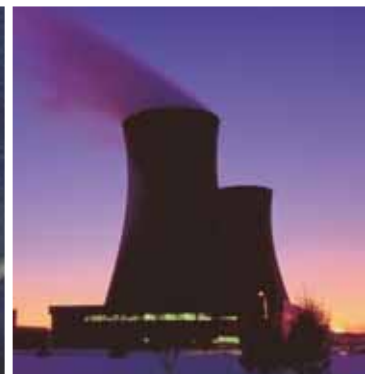




Since 1918
ERICSSON®

**THE SOLUTIONS
 GUIDE**

Second Edition July M-2011



We Energize, Illuminate, Protect & Connect

Ericson Manufacturing Company has been energizing, illuminating, protecting and connecting industry for 93 years and counting. For safe, rugged, high quality electrical safety and lighting products look to Ericson, a name you can trust.



UNBREAKABLE PLUG

Blades held firmly and permanently in insert, protected connections. Tension kept off terminals by fibre cord grip ring. Flexible shank. Fits standard receptacles. Ericson Manufacturing Co., 5716 Euclid Ave., Cleveland, Ohio.

From 1918 to today, Ericson has been a leader in the manufacture of safe, electrical and temporary lighting products.

CLEARER SIGHT MAKES JOBS RIGHT!

Rely Upon

No. 15
P-C

C & E

(ERICSON)

Hevi-Bilt

PLUGS and
CONNECTORS



No. 15
P-C

Both plug No. 15 P-C and its team-mate, connector No. 19 P-C, withstand tugging and pulling. It is almost impossible to pull the wires from the terminals, since the cord grip clamp relieves the tension between wires and terminals. Not only this, but Ericson-built plugs and connectors are made entirely of rubber; are non-breakable as well as oil-resistant. No repairs! No shorts! No breakage!

Get prices and full details.

ERICSON MANUFACTURING COMPANY

5209-E Euclid Avenue, Cleveland 3, Ohio

**NEW
CORD CONNECTOR**

The new Ericson 19-PC Cord Connector Body features a rubber jacket with a flexible shank thus taking all wear off the cord. The cord grip clamp removes all tension from the connection. One yank loosens the connector body without danger of shorts or breaks, eliminating the usual cause for repairs. Inner construction insures tight contact. Interiors and covers available separately.



No. 19-PC



No. 1915-PC

10 AMP.—250 V.
15 AMP.—125 V.
HEAVY DUTY
UNBREAKABLE
ALL RUBBER
OIL RESISTANT

THE ERICSON MANUFACTURING CO.



SAFETY PRODUCTS

Our story is built around you. Our customer. We believe in listening, implementing and adapting to become a customer driven, sales driven, innovative industry leader committed to “exceeding customer expectations.”

We are YOUR PARTNER – With on time shipments of 96% or better, ISO Certification of Quality, a helpful technical team, dedication to solve your individual issues, ease of doing business and follow up customer care after the sale...Ericson is and will always be your best choice...

We are FAMILY – Since 1918, The Ericson family continues to bring quality products and the promise of customer satisfaction to a growing customer base. With the flexibility of a mid-sized U.S. company with autonomy to operate in the best manner to satisfy your needs.

We are READY – Our dedication to your satisfaction starts with a “Yes we can...” attitude and the willingness to offer 24/7 Emergency Service to cover your operating hours, not ours. We are ready to ship your product quickly to meet your schedule.

We are INNOVATION – We design and build innovative, safe and cost effective temporary power and lighting systems solutions. Our award winning designs and patents granted through the years are proof positive that Ericson consistently brings innovation to you.

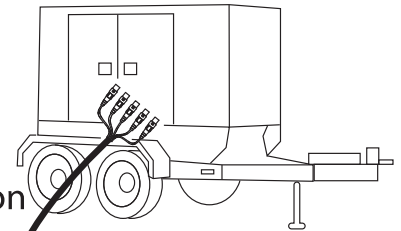
We are QUALITY – We are certified to the latest ISO 9001 certified Quality Standards and are known throughout the industry for manufacturing the highest quality products available. We constantly test and measure the quality of our products to meet or exceed your expectations.

We are SAFETY – Ericson emphasizes 3rd party NRTL Agencies to demonstrate our commitment to safety. UL, ETL, CSA listings, and NEC/CEC and OSHA Code compliance are integrated into every design.

We are SOLUTIONS – Our in-house Applications Engineering team is available to assist you in providing design and layout solutions. We have an impressive history of providing solutions with custom applications.



Since 1918
ERICSON[®]



BIG-E™

- 600, 480, 208, 240V distribution
- 400 amp
- 3R rainproof
- Camlock in

E-CART 2™

- 480 or 600V Input
- 15KVA
- Light & maneuverable
- 2-wheel cart
- 3R rainproof

Oscar®

- 50 Amp
- 6 circuits GFCI
- Jobsite standard

E-CART 2™

- 480 or 600V Input
- 208 or 240V Out
- 15 to 300KVA
- 3R Rainproof

50 Amp Out

Cordset

Work & Task Lighting

800 Series

1 x T8 Tube

17-40 Watt

1140 Series

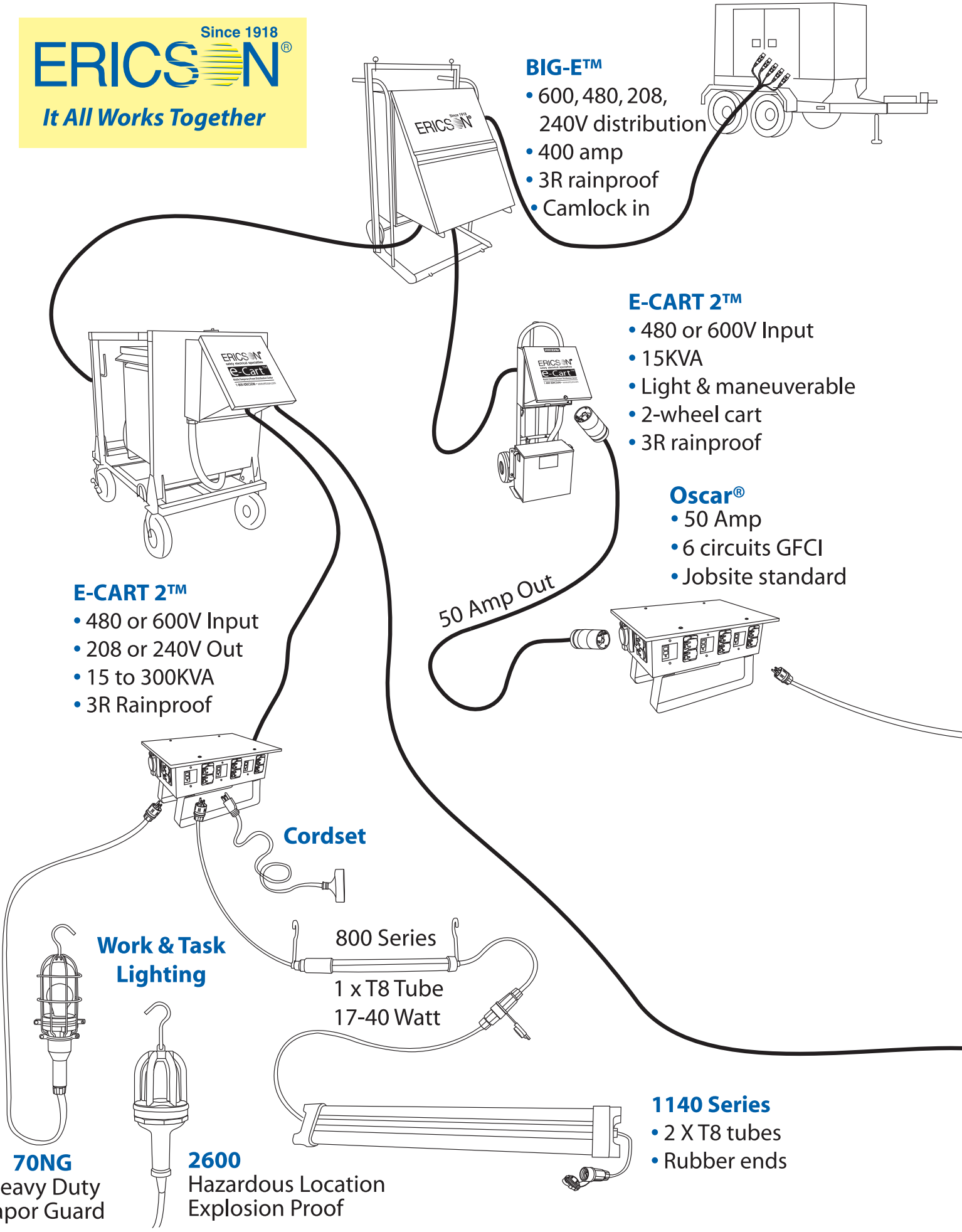
- 2 X T8 tubes
- Rubber ends

70NG

Heavy Duty Vapor Guard

2600

Hazardous Location Explosion Proof



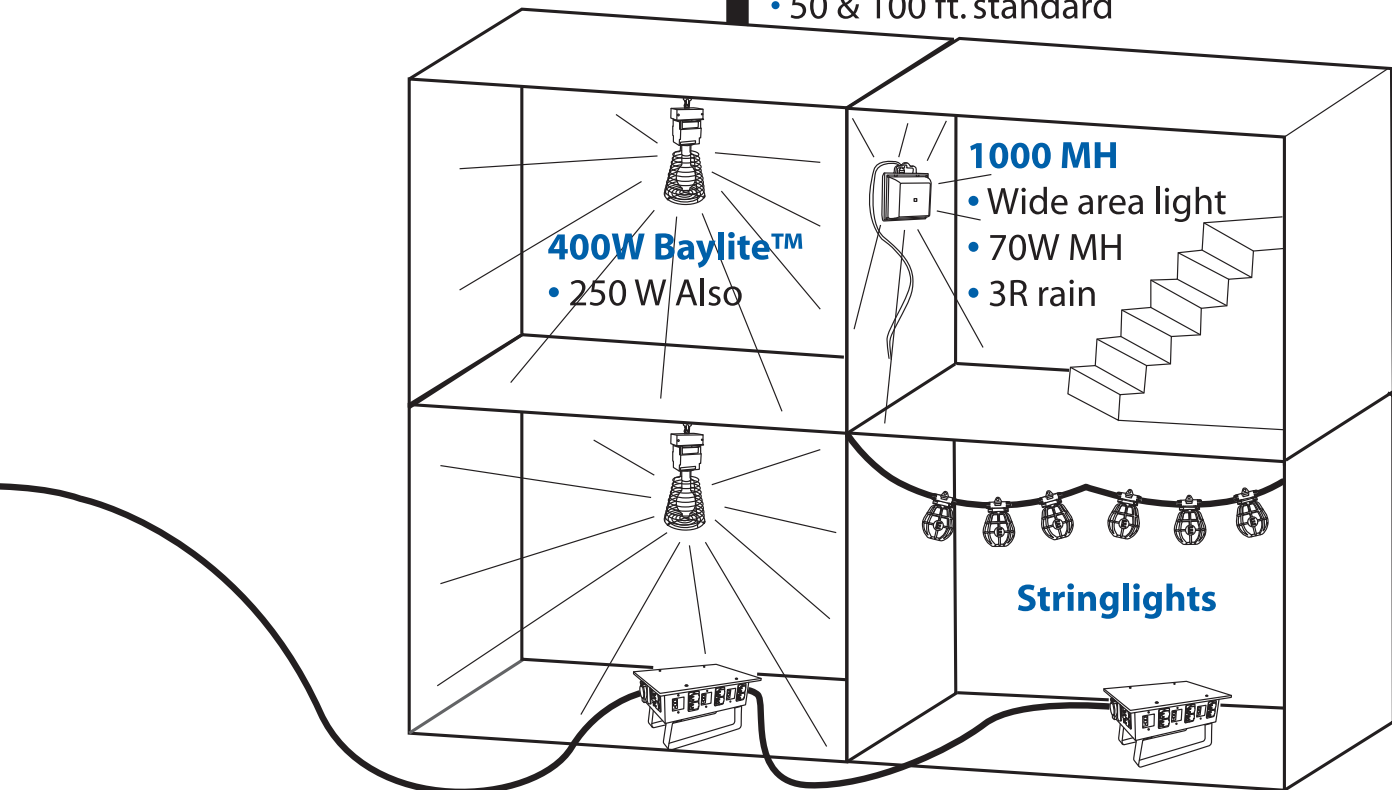
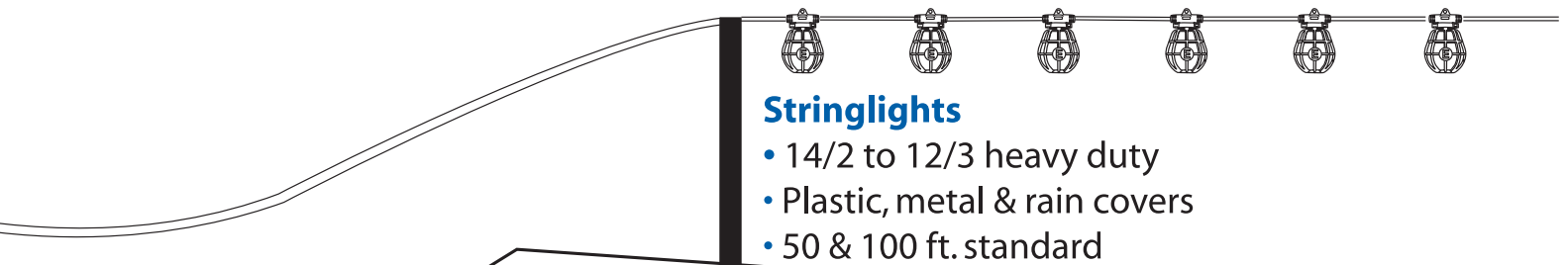
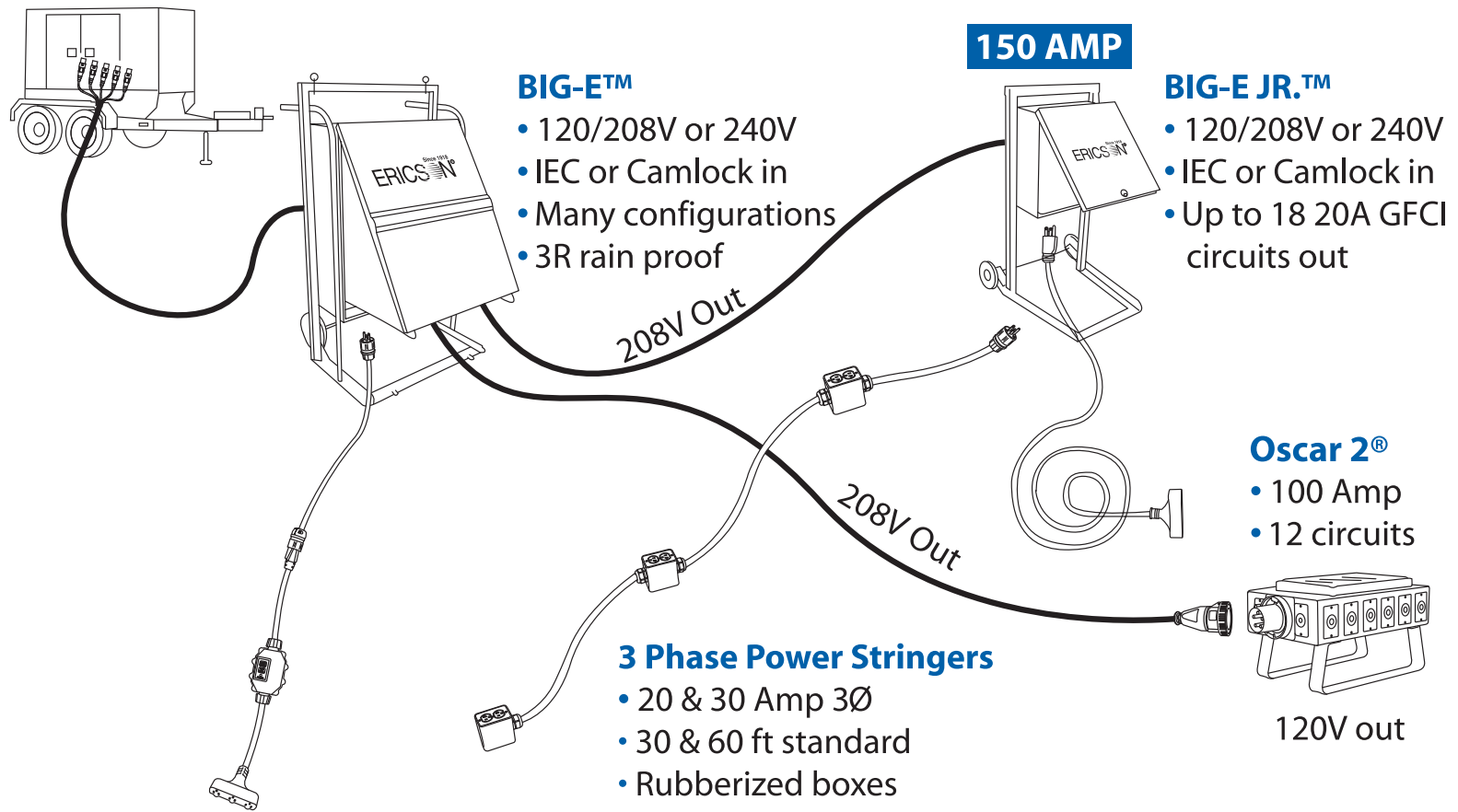


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Looking for us ?

At Ericson, we value the listing marks of 3rd party NRTL or International Underwriting Safety Agencies and understand the importance of up-to-date Listing Information to you, our customer. In order to properly keep up-to-date Agency Listing Information available 24/7, we have not placed any listing marks in this printed catalog. *Why is this?* There are two main reasons:

- 1.) New products shown at the time of printing may be undergoing the final Agency approvals and we are unable to mark that product until approval is given, and
- 2.) During the life of many products, we seek additional approvals to meet changing market demands. To get the latest agency approval information, please use any of the following steps:
 1. Contact your local Ericson Rep for a listing lookup
 2. Contact Customer Service at 1-800-ERICSON (374-2766) M-F 8-6 EST
 3. 24/7 Web Search - TO SEARCH A PART - SEE THE FULL LISTING ON OUR WEBSITE WWW.ERICSON.COM/AGENCY



What's This



The square barcode you see on certain pages are called 2D or QR barcodes. This latest barcode technology allows the encoding of valuable product information that would be impossible to show in a printed catalog. Examples of this information are product videos, website links and special spec downloads.

How to use these: Use your Smartphone with camera (Android, Blackberry, iPhone) and download any free QR or 2D Barcode scanning application software. They are free downloads and many varieties are available. Start the application and follow the instructions. Normally you hold the camera over the QR code and wait for the smartphone to respond. That's it...easy and enjoy the show.

Origin of Products

Made in the USA - This symbol is shown on products that all or nearly all parts are made and assembled in the USA.

Assembled in the USA - This symbol is shown on products that most of the parts are from US Origin and assembled in the USA.



UL Listed e-Cart® Series e-Cart Jr.™

- UL Listed to 1640C
- 600 or 480V, 3 phase or single phase 60Hz power input
- 15kVA encapsulated transformer
- Output power options: 120Y/208V with 3-phase transformer or 120V/240V with single-phase transformer
- Combo load center with GFCI circuit breakers
- NEMA TYPE 3R main disconnect switch



See page 19

e-Cart2™

- UL Listed to 1640C
- 480 or 600V, 3 phase or single phase 60Hz power input
- 350kVA transformer
- Combo load center with GFCI circuit breakers
- NEMA TYPE 3R main disconnect switch
- NEMA 3R fused primary disconnect, sized per transformer



See page 21

1140 with T8 Bulbs

Model 1140: New electronic auto Multi-Voltage ballast operates from 120 to 277 V 50/60 Hz without modification. Green T8 bulbs with miser ballast housed in the ultimate harsh environment design.



See page 105

Specialty Use - Boiler Lights

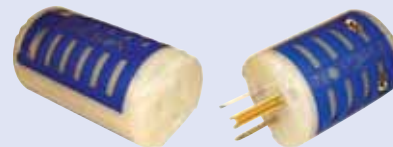
500 Watt "Boiler Inspection" Light – 90 deg and straight tube that fits into a small opening for inspections – can be used in a variety of applications

See page 113



Upgraded 5266 & 5269 Lighted Devices

- Translucent body allows device to glow from power on lamp (EL Models)
- Wide open "suitcase" style construction makes wiring easy
- Fits 10/3 to 18/3 cord diameters
- Rugged design withstands abuse on the jobsite
- Economy priced



See page 122

Clear Perma-Tite® 2 SmartMonitor™ Water Tight Style Wiring Device

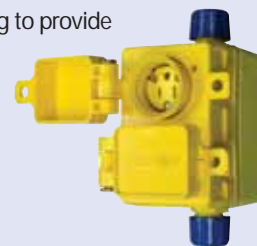
All Weather - NEMA 6P rated Smart Monitor plug and connector now with an improved clear body to make ground continuity monitoring easy.



See page 128

All Weather Double Outlet Receptacle with Cover Plates - PWDX

- Weather resistant boot seals around plug to provide weather resistant protection*
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to 6200 series FS/FD/FT boxes and any flat panel surface



See page 131

2705 Series Male Inlet FS Style

The 2705 series of male inlets is designed for all weather power inlet on a variety of applications. The heavy duty flip cover assembly and superior round sealing collar provides a superior seal against the elements. Use for inlet power only.



See page 136

See our Expanded Reel Section

See page 157

See our Expanded Pendant Section

See page 174

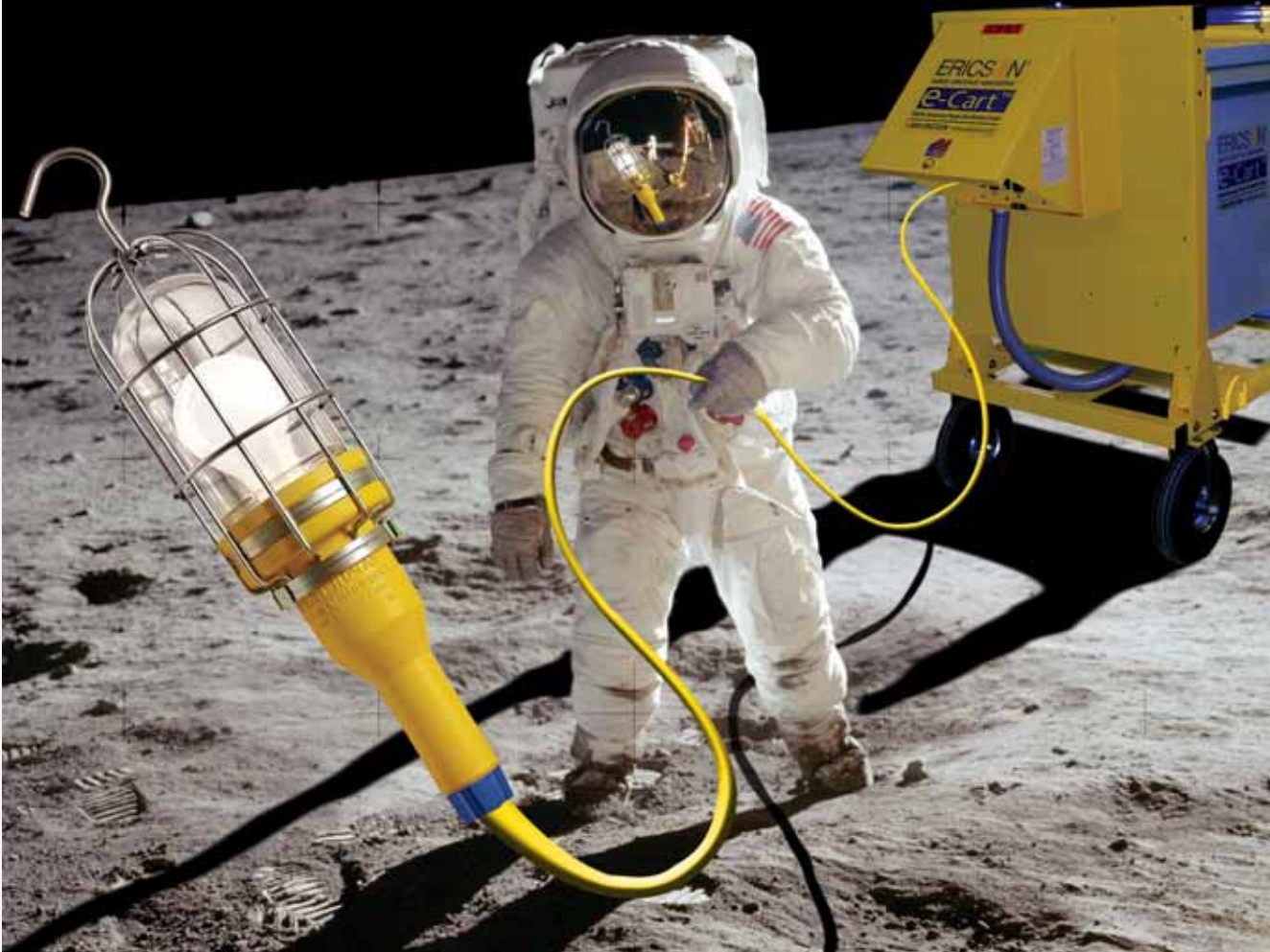


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Temporary Power & Lighting Solutions



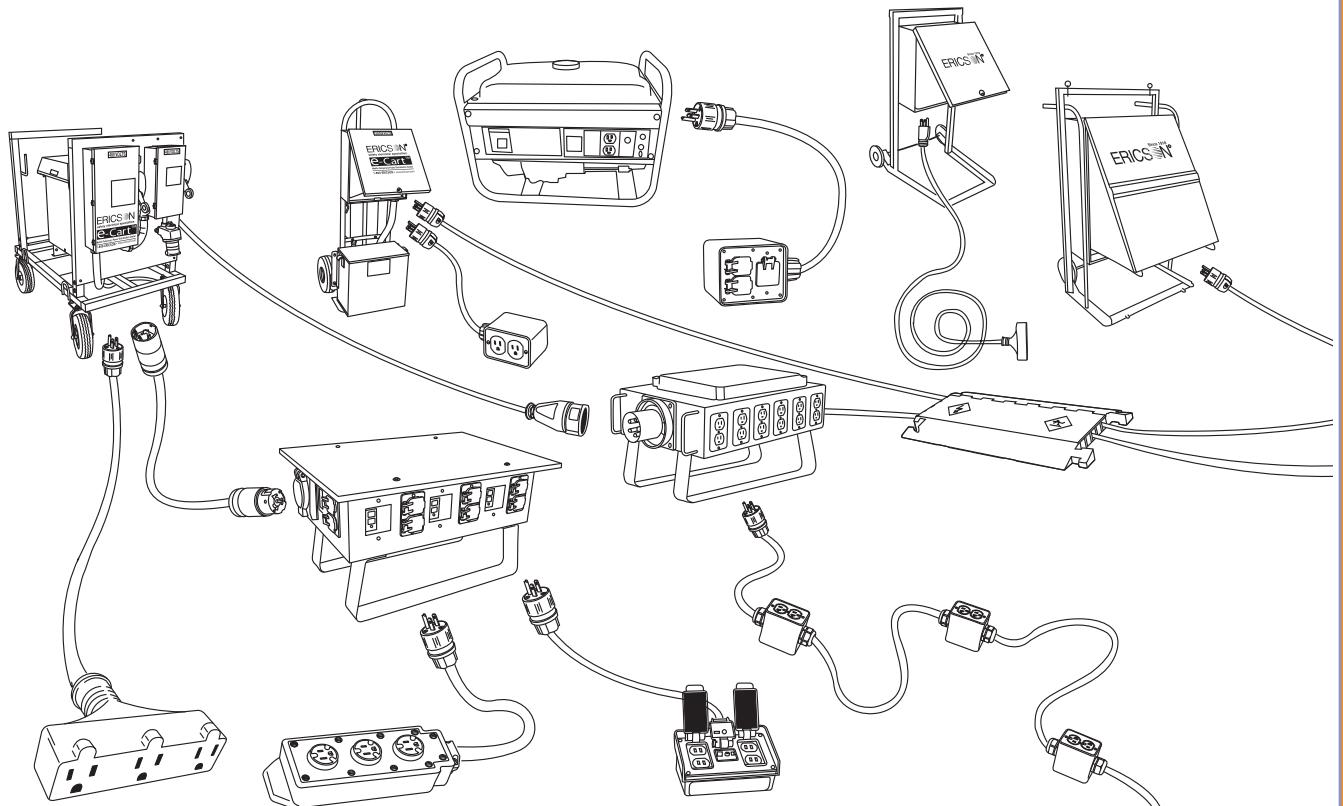
For Challenging Locations

Since 1918

ERICSON[®]

Energize, Luminate, Protect & Connect

1-800-ERICSON
www.ericson.com



24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)



See the Video



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Big-E™ PDU

Now available from Ericson...The Big E™ Series, Mobile Temporary Power Distribution Centers for your jobsite.

The basic construction consists of:

- 600, 480 or 208 or 240 volt power distribution
- All connections and circuit breakers under one NEMA 3R rain proof cover
- Up to 400 Amp (Larger amperage available)
- 3R rainproof tested
- Camlok main power connected In
- Welder power distribution 480V (select models)
- Powder coated for corrosion resistance
- Easy to move and store
- Frames stack & lock together for storage



e-Cart2™ Transformer Based PDU

Now available from Ericson...The e-Cart 2™ Mobile Temporary Power Distribution Centers for your jobsite.

The basic configuration consists of:

- Industrial duty powder coated steel frame with lifting eyes, wheels or stands
- Three phase or single phase NEMA 3R 480V or 600V 60Hz ventilated transformer
- NEMA 3R load center with GFCI breakers installed, sized per transformer
- NEMA 3R fused primary disconnect, sized per transformer
- EZ to move and store
- Code compliant
- Patent pending design



AWARD WINNING DESIGN



*(some models - see section for details)



e-Cart™ Jr. Transformer Based PDU

Now available from Ericson...The e-Cart Jr.™, Mobile Temporary Power Distribution Centers for your jobsite.

The basic construction consists of:

- 600 or 480V, 3 phase or single phase 60Hz power input
- 15kVA encapsulated transformer
- Output power options: 120Y/208V with 3-phase transformer or 120V/240V with single-phase transformer
- Combo load center with GFCI circuit breakers
- NEMA TYPE 3R main disconnect switch
- Code compliant



AWARD WINNING DESIGN



*(some models - see section for details)

Big-E™ Jr. PDU

The Big E Jr.™, Mobile Temporary Power Distribution Center

The basic construction consists of:

- Up to 200 amp
- 120/208V or 240V
- IEC or camlok In
- Up to (18) 20A GFCI circuits out
- Many styles to choose from
- Patent pending design



Custom Solutions

Need a custom temporary power or lighting solution? Ericson can design and build a variety of custom application items to meet your needs. The Ericson Team of Sales Application and Engineering Professionals will help determine your requirements and find a solution to your unique application.

We Specialize In:

- Temporary Power Distribution
- Temporary Custom Lighting Solutions
- Cordset and Custom Stringlights
- Custom GFCI Solutions

Contact one of our Factory Trained Representatives in your area with your detailed application needs. Current listings can be found on www.ericson.com or call us 1-800-ERICSON

Oscar® Boxes - 1066/1067 Series

Available from Ericson...Oscar® Box Temporary Power Distribution Units. Versatile protection for your jobsite, the Oscar® box is available in many standard GFCI protected configurations or contact the factory for a custom need.



- 50A 240V input
- (8) receptacles out
- Full GFCI compliance

Oscar II PDU

When you need a temporary power distribution box that will meet your requirements, look to the Oscar® 2 Series from Ericson. The flexible design platform of the new Oscar® 2 allows you to configure a Temporary Power Distribution Center that is right for you. The Oscar® 2 Expo Series picks up where the 1066/1067 leaves off.

Typical Applications Include:

- Convention Centers
- Outdoor Events
- Festivals
- Carnivals, etc.
- Concerts
- Stage & Studio



1068 Series 3 Phase 208V Features:

- Choice of main inlet types - IEC309 power-inlet and power-outlet or camlok
- Exclusive IPDM module installed
- GFCI or non-gfci circuit breakers available
- Receptacles protected by Ericson's FS Series flip seal covers
- Camlok inputs available



6000, 7000 & 8000 Boxes

Rugged and durable, these outlet boxes are engineered to provide protection against electric shock while using portable power cords.



Use instead of all metal boxes



Cordsets

Ericson offers a complete line of high quality jobsite style cordsets for a range of applications. From light tool and generator connection to heavy duty #10/3 size cord, the Ericson line of safety cordsets is the right answer to your power cord needs.

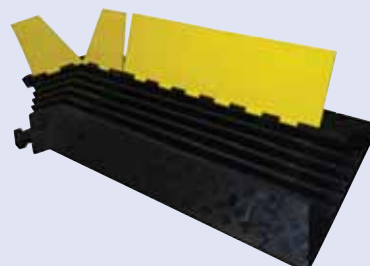
Bonus: Custom factory cord jacket printing available

* not available on some models.



Cable Protectors - Heavy Duty

Protect expensive cables from foot-traffic and equipment damage while eliminating tripping hazards caused by cables with Ericson's CP5 Series HD Cable Protectors. Made from stabilized and recycled rubber, for its resilience, hardness and impact resistance for demanding environments.



RECYCLED RUBBER



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Need temporary power at a fair or festival? Plug into Ericson's NEC/CED & OSHA compliant Power products to avoid accidents and costly fines from code violations.

HAZARDOUS CONDITIONS
WRONG WAY

SEE NEXT PAGE
For the RIGHT WAY to use temporary power at an outdoor event.

A NEMA 1 Indoor Panel

B NO GFCI Protection

C Public Access to Panel

D Panel Hanging From Tent Pole

A NEMA 1 Old Work Permanent Boxes

E No Protection of Cords

F Grounding Assurance?

NEC Codes

- A. 525.22 (A) "...shall be of weatherproof construction..."
- B. 525.23 (A)(2) GFCI Protection is Required "... readily accessible to the general public..."
- C. 525.10 (A) "...Equipment shall not be installed...accessible to unqualified persons..."
- D. 525.10 (B) "Service equipment shall be mounted on solid backing...protected from weather..."
- E. 525.20 (G) "Flexible cords...accessible to the public...shall be arranged to avoid a tripping hazard..."
- F. 525.32 Grounding Assurance "...shall be verified each time that portable electrical equipment is connected."

Notes on these NEC codes:

NEMA 1 indoor panels are not suitable for outdoor temp power.
 GFCI protection for personnel and the public is a must. Life saving devices.
 Electrical service panels and temp power distribution should not be accessible by the public attending the event.
 Hanging a panel from a tent pole is a violation. So is using plywood backing as plywood can be water soaked and now conductive.
 Flexible power cords at the local fair are everywhere. They should be covered in walk areas (and not with plywood) to prevent the public touching any cord. Nicks and cuts are common with cords and the public touching a live conductor can happen. Or, in the event of rain, puddles can become live with nicked cords and non-weatherproof connectors.
 Once the temp power is on, a ground check must be performed. However, if that temp power system is disturbed, it should be rechecked.

Temporary Power - Do's & Don'ts

Power Smart... Ericson's full line of Temp Power Distribution Panels is the answer to your local Festival or Fair. Contact your local Ericson stocking distributor for assistance in designing your temp power needs.

- Code Compliance for Temp Power
- NEMA 3R Rainproof Design
- Designed for Ease of Use
- Built to Last
- Custom Layouts for Your Power Needs
- Temp Power – Cordsets – Cord Management

SAFE SOLUTION RIGHT WAY



BEI-CAMCL3180 shown

Cart Design
Easy to Move

NEMA 3R Rain
Tested Design

Rain Side Flaps
Fold in for Easy
Compact Storage

GFCI
Protection
is Standard

Safety Monitor Device
Gives 24/7
Ground Assurance



Camlok Input
Connections Reduce
Stress on Cord
Connections

All Connections
Under One
Rain Cover

Customer Application:
Application allows safe
routing of cords for the
elimination of trip hazards

**SEE Our
Great Line Up of
Temporary Power**

e-Cart2™



480/120V
600/120V

Big-E



400 Amp

Big E Jr.



200 Amp

Oscar®



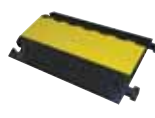
50 Amp

Cordsets



10/3 or 12/3

CP5-36-HD



Cable Protectors

Watertight Connections



1510-PW6P & 1610-CW6P



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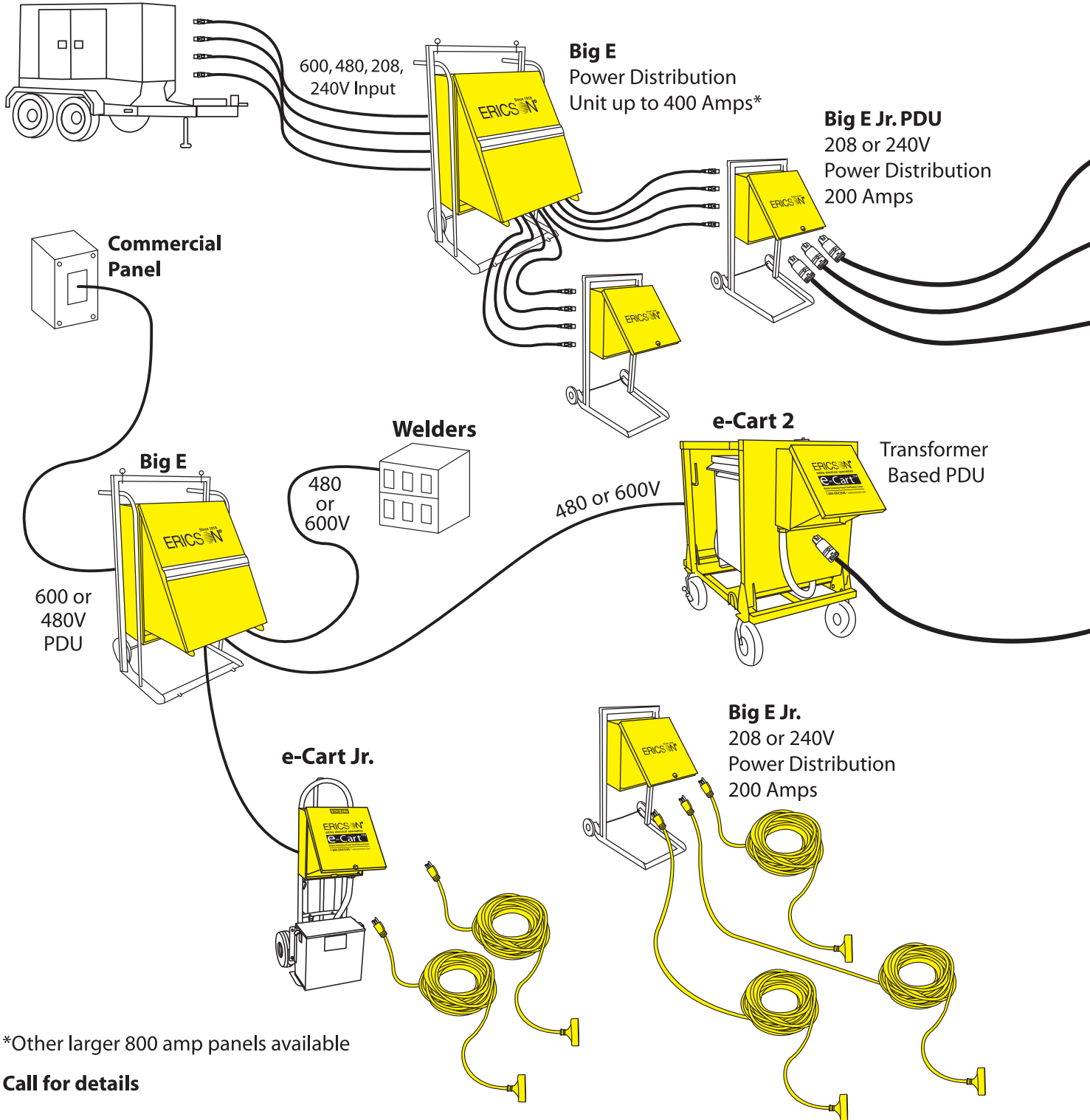
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The Ericson System

IT ALL WORKS TOGETHER

TEMPORARY POWER

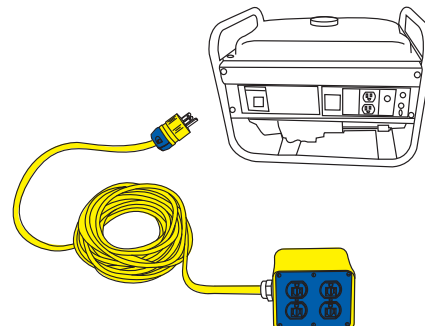
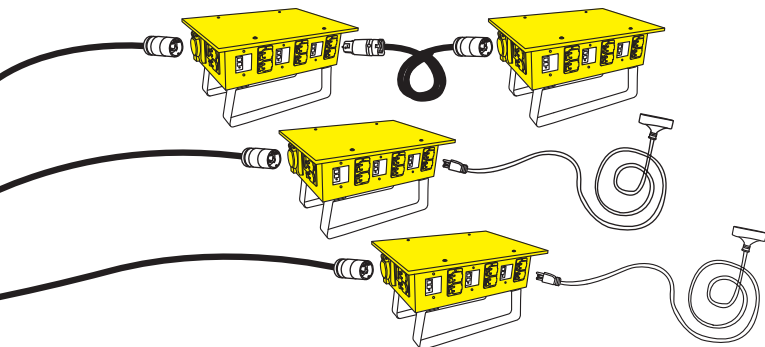


*Other larger 800 amp panels available

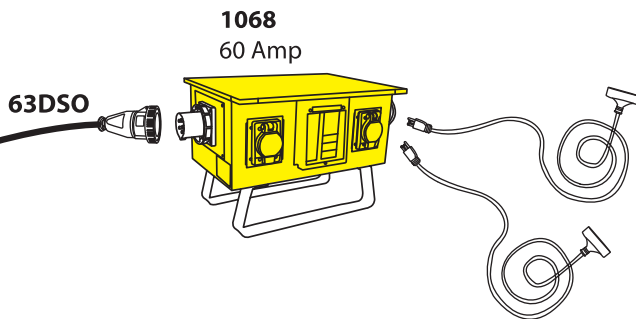
Call for details

Plug and Play Systems - Ericson manufactures high quality temporary power products that plug and play together. Use this system diagram as a guide to acquaint yourself with our extensive line of power products. Choose either a full system or just parts of the system, and either way, you can count on Ericson Products to save you time and money. Our plug and play philosophy is used in all our products to bring you the safest and most complete power products available. Custom options of all the products shown are available and our technical assistance teams can help you design the proper layout to meet your individual needs. Call us today for more details and to answer any of your product questions.

1066/1067 Series
Oscar® 50A PDU

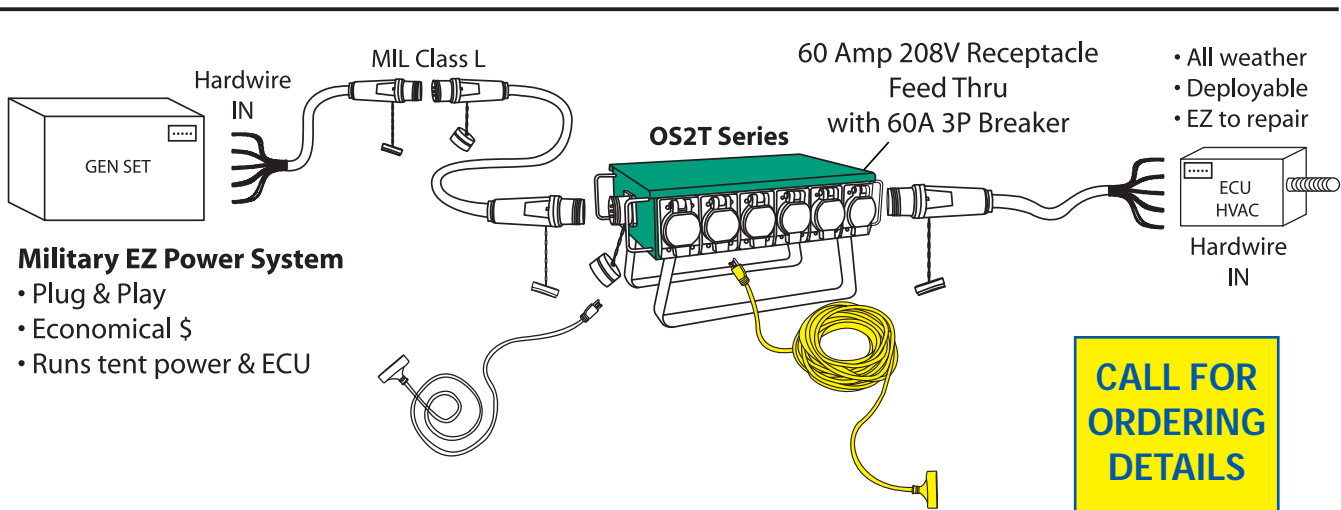


800 Series
Generator GFCI
Cordsets



1068
60 Amp

63DSO



Military EZ Power System

- Plug & Play
- Economical \$
- Runs tent power & ECU

- All weather
- Deployable
- EZ to repair

**CALL FOR
ORDERING
DETAILS**



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Big-E™ Series - 400 Amp Power Distribution

* TEMPORARY POWER *

Now available from Ericson...The Big E™ Series, Mobile Temporary Power Distribution Centers for your jobsite.

The basic construction consists of:

- 600, 480 V or 120/208V or 240 volt power distribution
- All connections and circuit breakers under one NEMA 3R rain proof cover
- Up to 400 Amp
- 3R rainproof tested
- Camlok main power connected In
- Welder power distribution 480V (select models)
- Powder coated for corrosion resistance
- Easy to move and store
- Frames stack & lock together for storage

**BIG
E™
POWER**



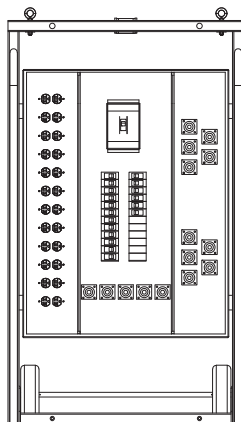
Cover folds flat when unit is not in use



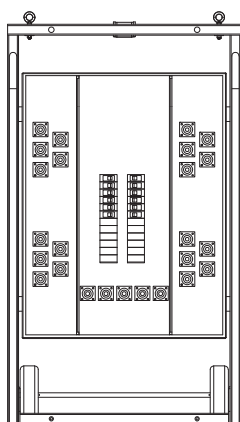
See the Video

Big-E™

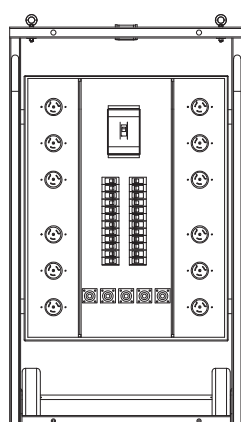
	INPUT POWER				OUTPUT CONNECTIONS	
	Voltage	Phase	Inlet Type	Mains Feed Thru	Receptacles Installed	Circuit & Personnel Protection
BE4-CAM2CL3062CL	208	3	CAM SET (5)	CAM SET (5)	(6) L21-20 & (2 SETS) CAMLOCK	(6) 20A 3P C.B. Non-GFI
BE4-CAM2CL3122C	208	3	CAM SET (5)	CAM SET (5)	(12) 5-20 DPLX & (2 SETS) CAMLOCK	(12) 20A GFI C.B.
BE4-CAMCL1008T	240	1	CAM SET (4)	--	(8) CS6369 "Oscar Feeder"	(8) 50A 2P C.B.
BE4-CAMCL3004C	208	3	CAM SET (5)	--	(4 SETS) CAMLOCK	(4) 100A 3P C.B.
BE4-CAMCL3012T	208	3	CAM SET (5)	--	(12) CS6369 "Oscar Feeder"	(12) 50A 2P C.B.
BE4-CAMCL3062CL	208	3	CAM SET (5)	--	(6) L21-20 & (2 SETS) CAMLOCK	(6) 20A 3P C.B. Non-GFI
BE4-CAMCL3122C	208	3	CAM SET (5)	--	(12) 5-20 DPLX & (2 SETS) CAMLOCK	(12) 20A GFCI C.B.
BE4-480CAM2CL3002C	480	3	CAM SET (4)	CAM SET (4)	(2 SETS) CAMLOCK	480V (4) 100A 3P C.B.
BE4-480CAMCL3004C	480	3	CAM SET (4)	--	(4 SETS) CAMLOCK	480V (4) 100A 3P C.B.
BE4-480CAMCL3004I	480	3	CAM SET (4)	--	(4) 100A IEC 4100RA7 Angled	480V (4) 100A 3P C.B.
BE4-600CAM2CL1004C	600	1	CAM SET (4)	CAM SET (4)	(4 SETS) CAMLOCK (1 Phase)	600V (4) 100A 3P C.B.
BE4-600CAM2CL3004C	600	3	CAM SET (4)	CAM SET (4)	(4 SETS) CAMLOCK	600V (4) 100A 3P C.B.
BE4-600CAMCL3004C	600	3	CAM SET (4)	--	(4 SETS) CAMLOCK	600V (4) 100A 3P C.B.



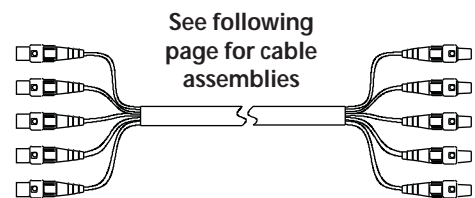
BE4-CAMCL3122C



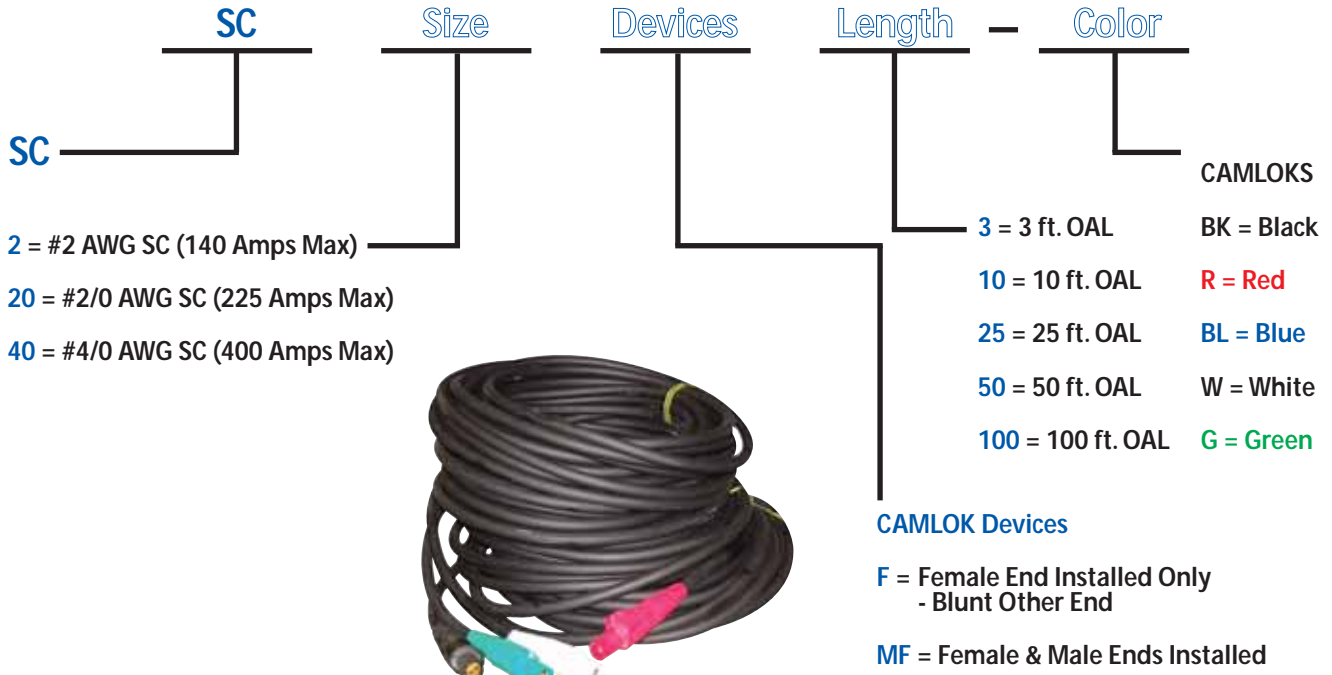
BE4-CAMCL3004C



BE4-CAMCL3012T

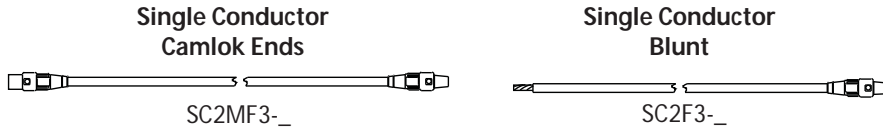


Single Conductor Cable Assemblies



Example:

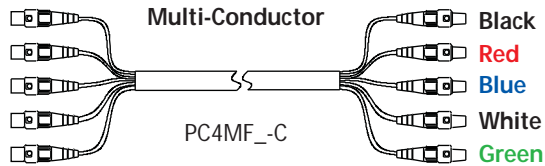
SC2MF3-R



3 ft. Single Conductor Cord, With Male and Female CAMLOK Ends Installed, Red Color Ends, #2 SC Cordage, 105 Amps Max.

Camlok Colors

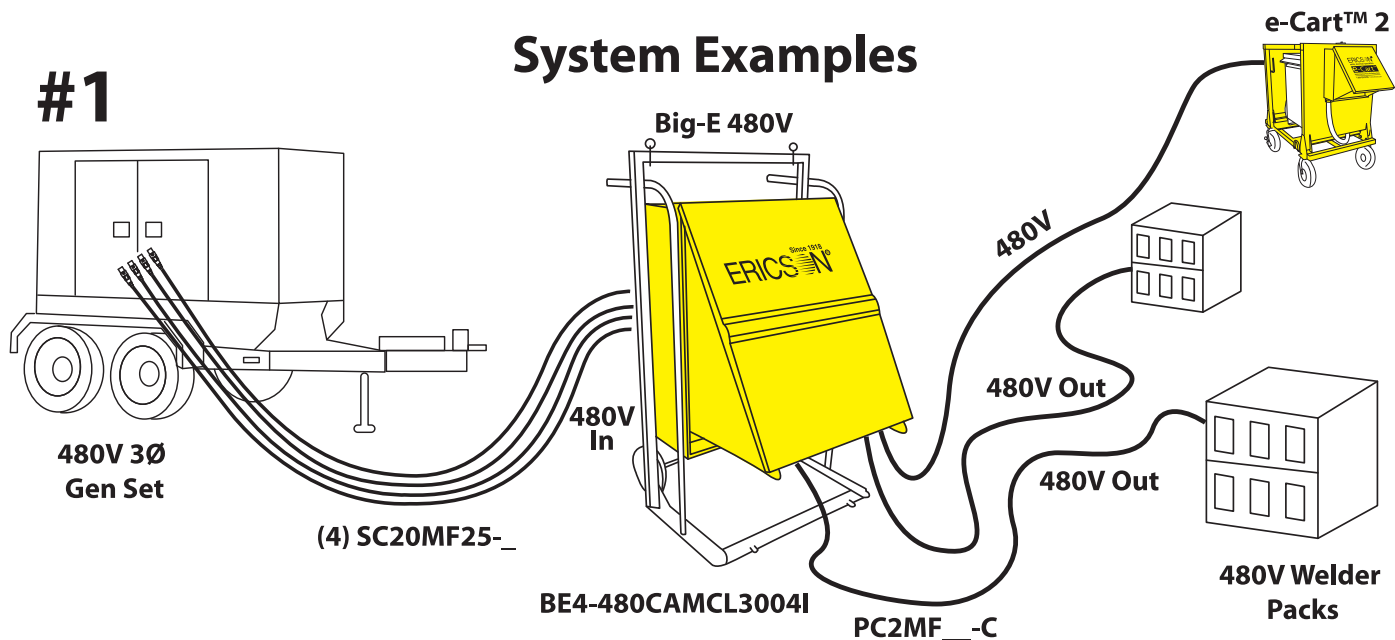
Black = Hot A Ø
Red = Hot B Ø
Blue = Hot C Ø
White = Neutral
Green = Ground



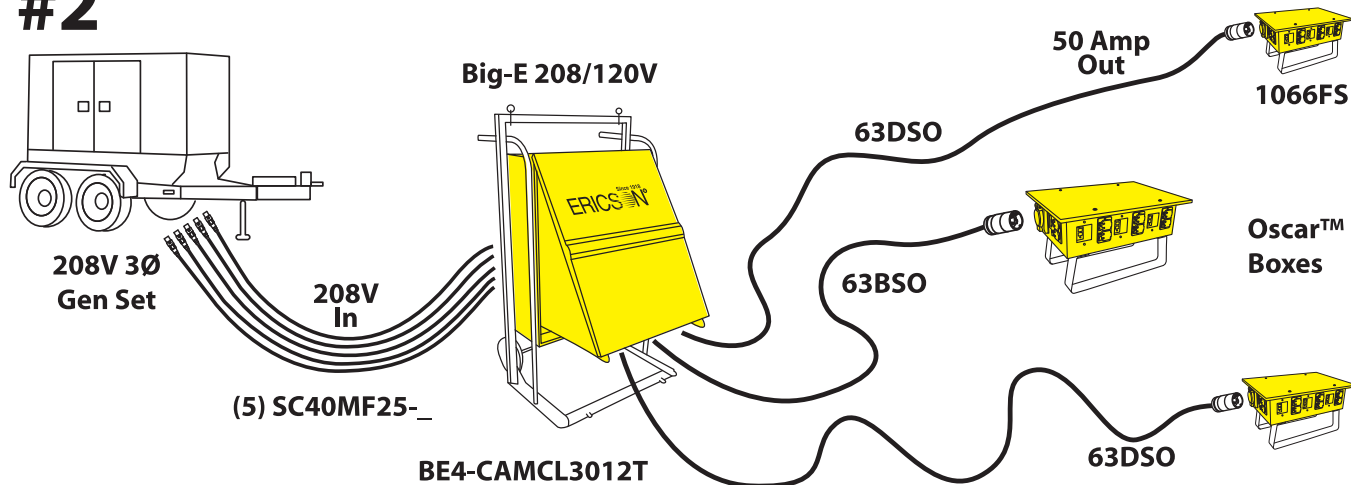
Multiple Conductor Cable Assemblies						
Catalog No.	Plug (male)	Connector (female)	OAL ft	Cord	Amps	Camlok Color Code
PC4MF25-C	Camlok	Camlok	25	#4 W 600V	80	All - Black, Red, Blue, White, Green
PC4MF50-C			50	#4 W 600V		
PC4MF100-C			100	#4 W 600V		
PC2MF25-C			25	#2 W 600V	100	
PC2MF50-C			50	#2 W 600V		
PC2MF100-C			100	#2 W 600V		

System Examples

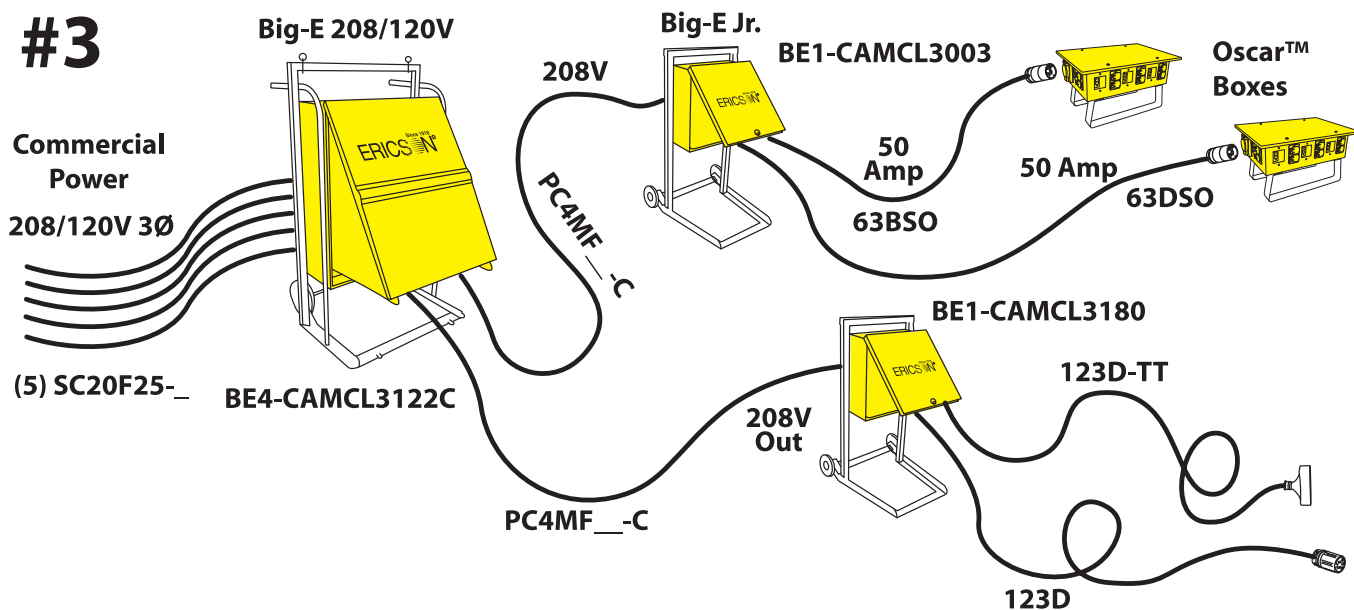
#1



#2



#3



Big-E Jr™ Series - 200 Amp Power Distribution

TEMPORARY POWER

Big power in a small compact sized PDU is what the Big-E Jr. is all about. Designed for quick, easy-to-connect, code compliant distribution for indoor or outdoor venues and jobsites, the Big-E Jr. Portable PDU is the choice for your power needs. The award winning Combo Panel design is NEMA 3R In Use Rain rated and withstands heavy and windblown rain environments. With all the configurations of circuits to choose from, you are sure to find the PDU that meets your needs.

- NEMA 3R Rain In Use Rated
- Exclusive Combo Panel Design puts receptacles and breakers under one cover
- No small flip covers to break
- All Steel construction with powder coating inside and out
- Heavy Duty, yet light, steel welded frame lasts event after event
- 24/7 Safety Monitoring with the Exclusive I.P.D.M. module
- Camlok input connection on rear panel makes hookup easy and quick



TESTED

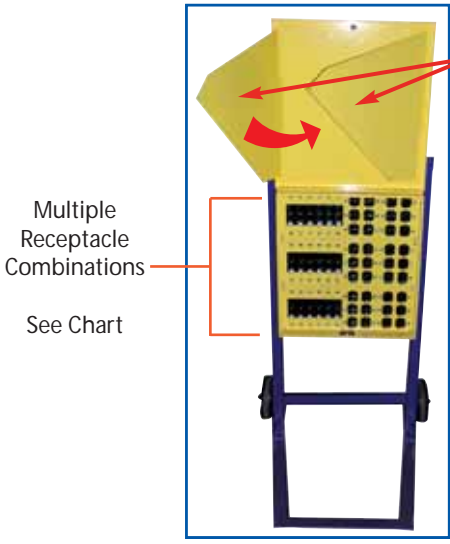


IN USE



See the Video

DON'T SEE THE PANEL YOU NEED?
Just contact us for a custom Big-E Jr. to meet your needs.



Rain Flaps Fold Into Top For Storage

I.P.D.M. Safety Monitor

INPUT POWER DIAGNOSTIC MODULE			
This module is designed to indicate the incoming power to insure safe and proper operation. Failure to correct any incorrect wiring situations could result in injury or equipment damage.			
<ul style="list-style-type: none"> ●●●● CORRECT ●●●● OPEN GND ●●●● OPEN NEUT ●●●● OPEN HOT1 ●●●● OPEN HOT2 	<ul style="list-style-type: none"> IPDM ●●●● NO POWER or NO NEUT AND GND ●●●● HOT2 / GND REV ●●●● HOT1 / NEUT REV ●●●● HOT1 / GND REV ●●●● HOT2 / NEUT REV 		
NOTICE: Correct any of these conditions before energizing circuit breakers.			

Advanced circuitry monitors and indicates (through LEDs) many common connection and safety issues with Temp Power. Safety earth ground and mis-connection issues are easily corrected to ensure compliance to electrical codes.

Exclusive! Exclusive IPDM Monitors Incoming Power



Big-E™ Jr.

Catalog Number	Voltage	Phase	Male Inlet Type	Female Mains Feed Thru	MCB Installed (See important note below)	Safety Monitor IPDM Installed	Receptacles Installed	Circuit & Personnel Protection
BE1-T50CM1080	240	1	CS6375 Twistlock	--	YES	YES (4 LED)	(8) NEMA 5-15/20 T Slot GFI DPLX	(8) GFCI DPLX
BE1-T50CM1120	240	1	CS6375 Twistlock	--	YES	YES (4 LED)	(12) NEMA 5-15/20 T Slot DPLX	(12) GFCI C.B.
BE1-CAMCL1061	240	1	CAM SET (4)	--	n/r	YES (4 LED)	(6) NEMA 5-15/20 T Slot DPLX (1) CS6369	(6) GFCI C.B. &(1) 50A C.B.
BE1-CAMCL1062	240	1	CAM SET (4)	--	n/r	YES (4 LED)	(6) NEMA 5-15/20 T Slot DPLX (2) CS6369	(6) GFCI C.B. &(2) 50A C.B.
BE1-CAMCL1120	240	1	CAM SET (4)	--	n/r	YES (4 LED)	(12) NEMA 5-15/20 T Slot GFI DPLX	(12) GFCI DPLX
BE1-CAMCL1180	240	1	CAM SET (4)	--	n/r	YES (4 LED)	(18) NEMA 5-15/20 T Slot DPLX	(18) GFCI C.B.
BE1-CAM2CL1063	240	1	CAM SET (4)	CAM SET (4)	n/r	YES (4 LED)	(6) NEMA 5-15/20 T Slot DPLX (3) CS6369	(6) GFCI C.B. &(3) 50A C.B.
BE1-CAM2CL1120	240	1	CAM SET (4)	CAM SET (4)	n/r	YES (4 LED)	(12) NEMA 5-15/20 T Slot GFI DPLX	(12) GFCI DPLX
BE1-CAM2CL1180	240	1	CAM SET (4)	CAM SET (4)	n/r	YES (4 LED)	(18) NEMA 5-15/20 T Slot DPLX	(18) GFCI C.B.
BE1-CAMCL3003	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(3) CS6369 "Oscar Feeder"	(3) 50A C.B.
BE1-CAMCL3006	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(6) CS6369 "Oscar Feeder"	(6) 50A C.B.
BE1-CAMCL3040L	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(4) L21-20	(4) 3P 20A C.B.
BE1-CAMCL3060L	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(6) L21-20	(6) 3P 20A C.B.
BE1-CAMCL3060TT	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(6) TT-30	(6) 30A 2P C.B.
BE1-CAMCL3061	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(6) NEMA 5-15/20 T Slot DPLX(1) CS6369	(6) GFCI C.B. &(1) 50A C.B.
BE1-CAMCL3062	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(6) NEMA 5-15/20 T Slot DPLX(2) CS6369	(6) GFCI C.B. &(2) 50A C.B.
BE1-CAMCL3063	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(6) NEMA 5-15/20 T Slot DPLX(3) CS6369	(6) GFCI C.B. &(3) 50A C.B.
BE1-CAMCL3120	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(12) NEMA 5-15/20 T Slot GFI DPLX	(12) GFCI DPLX
BE1-CAMCL3180	208	3	CAM SET (5)	--	n/r	YES (5 LED)	(18) NEMA 5-15/20 T Slot DPLX	(18) GFCI C.B.
BE1-CAM2CL3006	208	3	CAM SET (5)	CAM SET (5)	n/r	YES (5 LED)	(6) CS6369	(6) 50A C.B.
BE1-CAM2CL3060L	208	3	CAM SET (5)	CAM SET (5)	n/r	YES (5 LED)	(6) L21-20	(6) 3P C.B.
BE1-CAM2CL3060TT	208	3	CAM SET (5)	CAM SET (5)	n/r	YES (5 LED)	(6) TT-30	(6) 30A 2P C.B.
BE1-CAM2CL3063	208	3	CAM SET (5)	CAM SET (5)	n/r	YES (5 LED)	(6) NEMA 5-15/20 T Slot DPLX (3) CS6369	(6) GFCI C.B. &(3) 50A C.B.
BE1-CAM2CL3120	208	3	CAM SET (5)	CAM SET (5)	n/r	YES (5 LED)	(12) NEMA 5-15/20 T Slot GFI DPLX	(12) GFCI DPLX
BE1-CAM2CL3180	208	3	CAM SET (5)	CAM SET (5)	n/r	YES (5 LED)	(18) NEMA 5-15/20 T Slot DPLX	(18) GFCI C.B.

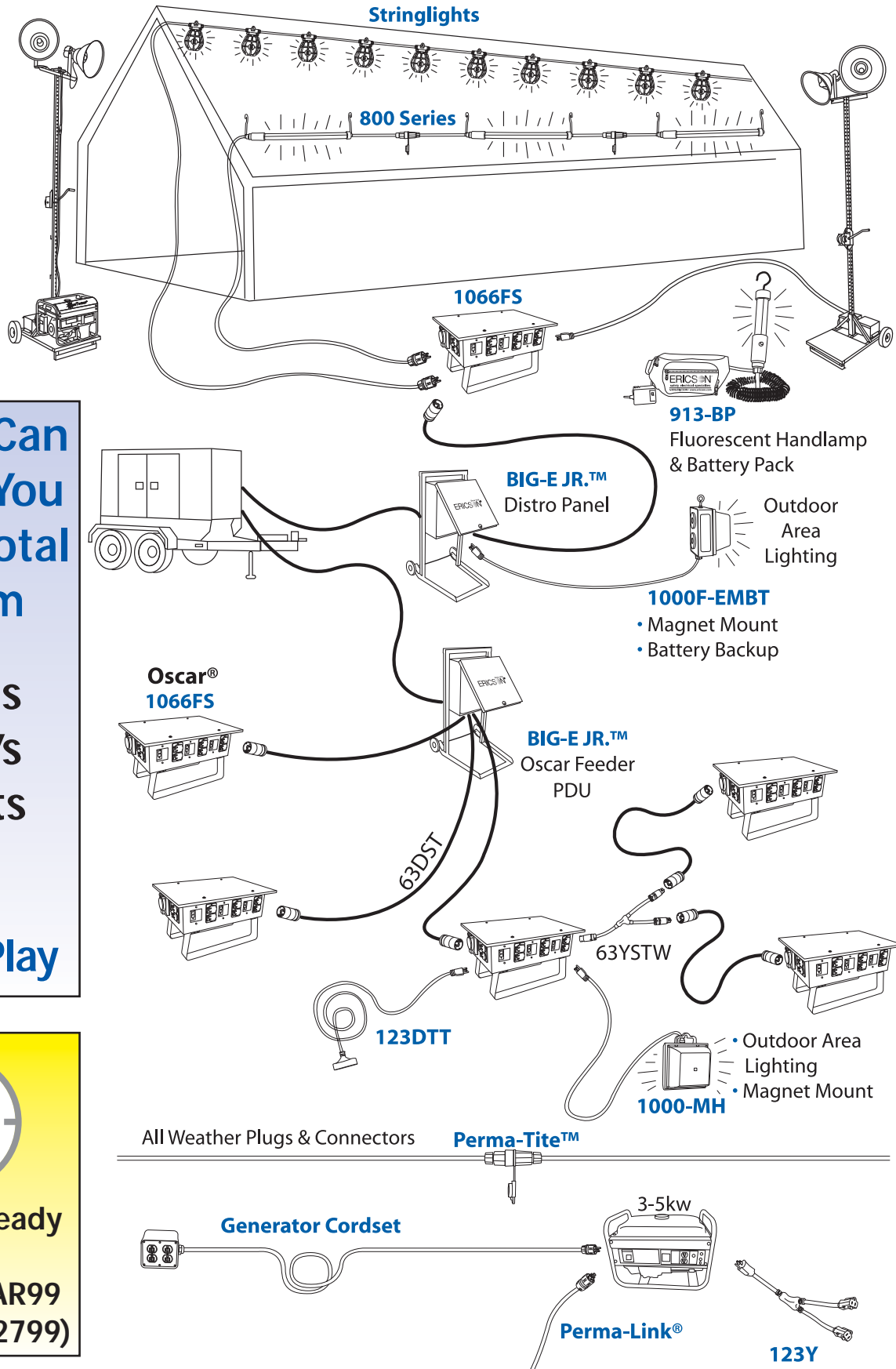
* MCB = Main Circuit Breaker - n/r = Not Required due to the calculation that the installed number of fully loaded circuits will not overload the incoming power. Protect the PDU upstream at the feeder panel.

**For complete detail drawings
see our website**



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History Teaches That a Lack of Awareness and Preparations are Common Threads Among All Major Disasters



Ericson Can Supply You With a Total System

- Cords
- PDU's
- Lights

All Plug-N-Play


Ericson is Ready 24/7
1-877-OSCAR99
(1-877-672-2799)



- **HURRICANES**
- **TORNADOS**
- **FLOODS**
- **EARTHQUAKES**



Site Planning & 24/7 Service

- 24/7 Hotline service
- Quick response and local support
- We can help you plan and layout your needs
- We are Temp Power and Lighting Experts
- On the job since 1918

Big-E™ Jr.



- 200+ Amp Panel
- BIG POWER/compact size
- GFCI protection
- NEMA 3R rainproof - tested in use
- Exclusive front cover with folding side flaps design
- Plug-N-Play design
- Exclusive IPDM power indicator
- Wheeled EZ moving frame design
- Many standard models to choose from or custom designs

913-BP



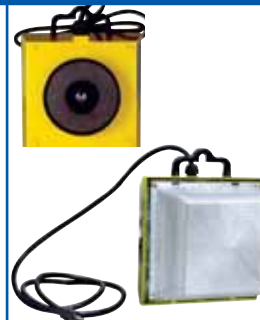
- Watertight construction with push button switch
- Heavy duty - hard use 13 watt PL - 13 twin tube Fluorescent hand lamp
- Heavy duty hard use cord 24" retracted length 1:5 ratio (10 ft. ext.)
- Strong wide belt with heavy duty use bag - fits up to 50" waist
- Long use battery gives up to 6 hours with full charge
- Lightweight - only 5.5 lbs
- 120VAC 60 HZ wall plug-in charger 12VDC out 1.2A

1066 FS



- NEMA 3R rated for outdoor use
- Each NEMA 5-20 outlet is individually GFCI protected with open neutral protection
- Flip covers protects outlets from damage & the weather.
- Heavy duty powder coated body
- Flip up door protects circuit breakers from damage & weather
- 50A cordset for Oscar®

1000-MH



- 120V/60Hz, 70W metal halide
- UL & cUL listed
- Suitable for wet locations
- Rugged, die-cast aluminum housing
- 6ft. #14/3 oil-resistant cable with molded-on 5-15 plug
- Heavy-duty magnet provides secure mounting on metal surfaces for hands-free operation
- Built-in carry handle
- Impact resistant, high-temperature lens with inner surface prisms for optimum light diffusion

Generator GFCI Cordset



- Rubberized Box eliminates "hot" un-grounded dangerous metal quad boxes
- Heavy Duty Perma-Link™ Plug with rubberized body and nickel plated blades
- Heavy Duty SJ & SO cord
- GFCI Protection - GFCI 5-20 Duplexes protecting 5-20 duplex receptacles
- Heavy Duty cord strain relief at box stands up to rough duty
- 2, 25, 50 and 100 ft cord lengths

832 Series



- 32 Watt miser green T8
- OSHA Compliant - Meets OSHA regulations for wet locations
- Rated for demanding outdoor and in-plant environments
- Cool, glare-free light
- Lightweight-Construction with impact resistant tube shield.
- Ballast in handle, so it's easy to move around the jobsite
- Rubberized non-conductive design

Stringlights



- Meets OSHA construction site requirements 1926.405(a)(2)(ii)(E&F)
- Meets NEC requirements for temporary lighting
- Easy relamping with non-conductive, snap-open cage guard
- Built-in hanger for easy installation with messenger cable or hooks
- Many styles to choose from - indoor or outdoor

123 with Rain Guard

Wiring Devices



- All NEMA types
- Locking & straight
- Dust tight to 6P submersible
- All weather
- Smart monitor devices
- Solid brass connections



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

e-Card™ Jr. - Mobile Transformer Power Distribution Center

* TEMPORARY POWER *

The e-Card Jr.™, Mobile Temporary Power Distribution Centers for your jobsite.
The basic construction consists of a:

- 480V, 3 phase or single phase 60Hz power input
- 15kVA encapsulated transformer
- Output power options: 120Y/208V with 3-phase transformer or 120V/240V with single-phase transformer
- Combo load center with GFCI circuit breakers
- NEMA TYPE 3R main disconnect switch

IN 480V → e-Card™ Jr. → OUT 120V



EXCLUSIVE!

NEMA type 3R Ericson engineered circuit breaker/ receptacle "combo" enclosure panel combines circuit breaker panel with receptacle operation in one heavy duty enclosure with NEMA 3R rainproof "in use" flip top assembly.

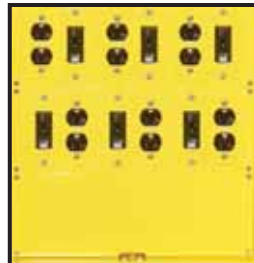


Order with 50A output to power Oscar™ boxes.



See the Video

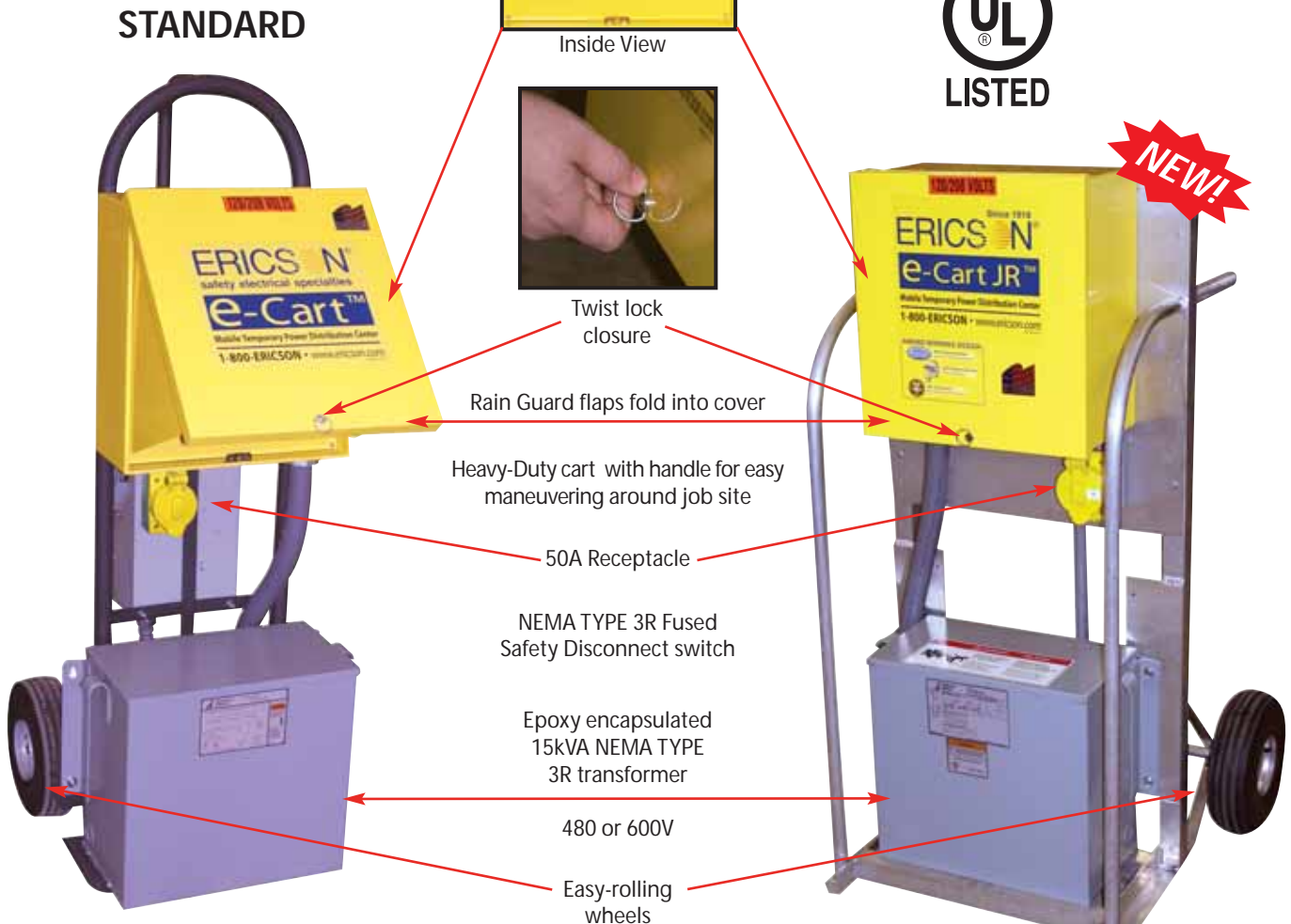
PATENT PENDING



Inside View



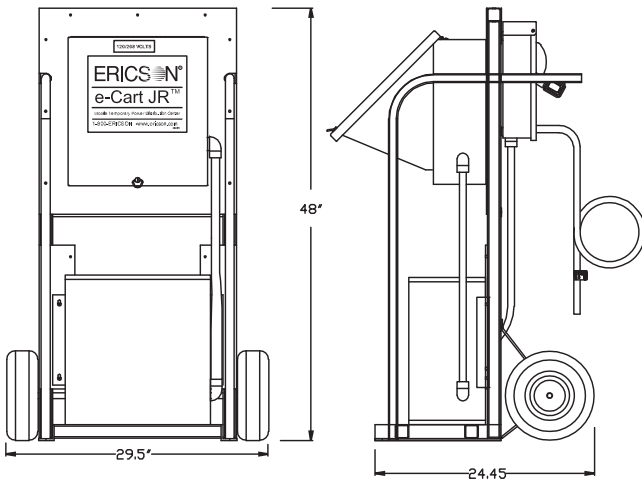
Twist lock closure



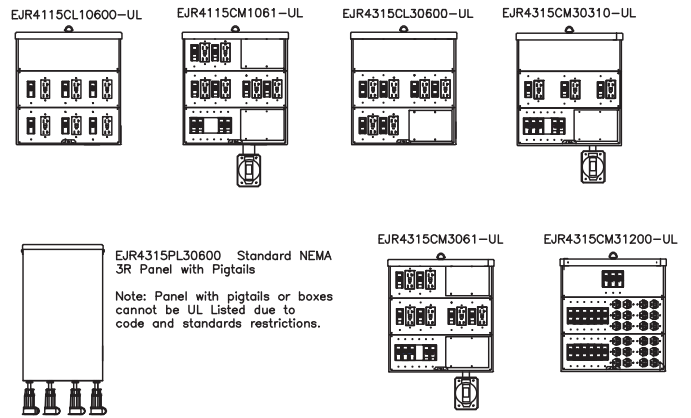
Ericson reserves the right to interchange GFCI circuit breakers with GFCI receptacles

Note: 6 feet of cable installed on primary disconnect sized to transformer. UL Models Only (not shown).

e-Cart™ Jr. - Mobile Transformer Power Distribution Center



UL LISTED FRAME STYLE SHOWN



Note: Panel with pigtails or boxes cannot be UL Listed due to code and standards restrictions.

C M 3 06 0

C = COMBO
P = PANEL

M = SECONDARY PANEL MAIN CB
L = SEC MAIN NOT REQUIRED

OF 50A CIRCUITS*

OF 20A CIRCUITS

3 = 208Y/120 3PH
1 = 120/240 IPH

480 or 600 Volt**

**change the "4" to "6" in the catalog number for 600 volt input

(*For Oscar® + power)

Catalog No.	INPUT POWER				Secondary Info			OUTPUT CONNECTIONS		
	Voltage IN	Phase	Primary Connection	Transformer Size (kVA)	Secondary Voltage OUT	Secondary Panel MCB Installed*	Panel and Connections Style**	Receptacles Installed	Circuit & Personnel Protection	UL Listed
EJR4115CL10600-UL	480	1	6 ft SOW Blunt	15	120/240	n/r	C	(6) 5-15/20 T Slot GFCI DPLX	(6) 20A STD BRKRS	YES
EJR4115CM1061-UL	480	1	6 ft SOW Blunt	15	120/240	YES	C	(6) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	50A ZP C.B. (6) 20A STD BRKRS	YES
EJR4315CL30600-UL	480	3	6 ft SOW Blunt	15	120/208Y	n/r	C	(6) 5-15/20 T Slot GFCI DPLX	(6) 20A STD BRKRS	YES
EJR4315CM30310-UL	480	3	6 ft SOW Blunt	15	120/208Y	YES	C	(3) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	(3) 20A STD BRKRS & (1) 50A 2P C.B.	YES
EJR4315CM3061-UL	480	3	6 ft SOW Blunt	15	120/208Y	YES	C	(6) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	(6) 20A STD BRKRS & (1) 50A 2P C.B.	YES
EJR4315CM31200-UL	480	3	6 ft SOW Blunt	15	120/208Y	YES	C	(12) 5-15/20 T Slot DPLX	(12) 20A GFCI C.B.	YES
EJR4115CL10600	480	1	Hardwire In	15	120/240	n/r	C	(6) 5-15/20 T Slot GFCI DPLX	(6) 20A STD BRKRS	Mfg*
EJR4115CM1061	480	1	Hardwire In	15	120/240	YES	C	(6) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	50A ZP C.B. (6) 20A STD BRKRS	Mfg*
EJR4115PL10600	480	1	Hardwire In	15	120/240	n/r	C	(6) 5-15/20R T Slot (1612-CW6P) PGTLS	(6) 20A GFCI C.B.	Mfg*
EJR4315CL30600	480	3	Hardwire In	15	120/208Y	n/r	C	(6) 5-15/20 T Slot GFCI DPLX	(6) 20A STD BRKRS	Mfg*
EJR4315CM30310	480	3	Hardwire In	15	120/208Y	YES	C	(3) 5-15/20 T Slot GFCI DPLX & (1) CS6369	(3) 20A STD BRKRS & (1) 50A 2P C.B.	Mfg*
EJR4315CM3061	480	3	Hardwire In	15	120/208Y	YES	C	(6) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A	(6) 20A STD BRKRS & (1) 50A 2P C.B.	Mfg*
EJR4315CM31200	480	3	Hardwire In	15	120/208Y	YES	C	(12) 5-15/20 T Slot DPLX	(12) 20A GFCI C.B.	Mfg*
EJR4315PL30600	480	3	Hardwire In	15	120/208Y	n/r	P	(6) 5-15/20R T Slot (1612-CW6P) PGTLS	(6) 20A GFCI C.B.	Mfg*
EJR4315PL3060L	480	3	Hardwire In	15	120/208Y	n/r	P	(6) L5-20R LKG PGTLS	(6) 20A GFCI C.B.	Mfg*
EJR4315PM30310	480	3	Hardwire In	15	120/208Y	YES	P	(3) 5-15/20 T Slot GFCI DPLX & (1) CS6369 50A9	(3) 20A GFCI C.B. & (1) 50A 2P C.B.	Mfg*
EJR4315PM3120	480	3	Hardwire In	15	120/208Y	YES	P	(12) 5-15/20R T Slot (1612-CW6P) PGTLS	(12) 20A GFCI C.B.	Mfg*
EJR4315PM3120L	480	3	Hardwire In	15	120/208Y	YES	P	(6) L5-20R LKG PGTLS	(6) 20A GFCI C.B.	Mfg*

*MFG = Assembled from listed or certified components - assembled cart is not listed.



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Note: Products shown on this page may not be listed.

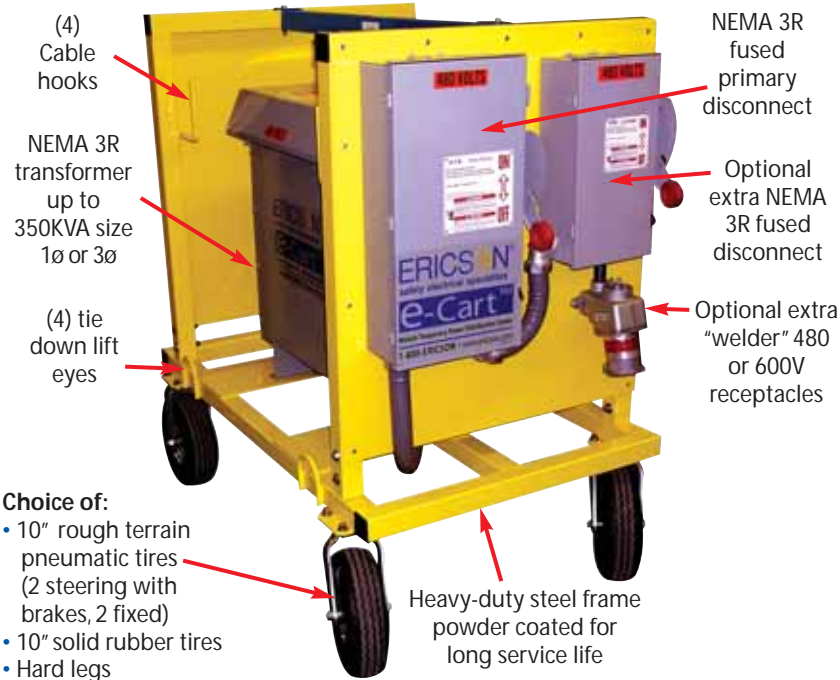
e-Cart 2™ - Mobile Transformer Power Distribution Center

TEMPORARY POWER

The e-Cart 2™ Mobile Temporary Power Distribution Centers for your jobsite.

The basic configuration consists of a:

- Industrial duty powder coated steel frame with lifting eyes, wheels or stands
- Three phase or single phase NEMA 3R 480V or 600V 60Hz ventilated transformer
- NEMA 3R load center with GFCI breakers installed, sized per transformer
- NEMA 3R fused primary disconnect, sized per transformer



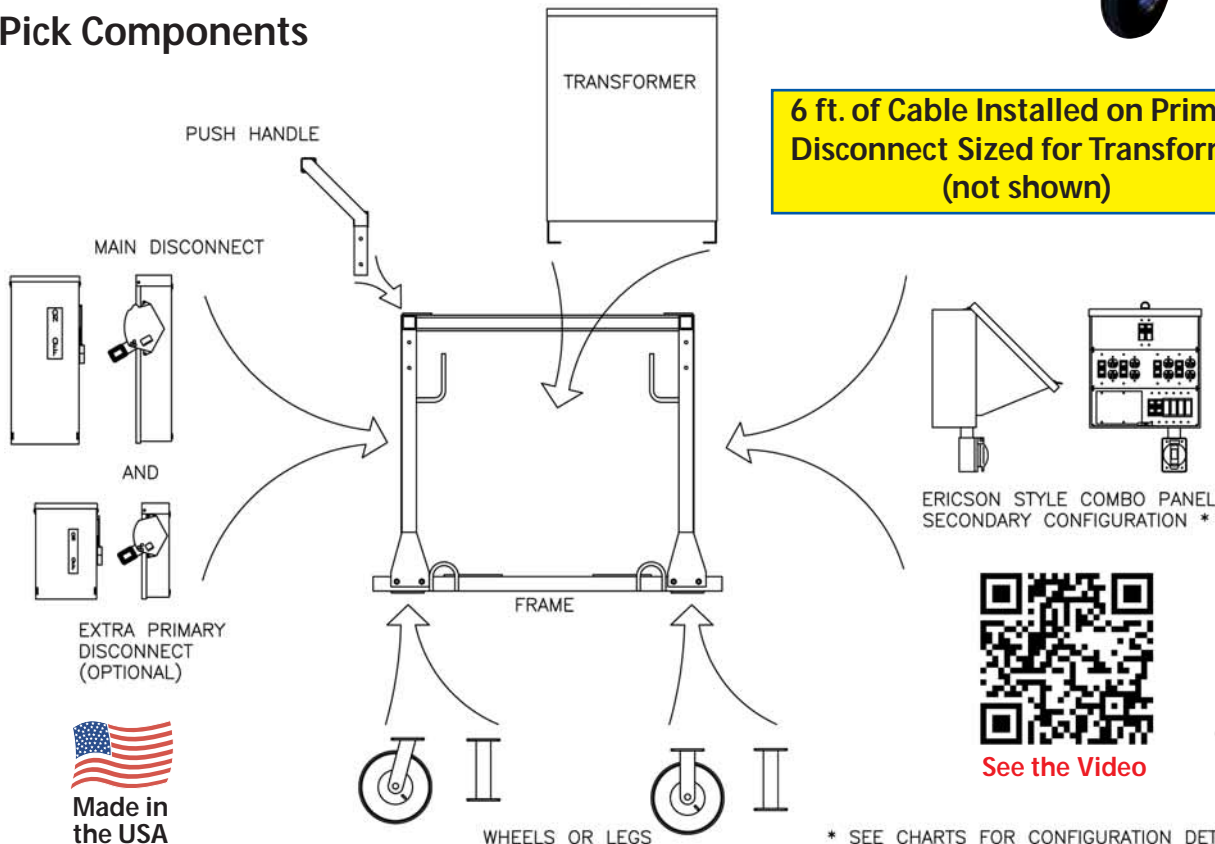
Choice of:

- 10" rough terrain pneumatic tires (2 steering with brakes, 2 fixed)
- 10" solid rubber tires
- Hard legs

***Extend the Power! Order Separately**



U-Pick Components



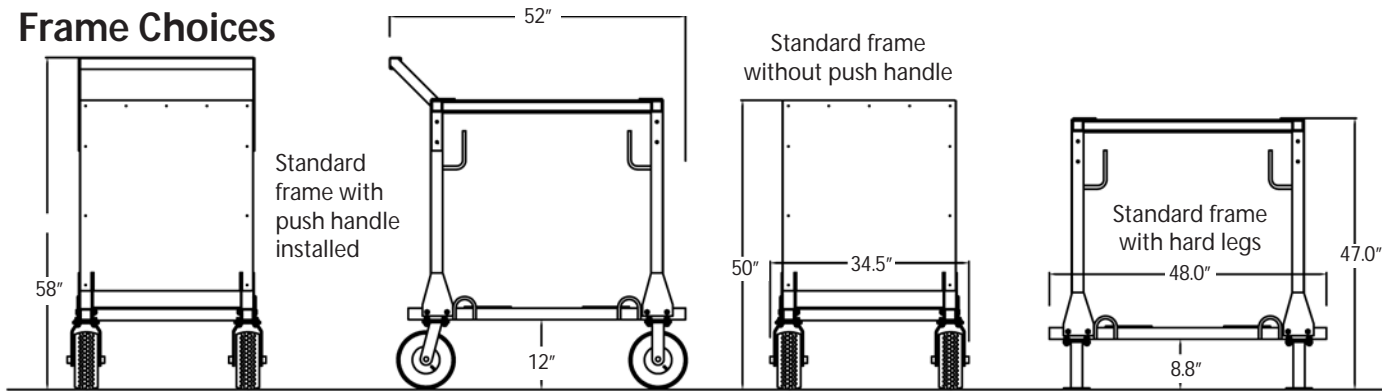
6 ft. of Cable Installed on Primary Disconnect Sized for Transformer (not shown)



See the Video

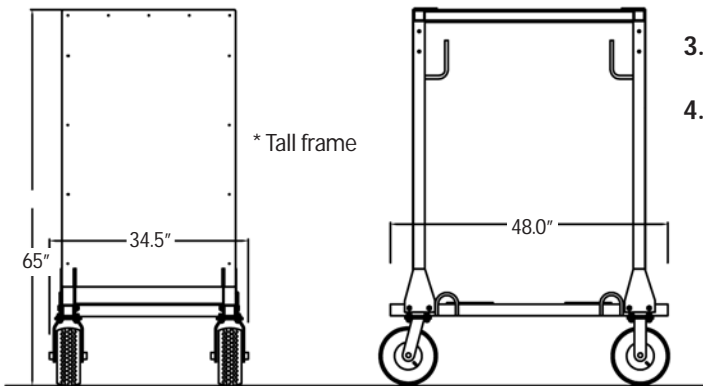
* SEE CHARTS FOR CONFIGURATION DETAILS

Frame Choices



Frame Selection

1. Most configurations require the standard frame.
2. During the quoting process, we will advise you if the taller frame is required.
3. Wheels and legs are easily interchanged on site with simple tools.
4. Leg stands can also be bolted down at jobsite.



* Sometimes required for larger panels



10" Pneumatic wheels



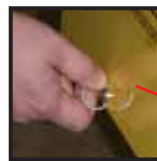
8" Leg stands

Leg bottom plate drilled for floor mounting

Combo Style Load Center

Features:

- All-In-One design with one NEMA 3R rain proof flip lid
- IN USE NEMA 3R rainproof design
- GFCI circuit breaker adjacent to receptacle
- Duplex receptacles offer more electrical connections for maximum jobsite power
- With or without MCB



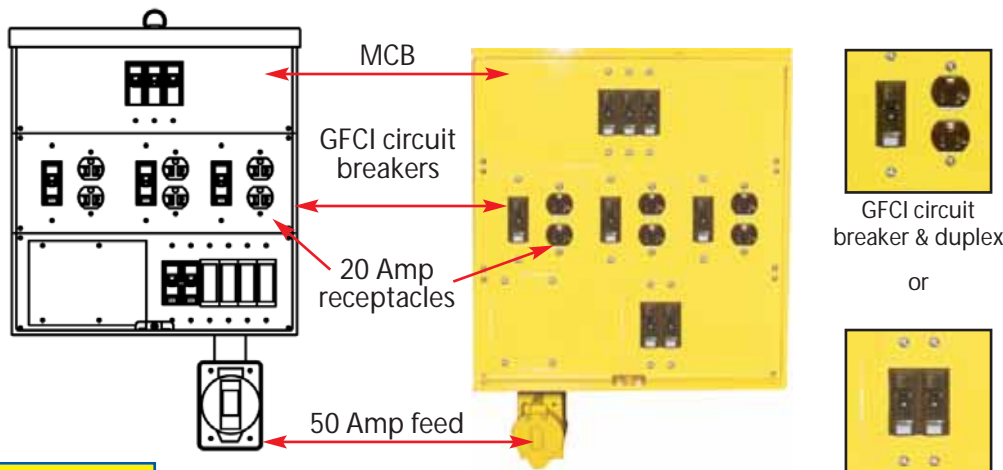
1/4 turn latch

Fold down rain side panels



Rainproof "in-use"

Steel power coated



PATENT PENDING

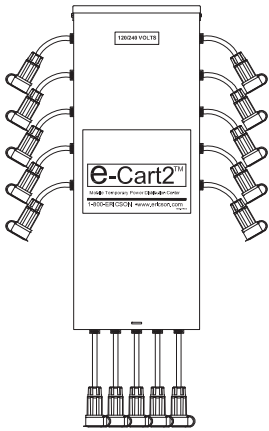
Many combinations available. [See charts](#)



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.
 FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY
 Note: Products shown on this page may not be listed.

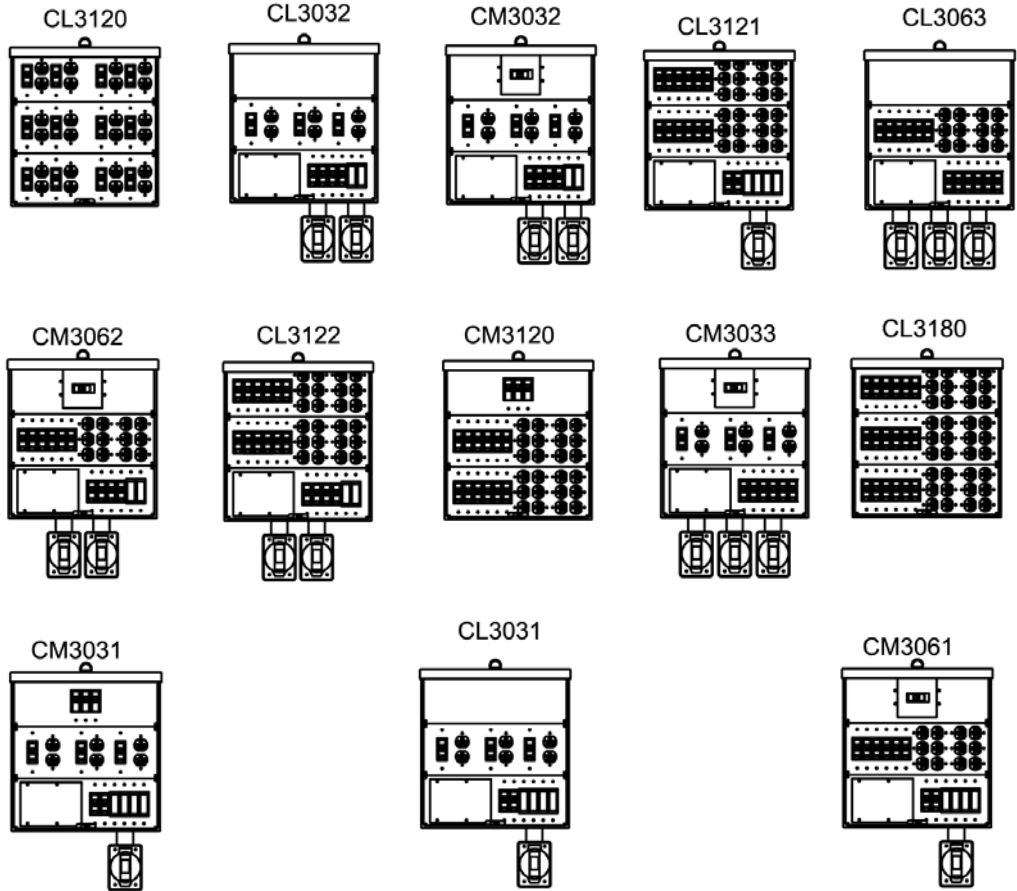
3Ø

120/208V
OUT



PANEL & PIGTAILS STYLE

Standard panel with pigtails (cord & connectors or boxes/receptacles) are available upon request. Note: These configurations CANNOT be "Listed" by any NRTL (UL Listed) due to the configuration. Call for more details.

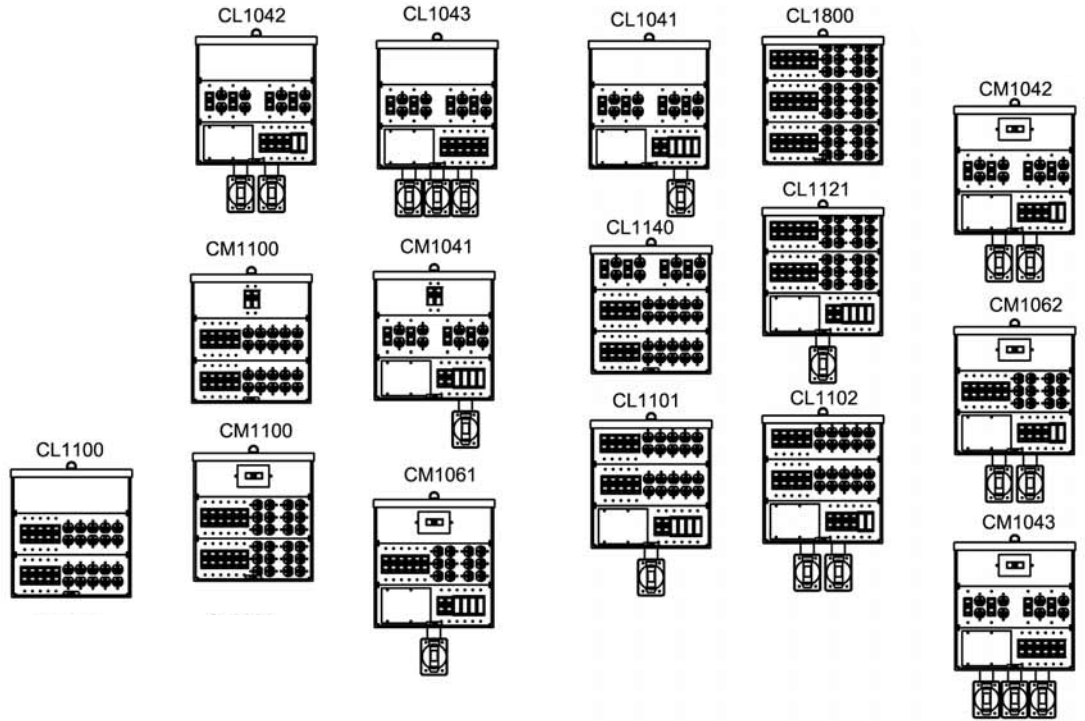
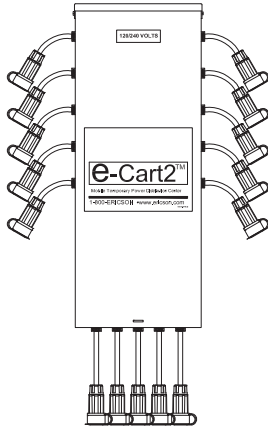


3 Phase 120/208V Secondary Configuration Selections

Secondary Output Configuration	Panel or Ericson Combo Enclosure	Secondary Panel Main Circuit Breaker	# of 20 amp 120V Circuits NEMA 5-20R	# of 50 amp Oscar Feed circuits C56369 Twistlock	Sized for Transformer KVA		
CL3120	Combo	No	12 *	0	30 KVA		
CL3031			3 *	1	30 KVA		
CL3180			18 *	0	45 KVA		
CL3121			12 *	1	45 KVA		
CL3032			3 *	2	45 KVA		
CL3122			12 *	2	75 KVA		
CL3063			6 *	3	75 KVA		
CM3120			Combo	Yes	12 *	0	30 KVA
CM3031					3 *	1	30 KVA
CM3061					6 *	1	45 KVA
CM3032					3 *	2	45 KVA
CM3062					6 *	2	75 KVA
CM3033	3 *	2			75 KVA		

* Duplex 5-20R on combo panels

1Ø
120/240V
OUT



PANEL & PIGTAILS STYLE

Standard panel with pigtails (cord & connectors or boxes/receptacles) are available upon request. Note: These configurations CANNOT be "Listed" by any NRTL (UL Listed) due to the configuration. Call for more details.

1 Phase 120/240V Secondary Selections

Secondary Output Configuration	Panel or Ericson Combo Enclosure	Secondary Main Circuit Breaker	# of 20 amp 120V circuits	# of 50 amp Oscar® Feed circuits	Sized for Transformer KVA
CL1100	Combo	No	10	0	25 KVA
CL1041			4	1	25 KVA
CL1140			14	0	37.5 KVA
CL1101			10	1	37.5 KVA
CL1042			4	2	37.5 KVA
CL1180			18	0	50 KVA
CL1121			12	1	50 KVA
CL1102			10	2	50 KVA
CL1043			4	3	50 KVA
CM1100			Combo	Yes	10
CM1041	4	1			25 KVA
CM1120	12	0			37.5 KVA
CM1061	6	1			37.5 KVA
CM1042	4	2			37.5 KVA
CM1062	6	2			50 KVA
CM1043	4	3			50 KVA



e-Cart 2™ - Custom Configurations

Need a custom e-cart2? We can modify our base design and build a custom e-cart2 to your specifications. Provide us with the changes and any customization specs you would like and let us provide you with a solution today! Call us for details and own your own customized quality built e-cart2.

Customizations available:

- Input Primary switchgear
- Output Secondary Panels and receptacles
- Color
- Labeling and Branding
- Much, much, more...

e-Cart 2™



**Fits Through a
Standard 36"
Doorway!**



EC2

How To Order

Frame

- S - Standard
- H - Hi-boy tall

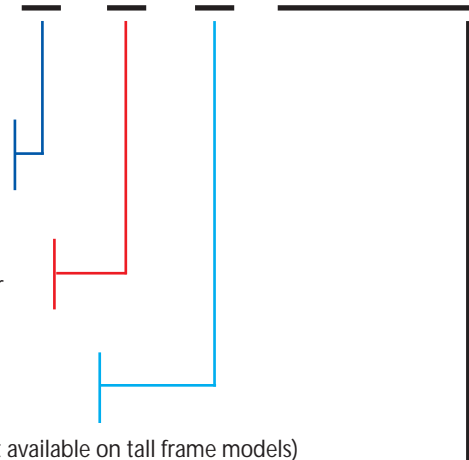
Wheels/Legs

- P - Pneumatic 10"
- S - Solid 10" rubber
- L - 8" leg stands

Push Handle

- H - With handle
- X - No handle

(Note: Handle not available on tall frame models)



ERICSON
www.ericson.com
1-800-ERICSON

Fax This Sheet

1-440-951-1867

or
e-mail to:
quotes@ericson.com

**Delivery Date
Required:**

Quantity:



Power Input	No Extra Primary Disconnect Or Welder Receptacles	480V	480V, 30 KVA w/60A Main Disconnect Switch 480V, 45 KVA w/ 100A Main Disconnect Switch 480V, 75 KVA w/ 200A Main Disconnect Switch 480V, 112.5 KVA w/ 200A Main Disconnect Switch	43030XX 43045XX 43075XX 43112XX
		600V	600V, 30 KVA w/ 60A Main Disconnect Switch 600V, 45 KVA w/ 60A Main Disconnect Switch 600V, 75 KVA w/ 100A Main Disconnect Switch 600V, 112.5 KVA w/ 200A Main Disconnect Switch	63030XX 63045XX 63075XX 63112XX
Main Feed	With Extra Primary Disconnect and/or Welder Receptacles*	480V	480V, 30 KVA w/ 100A Main Disconnect Switch, 30A AUX Switch* 480V, 30 KVA w/ 100A Main Disconnect Switch, 30A AUX Switch, 30A Welding Recept 480V, 45 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch 480V, 45 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch 480V, 45 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch, 30A Welding Recept 480V, 45 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch, 60A Welding Recept 480V, 75 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	43030A3 43030W3 43045A3 43045A6 43045W3 43045W6 43075A6 43075W6
		600V	600V, 30 KVA w/ 100A Main Disconnect Switch, 30A AUX Switch 600V, 45 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch 600V, 45 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch 600V, 75 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch 600V, 75 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	63030A3 63045A3 63045A6 63075A3 63075A6

Power Input	No Extra Primary Disconnect or Welder Receptacles	480V	480V, 25 KVA w/ 100A Main Disconnect Switch 480V, 37.5 KVA w/ 100A Main Disconnect Switch 480V, 50 KVA w/ 200A Main Disconnect Switch	41025XX 41037XX 41050XX
		600V	600V, 25 KVA w/ 60A Main Disconnect Switch 600V, 37.5 KVA w/ 100A Main Disconnect Switch 600V, 50 KVA w/ 100 Main Disconnect Switch	61025XX 61037XX 61050XX
Main Feed	With Extra Primary Disconnect and/or Welder Receptacles*	480V	480V, 25 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch 480V, 37.5 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch 480V, 37.5 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch	41025A3 41037A3 41037A6
		600V	600V, 25 KVA w/ 100A Main Disconnect Switch, 30A AUX Switch 600V, 37.5 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch 600V, 50 KVA w/ 200A Main Disconnect Switch, 30A AUX Switch 600V, 50 KVA w/ 200A Main Disconnect Switch, 60A AUX Switch 600V, 50 KVA w/ 200A Main Disconnect Switch, 100A AUX Switch	61025A3 61037A3 61050A3 61050A6 61050A1

* Requires main circuit breaker in secondary selections.

Secondary Outlet Selection Code

6 Digit Code From Pages 13 & 14

3 Phase - Page 13

1 Phase - Page 14

ALL INFORMATION BELOW MUST BE COMPLETE

Name: _____ Contact Phone: _____
 Company: _____ Ericson Rep if known: _____
 Job/Project: _____
 Address: _____
 City: _____ State: _____ Zip: _____



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 Note: Products shown on this page may not be listed.

Available from Ericson...Oscar® Box Temporary Power Distribution Units

Versatile protection for your jobsite, the Oscar® box is available in many standard GFCI protected configurations or contact the factory for a custom need.

Typical Applications Include:

- Industrial, commercial and residential construction projects
- General maintenance and repair work (MRO) in industrial facilities
- Temporary power distribution at carnivals, circuses, fairs & similar events
- Convention centers to distribute power for exhibitions & maintenance
- Photo studios to distribute power to flash & other photographic equipment



1066 Series Basic Contractor PDU Features:

- CS6375 50Amp, 125/250V power inlet.
- Six(6) NEMA 5-20 (20A,125V) straight blade duplex receptacles with circuit breaker and GFCI protection.
- Each NEMA 5-20 outlet is individually GFCI protected.
- One(1) NEMA L6-30(30A,250V) locking outlet with circuit breaker protection.
- 50A, 125/250V power outlet.
- Indoor & outdoor models.



1067-LC Series Industrial PDU Features:

- CS6375 50Amp, 125/250V power inlet.
- FS series weather-resistant flip seal outlet covers protect each outlet. Use with Ericson's Perma-Tite® plug to provide maximum weather resistance.
- Six(6) NEMA 5-20 (20A,125V) straight blade receptacles with circuit breaker and GFCI protection.
- Each NEMA 5-20 outlet is individually GFCI protected.
- One(1) NEMA L6-30(30A,250V) locking outlet with circuit breaker protection.
- 50A, 125/250V power outlet.
- Indoor & outdoor models.



1067 Series Deluxe Electronic Industrial PDU Features:

- CS6375 50Amp, 125/250V power inlet.
- Input power diagnostic module (IPDM), adjacent to power inlet, provides visual indication of supply power status - easy to read chart for quick reference. Standard on all models and field replaceable.
- Exclusive voltage monitor modules (VMM) continuously monitors voltage - if supply voltage falls outside of safe operating range VMM disconnects power to GFCIs/outlets.
- Polycarbonate window allows you to quickly see status of each circuit breaker.
- Each NEMA 5-20 outlet is individually GFCI protected.



1068 Series 3 Phase 208V PDU Features:

- Choice of main inlet types - IEC309 power-inlet and power-outlet or camlok
- Exclusive IPDM module installed
- GFCI or non-gfci circuit breakers available
- Receptacles protected by Ericson's FS Series flip seal covers
- Camlok inputs available



Ericson P/N	Page #	Electrical Rating	Receptacle Flip Covers	GFCI & C.B. Protected 20A Circuits	NON-GFCI 30A C.B.	GFCI C.B. For 30A Circuit	5-20R Duplexes	L6-30R Single Recept	5-20R Straight Recepts	L5-20R Recepts (Single)	Daisy Chain Feed Thru Recept W/ Flip Cover	IPDM module	VMM modules
1066	21-22	125/250V 1PH 4W 50A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		6	1			<input checked="" type="checkbox"/>		
1066-B	21-22	125/250V 1PH 4W 50A		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	6	1			<input checked="" type="checkbox"/>		
1066FS	21-22	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		6	1			<input checked="" type="checkbox"/>		
1066-BFS	21-22	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	6	1			<input checked="" type="checkbox"/>		
1067-LC	23-24	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1	6		<input checked="" type="checkbox"/>		
1067-ALC	23-24	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1		6	<input checked="" type="checkbox"/>		
1067-BLC	23-24	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		1	6		<input checked="" type="checkbox"/>		
1067-CLC	23-24	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		1		6	<input checked="" type="checkbox"/>		
1067-LCNF	23-24	125/250V 1PH 4W 50A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1	6		<input checked="" type="checkbox"/>		
1067-ALCNF	23-24	125/250V 1PH 4W 50A		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1		6	<input checked="" type="checkbox"/>		
1067-BLCNF	23-24	125/250V 1PH 4W 50A		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		1	6		<input checked="" type="checkbox"/>		
1067-CLCNF	23-24	125/250V 1PH 4W 50A		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		1		6	<input checked="" type="checkbox"/>		
1067	25-26	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1067-A	25-26	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			1		6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1067-B	25-26	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		1	6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
1067-C	25-26	125/250V 1PH 4W 50A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		1		6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3 PHASE	27-28							L21-20	5-20	L5-20			
1068	27-28	208Y/120V 3PH 5W 60A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1068-A	27-28	208Y/120V 3PH 5W 60A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1068-C	27-28	208Y/120V 3PH 5W 125A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1068-1	27-28	208Y/120V 3PH 5W 100A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				2	4		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1068-1A	27-28	100A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				2		4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1068-1C	27-28	125A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					6		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	



Oscar® Temporary Power Distribution Centers - 1066 Series

* TEMPORARY POWER *

The 1066 Oscar® Box, Temporary Power Distribution Unit for your jobsite.

Typical Applications Include:

- Industrial, commercial and residential construction projects
- General maintenance and repair work (MRO) in industrial facilities
- Temporary power distribution at carnivals, circuses, fairs & similar events
- Convention centers to distribute power for exhibitions & maintenance
- Photo studios to distribute power to flash & other photographic equipment



- Unit is field repairable by qualified personnel. Parts list and wiring diagram appear on underside of lid.
- Product label with clear markings for easy identification of model number, serial number and specifications.

Power inlet & outlet clearly marked on lid for quick identification.

Heavy-duty safety yellow powder-coated enclosure.

Each NEMA 5-20 outlet is individually GFCI protected with open neutral protection.

50A, 125/250V power outlet.

CS6369 50A, 125/250V power outlet.

Manual power-up GFCIs require user to press reset button upon plug-in, after power loss to prevent accidental equipment start-up and in the event of a ground fault to restore power.

Heavy-duty powder-coated steel skids to insure rugged, dependable jobsite performance.

CS6369 50A, 125/250V power outlet.

• A variety of accessories are available.



Flip covers protects outlets from damage & the weather.



CS6375 50Amp 125/250v power inlet

Flip up door protects circuit breakers from damage & weather



Selection Guide

Catalog Number	1066	1066-B	1066-FS	1066-BFS
Electrical Rating	50A 125/250V 6250W/12500W	50A 125/250V 6250W/12500W	50A 125/250V 6250W/12500W	50A 125/250V 6250W/12500W
Enclosure	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated
Environmental/NEMA Rating	Indoor Use Only	Indoor Use Only	Indoor/Outdoor 3R	Indoor/Outdoor 3R
Receptacles				
A Type (6 per box)	NEMA 5-20 T Slot Duplex (125V 20A)	NEMA 5-20 T Slot Duplex (125V 20A)	NEMA 5-20 T Slot Duplex (125V 20A)	NEMA 5-20 T Slot Duplex (125V 20A)
Qty.	6	6	6	6
GFCI Protection	Yes	Yes	Yes	Yes
Overload Protection	Yes - 1P 20A C.B. (1 per Duplex)	Yes - 1P 20A C.B. (1 per Duplex)	Yes - 1P 20A C.B. (1 per Duplex)	Yes - 1P 20A C.B. (1 per Duplex)
Flip Covers	No	No	Yes	Yes
B Type (1 Per Box)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)
Qty.	1	1	1	1
240V GFCI Protection	No	Yes	No	Yes
Overload Protection	Yes - 2P NON-GFCI	Yes - 2P GFCI	Yes - 2P NON-GFCI	Yes - 2P GFCI
Flip Covers	No	No	Yes	Yes
Main Power Inlet	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)
Inlet Flip Cover	No	No	Yes	Yes
Main Power Outlet (Mains Feed Thru)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)
Mains Feed thru Flip Cover	Yes	Yes	Yes	Yes
Weight (lbs.)	34	34	36	36
Dimensions	22.5"L x 16.25"W x 11.75"H	22.5"L x 16.25"W x 11.75"H	22.5"L x 16.25"W x 11.75"H	22.5"L x 16.25"W x 11.75"H

1. Contact factory for custom assemblies

Accessories

Cat. Number	Description
63DSO ⁽¹⁾	Cord set, 100'; #6/3 - 8/1 SO 50A 125V/250V
63BSO ⁽¹⁾	Cord set, 50'; #6/3 - 8/1 SO 50A 125V/250V
SR50	Power Outlet Receptacle in weatherproof box with lift cover and 24" leads 50A, 125V/250V

⁽¹⁾ Also available as a secondary cable assembly - cord with connector only - to hard wire into your power source.



63DSO



SR50



63YSTW

See Our Complete Line of 50Amp Power Cords in the Power Cord Section



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Oscar® Temporary Power Distribution Centers - 1067LC Series

TEMPORARY POWER

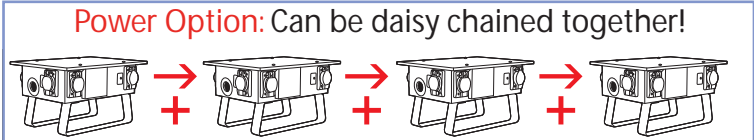
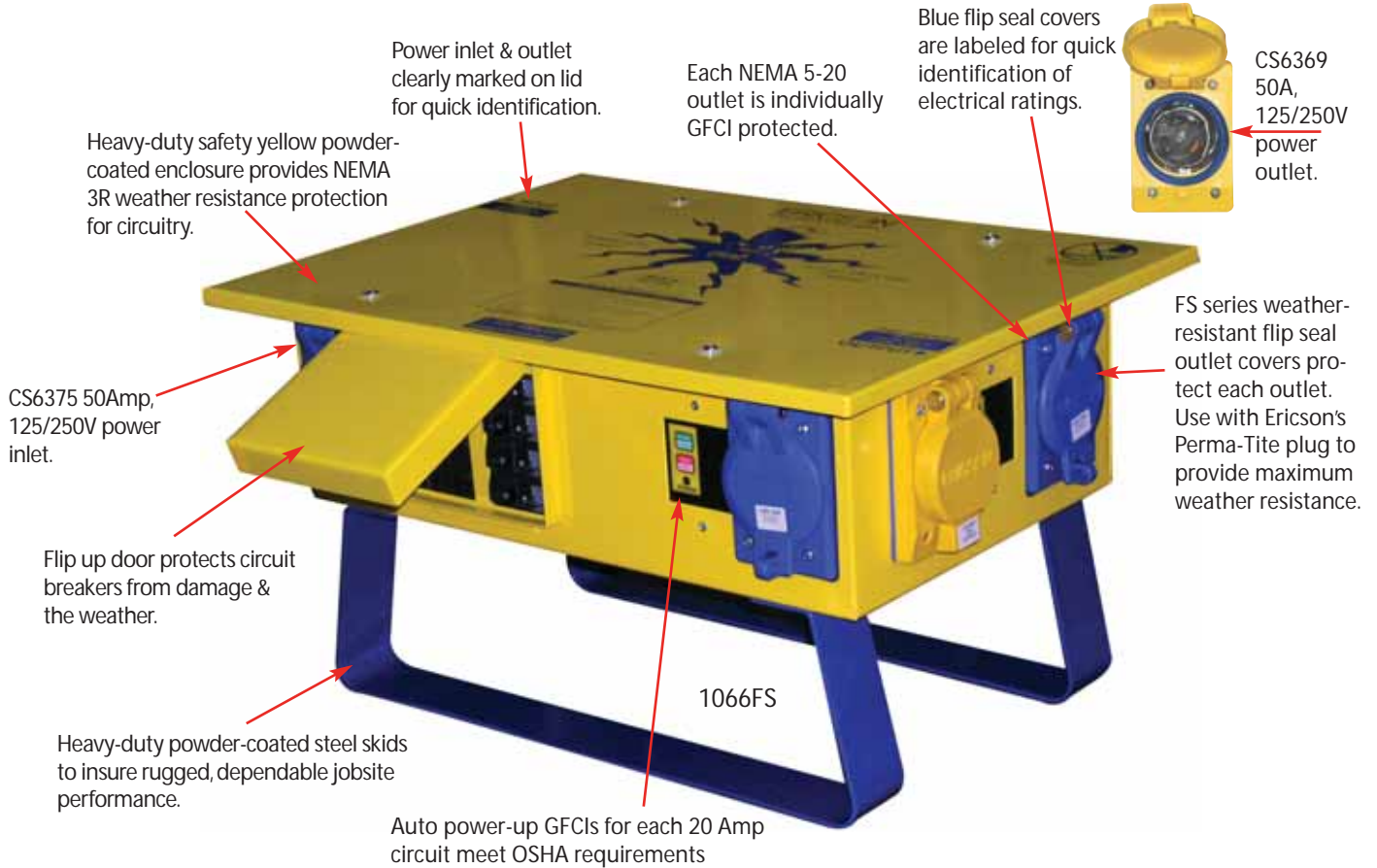
The 1067-LC Oscar® Box, Temporary Power Distribution Unit for your jobsite.

Typical Applications Include:

- Industrial, commercial and residential construction projects
- General maintenance and repair work (MRO) in industrial facilities
- Temporary power distribution at carnivals, circuses, fairs & similar events
- Convention centers to distribute power for exhibitions & maintenance
- Photo studios to distribute power to flash & other photographic equipment

Meets OSHA & NEC Codes for jobsites and carnivals, fairs and outdoor events.

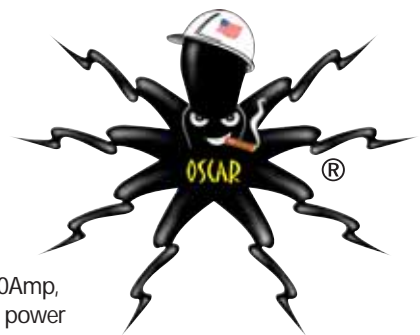
- Unit is field repairable by qualified personnel. Parts list and wiring diagram appear on underside of lid.



- Product label with clear markings for easy identification of model number, serial number and specifications.



CS6375 50Amp, 125/250V power inlet.



Selection Guide

Catalog Number	1067-LC*	1067-ALC*	1067-BLC*	1067-CLC*
Electrical Rating	50A 125/250V	50A 125/250V	50A 125/250V	50A 125/250V
	6250W/12500W	6250W/12500W	6250W/12500W	6250W/12500W
Enclosure	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated
Environmental/NEMA Rating	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R
Receptacles				
A Type (6 per box)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)
Qty.	6	6	6	6
GFCI Protection	Yes	Yes	Yes	Yes
Overload Protection	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)
Flip Covers	No	No	Yes	Yes
B Type (1 Per Box)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)
Qty.	1	1	1	1
240V GFCI Protection	No	No	Yes	Yes
Overload Protection	Yes - 2P NON-GFCI	Yes - 2P NON-GFCI	Yes - 2P GFCI	Yes - 2P GFCI
Flip Covers	Yes	Yes	Yes	Yes
Main Power Inlet	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)
Inlet Flip Cover	Yes	Yes	Yes	Yes
Main Power Outlet (Mains Feed Thru)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)
Mains Feed thru Flip Cover	Yes	Yes	Yes	Yes
Weight (lbs.)	35	35	37	37
Dimensions	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W	22.5"L x 16.25"W
	x 11.75"H	x 11.75"H	x 11.75"H	x 11.75"H

* NF models are rated for INDOOR ONLY and do not have flip covers installed.

Accessories

Cat. Number	Description
63DSO ⁽¹⁾	Cord set, 100', #6/3 - 8/1 SO 50A 125V/250V
63BSO ⁽¹⁾	Cord set, 50', #6/3 - 8/1 SO 50A 125V/250V
SR50	Power Outlet Receptacle in weatherproof box with lift cover and 24" leads 50A, 125V/250V

⁽¹⁾ Also available as a secondary cable assembly - cord with connector only - to hard wire into your power source.



63DSO

SR50

63YSTW

See Our Complete Line of 50Amp Power Cords in the Power Cord Section



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Oscar® Deluxe Temporary Power Distribution Centers - 1067 Series

TEMPORARY POWER

The 1067 Oscar® Box, Temporary Power Distribution Unit for your jobsite.

Typical Applications Include:

- Industrial, commercial and residential construction projects
- General maintenance and repair work (MRO) in industrial facilities
- Temporary power distribution at carnivals, circuses, fairs & similar events
- Convention centers to distribute power for exhibitions & maintenance
- Photo studios to distribute power to flash & other photographic equipment



- Unit is field repairable by qualified personnel. Parts list and wiring diagram appear on underside of lid.

FEATURE

Power inlet & outlet clearly marked on lid for quick identification.

Heavy-duty safety, yellow powder-coated enclosure provides NEMA 3R weather resistance protection for circuitry.

Each NEMA 5-20 outlet is individually GFCI protected.

Yellow flip seal covers are labeled for quick identification of electrical ratings.

CS6369 50A, 125/250V power outlet.

FS series weather-resistant flip seal outlet covers protect each outlet. Use with Ericson's Perma-Tite plug to provide maximum weather resistance.

Auto power-up GFCIs for each 20 Amp circuit meet OSHA requirements

Input power diagnostic module (IPDM) (details below)

CS6375 50Amp, 125/250V power inlet.

Heavy-duty powder-coated steel skirts to insure rugged, dependable jobsite performance.

Flip up door protects circuit breakers from damage & the weather.

Polycarbonate window allows you to quickly see status of each circuit breaker.

Threaded studs spot welded to inside of enclosure for mounting GFCIs minimizing screw-heads on outside which reduces number of areas to snag cords & clothing.

FEATURE

Exclusive voltage monitor modules (VMM) (details below)

IPDM

INPUT POWER DIAGNOSTIC MODULE			
This module is designed to indicate the incoming power to insure safe and proper operation. Failure to correct any incorrect wiring situations could result in injury or equipment damage.			
<p>CORRECT</p> <p>●●●●</p>	<p>IPDM</p> <p>●●●●</p>	<p>NO POWER or NO NEUT AND GND</p> <p>●●●●</p>	
<p>●●●● OPEN GND</p>	<p>●●●● HOT2 / GND REV</p>	<p>●●●●</p>	
<p>●●●● OPEN NEUT</p>	<p>●●●● HOT1 / NEUT REV</p>	<p>●●●●</p>	
<p>●●●● OPEN HOT1</p>	<p>●●●● HOT1 / GND REV</p>	<p>●●●●</p>	
<p>●●●● OPEN HOT2</p>	<p>●●●● HOT2 / NEUT REV</p>	<p>●●●●</p>	
<p>NOTICE: Correct any of these conditions before energizing circuit breakers.</p>			

Input power diagnostic module (IPDM), adjacent to power inlet, provides visual indication of supply power status - easy to read chart for quick reference. Standard on all models and field replaceable.

VMM

<p>V</p> <p>M</p> <p>M</p>	<p>LOW VOLTAGE SHUTDOWN</p> <p>This electronic module has detected low voltage on this phase and has shutdown the receptacles and GFCI modules connected. Correct this condition before operating. The GFCI modules will not reset until this condition has been corrected.</p>
	<p>HIGH VOLTAGE SHUTDOWN</p> <p>This electronic module has detected high voltage on this phase and has shutdown the receptacles and GFCI modules connected. Correct this condition before operating. The GFCI modules will not reset until this condition has been corrected.</p>

Exclusive voltage monitor modules (VMM) continuously monitors voltage - if supply voltage falls outside of safe operating range VMM disconnects power to GFCIs/ outlets.



Selection Guide

Catalog Number	1067	1067-A	1067-B	1067-C
Electrical Rating	50A 125/250V 6250W/12500W	50A 125/250V 6250W/12500W	50A 125/250V 6250W/12500W	50A 125/250V 6250W/12500W
Enclosure	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated
Environmental/NEMA Rating	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R
Special Electronics Features Installed				
IPDM (Input Power Diagnostic Module) 24/7 LED indication of correct MAIN POWER connection	Yes - 1 per box - 4 LED (3 green and 1 Red)	Yes - 1 per box - 4 LED (3 green and 1 Red)	Yes - 1 per box - 4 LED (3 green and 1 Red)	Yes - 1 per box - 4 LED (3 green and 1 Red)
VMM (Voltage Monitor Module per phase) Causes GFCI circuits to open if voltage exceeds 150V or below 90V to protect equipment.	Yes - 2 per box (1 per hot line) each VMM controls 3 GFCI circuits	Yes - 2 per box (1 per hot line) each VMM controls 3 GFCI circuits	Yes - 2 per box (1 per hot line) each VMM controls 3 GFCI circuits	Yes - 2 per box (1 per hot line) each VMM controls 3 GFCI circuits
Receptacles				
A Type (6 per box)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)
Qty.	6	6	6	6
GFCI Protection	Yes	Yes	Yes	Yes
Overload Protection	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)
Flip Covers	No	No	Yes	Yes
B Type (1 Per Box)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)	L6-30 (30A, 250V)
Qty.	1	1	1	1
240V GFCI Protection	No	No	Yes	Yes
Overload Protection	Yes - 2P NON-GFCI	Yes - 2P NON-GFCI	Yes - 2P GFCI	Yes - 2P GFCI
Flip Covers	Yes	Yes	Yes	Yes
Power Inlet	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)	4W CS6375 (50A,125/250V)
Inlet Flip Cover	Yes	Yes	Yes	Yes
Power Outlet (Mains Feed Thru)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)	4W CS6369 (50A,125/250V)
Mains Feed thru Flip Cover	Yes	Yes	Yes	Yes
Weight (lbs.)	35	35	37	37
Dimensions	22.5"L x 16.25"W x 11.75"H	22.5"L x 16.25"W x 11.75"H	22.5"L x 16.25"W x 11.75"H	22.5"L x 16.25"W x 11.75"H



63DSO



SR50



63YSTW

Accessories

Cat. Number	Description
63DSO ⁽¹⁾	Cord set, 100', #6/3 - 8/1 SO 50A 125V/250V
63BSO ⁽¹⁾	Cord set, 50', #6/3 - 8/1 SO 50A 125V/250V
63DST	Cord set, 100', #6/3 & #8/1 (Gnd) 50A
63YSTW	Cord set, 3 ft. "Y" #6/3 & #8/1 (Gnd) 50A
SR50	Power Outlet Receptacle in weatherproof box with lift cover and 24" leads 50A, 125V/250V

See Our Complete Line of
50Amp Power Cords in the
Power Cord Section

⁽¹⁾ Also available as a secondary cable assembly - cord with connector only - to hard wire into your power source.



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

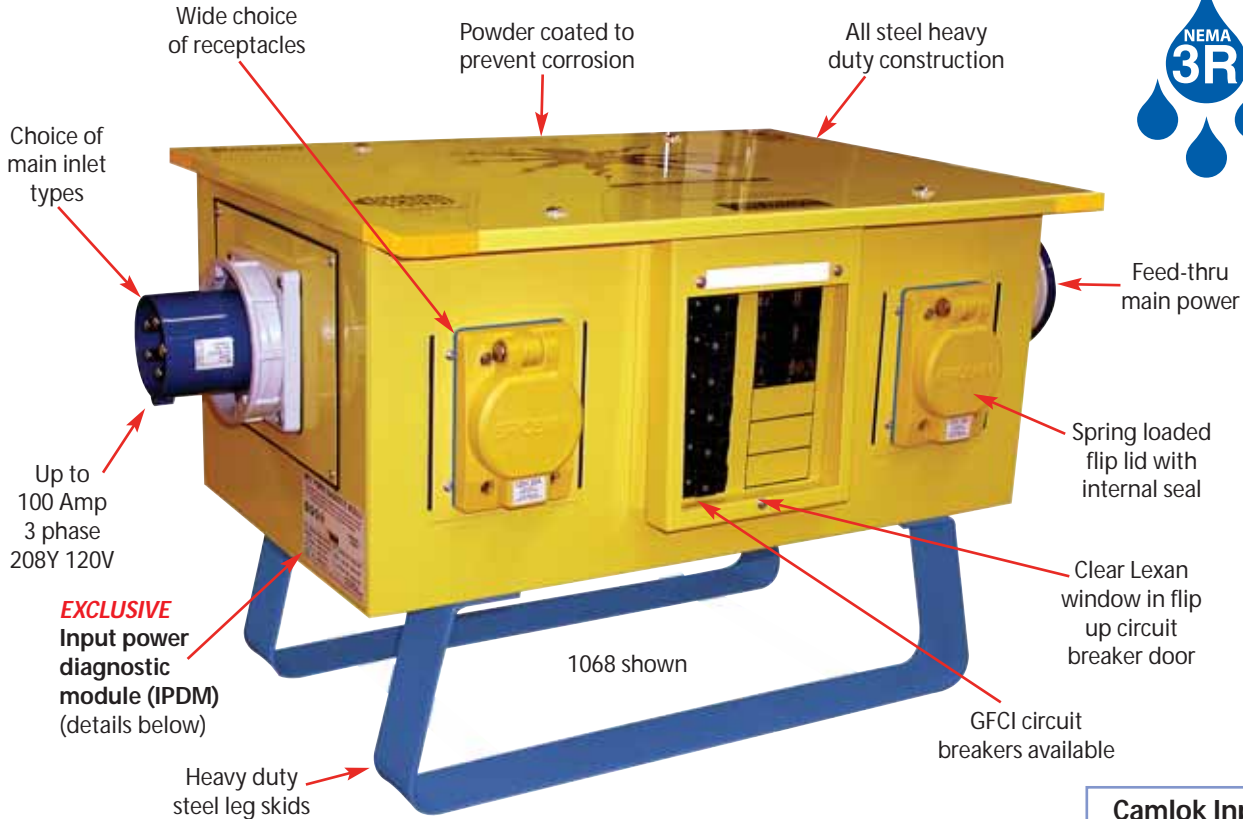
Note: Products shown on this page may not be listed.



1068 Magnum 3 Phase Oscar Box

Features:

- IEC309 power-inlet and power-outlet or camlok
- Receptacles protected by Ericson's FS Series flip seal covers
- Clear polycarbonate window allows visual identification of circuit breaker status



EXCLUSIVE
Input power diagnostic module (IPDM)
(details below)

IPDM

INPUT POWER DIAGNOSTIC MODULE
This module is designed to indicate the incoming power to insure safe and proper operation. Failure to correct any incorrect wiring situations could result in injury or equipment damage.

●●●● CORRECT	I P D M	●●●● NO POWER or NO NEUT AND GND
●●●● OPEN GND	●●●●	●●●● HOT2 / GND REV
●●●● OPEN NEUT	●●●●	●●●● HOT1 / NEUT REV
●●●● OPEN HOT1	●●●●	●●●● HOT1 / GND REV
●●●● OPEN HOT2	●●●●	●●●● HOT2 / NEUT REV

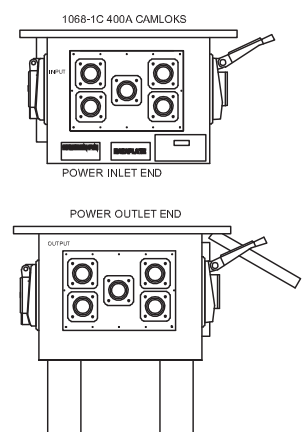
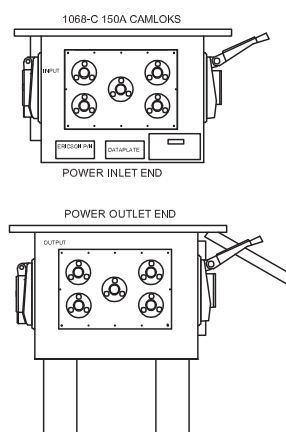
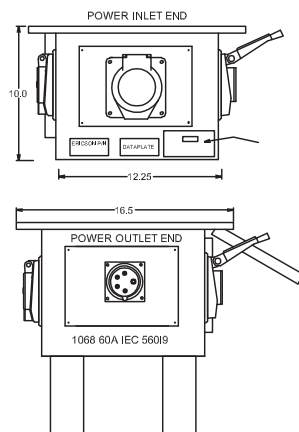
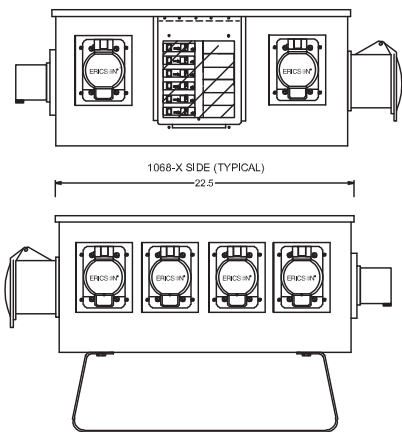
NOTICE: Correct any of these conditions before energizing circuit breakers.

Input power diagnostic module (IPDM), adjacent to power inlet, provides visual indication of supply power status - easy to read chart for quick reference. Standard on all models and field replaceable.



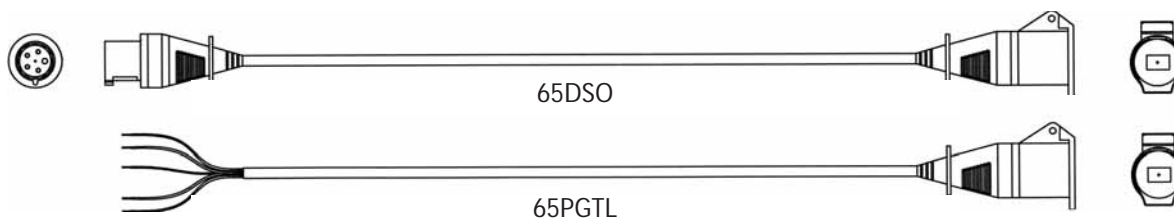
**3ØY 120/208
60 & 100 Amp
Inlets**

Camlok Input Available



Selection Guide

Catalog Number	1068	1068-A	1068-C	1068-1	1068-1A	1068-1C
Electrical Rating	3 Ph 208Y/120 60A	3 Ph 208Y/120 60A	3 Ph 208Y/120 125A	3 Ph 208Y/120 100A	3 Ph 208Y/120 100A	3 Ph 208Y/120 125A
Enclosure	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated	Steel Welded Powder Coated
Environmental/NEMA Rating	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R	Indoor/Outdoor 3R
Special Electronics Features Installed						
IPDM (Input Power Diagnostic Module) 24/7 LED indication of correct MAIN POWER connection	Yes - 1 per box - 5 LED (4 green and 1 Red)	Yes - 1 per box - 5 LED (4 green and 1 Red)	Yes - 1 per box - 5 LED (4 green and 1 Red)	Yes - 1 per box - 5 LED (4 green and 1 Red)	Yes - 1 per box - 5 LED (4 green and 1 Red)	Yes - 1 per box - 5 LED (4 green and 1 Red)
Receptacles						
A Type	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)	NEMA 5-20 T Slot Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)	NEMA L5-20 Locking Single (125V 20A)
Qty.	6	6	6	4	4	6
GFCI Protection	Yes	Yes	Yes	Yes	Yes	Yes
Overload Protection	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)	Yes - 1P 20A C.B. (1 per Receptacle)
Flip Covers*	Yes	Yes	Yes	Yes	Yes	Yes
B Type	n/a	n/a	n/a	NEMA L21-20R (208V 3PH 5W 20A)	NEMA L21-20R (208V 3PH 5W 20A)	n/a
Qty.	n/a	n/a	n/a	2	2	n/a
GFCI Protection	n/a	n/a	n/a	No	No	n/a
Overload Protection	n/a	n/a	n/a	Yes - 3P C.B. per circuit	Yes - 3P C.B. per circuit	n/a
Flip Covers*	n/a	n/a	n/a	Yes	Yes	n/a
Main Power Inlet	5W 208V 60A IEC 5 pin 560I9 Configuration	5W 208V 60A IEC 5 pin 560I9 Configuration	CAMLOKS (150 Amp size) 5 color Male L1,L2,L3,N,G	5W 208V 100A IEC 5 pin 5100I9 Configuration	5W 208V 100A IEC 5 pin 5100I9 Configuration	CAMLOKS, LARGE (400 Amp size) 5 color Male L1,L2,L3,N,G
Inlet Flip Cover	No	No	No	No	No	No
Main Power Outlet (Mains Feed Thru)	5W 208V 60A IEC 5 pin 560R9 Configuration	5W 208V 60A IEC 5 pin 560R9 Configuration	CAMLOKS (150 Amp size) 5 color Female L1,L2,L3,N,G	5W 208V 100A IEC 5 pin 5100R9 Configuration	5W 208V 100A IEC 5 pin 5100R9 Configuration	CAMLOKS, LARGE (400 Amp size) 5 color Female L1,L2,L3,N,G
Mains Feed thru Flip Cover	Yes	Yes	Yes - Individual flips per camlok	Yes	Yes	Yes - Individual flips per camlok
Weight (lbs.)	42	42	44	44	44	46
Dimensions	22.5"L x 16.25"W x 16.25"H	22.5"L x 16.25"W x 16.25"H	22.5"L x 16.25"W x 16.25"H	22.5"L x 16.25"W x 16.25"H	22.5"L x 16.25"W x 16.25"H	22.5"L x 16.25"W x 16.25"H



Cat. Number	Rating	Length (ft)	Cord Size	Cord Type	Plug	Connector
IEC Style Cordsets						
65BSO	60 A	50	#6/5	SO	4P 5W 60 Amp IEC 560P9E or equiv	4P 5W 60 Amp IEC 560C9E or equiv
65DSO		100				
65PGTL-50		50				
65PGTL-100		100			Blunt - ROJ 12"	
45BSO	100 A	50	#4/5	G	4P 5W 100 Amp IEC 5100P9E or equiv	4P 5W 100 Amp IEC 5100C9E or equiv
45DSO		100				
45PGTL-25		25				
45PGTL-50		50				
45PGTL-100		100			Blunt - ROJ 12"	



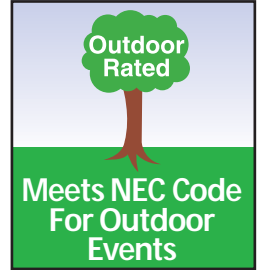
Oscar® 2 - Expo Series Temporary Power Distribution Centers

* TEMPORARY POWER *

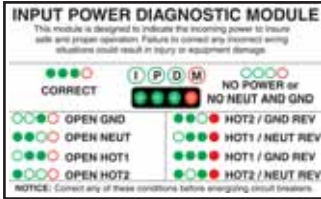
When you need a temporary power distribution box that will meet your requirements, look to the Oscar® 2 Series from Ericson. The flexible design platform of the new Oscar® 2 allows you to configure a Temporary Power Distribution Center that is right for you. The Oscar® 2 Expo Series picks up where the 1066/1067 leaves off.

Typical Applications Include:

- Convention Centers · Outdoor Events · Festivals · Carnivals, etc. · Concerts · Stage & Studio
- Meets NEC 525 for venue temporary power
- Meets OSHA requirements for public venue power



IPDM



Ericson exclusive IPDM (input power diagnostic module) monitors incoming power & tests for 7 commonly found wiring problems & provides visual indication of power status with easy to read LEDs

Choice of metal flip top or smoke clear removable top enables visual inspection without entering the panel

Two side panels accommodate a wide range of devices

125A, 120/208V, 4P5W, IEC309 power inlet shown



Main power feed thru option**

Front & rear panels accommodate a wide range of standard devices

Up to 19* available slots accommodate a variety of devices

Custom Oscar® 2 Expo Series with color-coded duplex receptacles

Other power input options include single-phase and CAM type devices

Optional removable leg assemblies enable the panel to be used in a variety of configurations



OS2E03100XPML D
Outdoor version



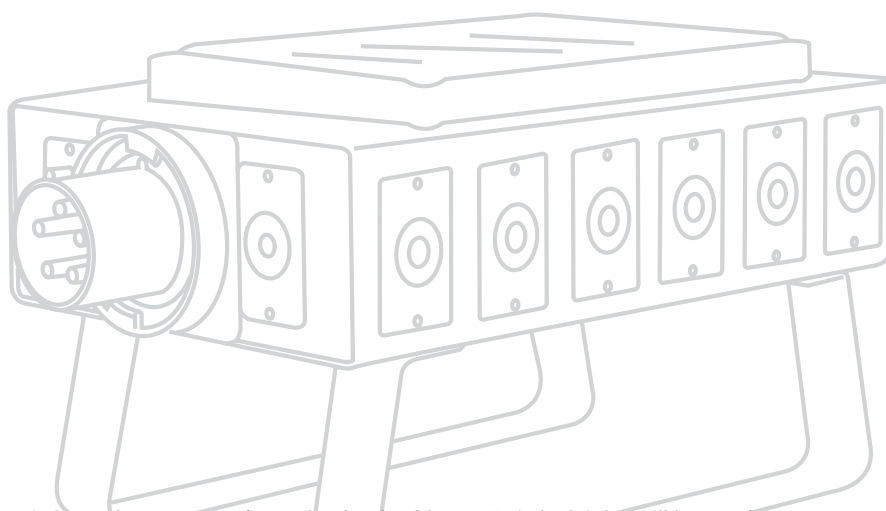
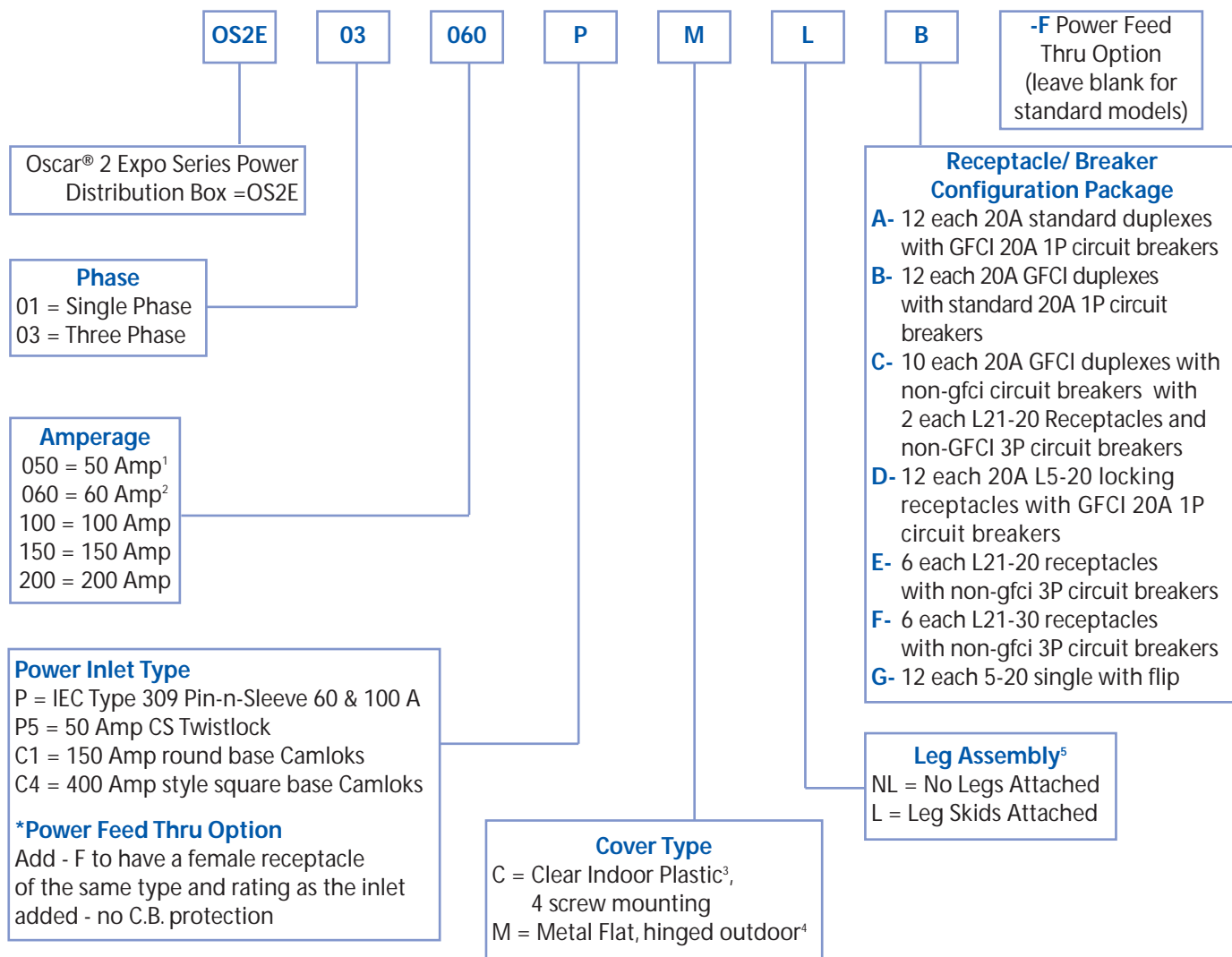
OS2E03100C4CNLE
Indoor version



*12 standard side slots

**Main feed thru receptacle is optional and not standard on this series

Oscar® 2 Expo Series Catalog Number Structure



Notes:

1. Selection of 50 Amp is for 1 phase 4W 120/240V feed only. CS6375 Twistlock inlet will be used.
2. Selection of 60 Amp is for 3 phase 5W 208/120V feed only. IEC 560B9X inlet will be used.
3. Selection of the Indoor Plastic cover will automatically place non-flip cover face covers over the receptacles.
4. Selection of the Outdoor Metal Cover will automatically select FS style flip covers with internal plug grip seals.
5. Leg assemblies required for all outdoor events per NEC 525.

Military Temporary Power Distribution Center

* TEMPORARY POWER *

Ericson's Oscar® 2-Tactical Temporary Power Distribution Center is built to Military Requirements. Based on the award-winning Oscar® box, the Oscar® 2 has been customized to meet the demands of Military personnel. It features a military style Class L Inlet and Feed thru, Ericson exclusive Input Power Diagnostic Module (IPDM) both GFCI and non-GFCI outlets and all steel construction.

ALL WEATHER

**APPROVED
FOR ALL
MILITARY UNITS!**



Tactical Oscar® (Jungle)
OS2T-SB Full Green

Tactical Oscar® 2

1. Military style class L inlet & feed through (60 or 100 Amp, 3ph or 1ph)
 - Ground lug for grounding rod use
 - Tactical color schemes (sand or green)
2. Outdoor use- wet or dry locations
 - Enclosure rated NEMA Type 3R- rainproof, suitable for use in damp locations
3. IPDM indicator lights are recessed for tactical situations



Tactical Oscar® (desert)
Custom OS2T-SB Sand



Made in the USA

Can Be Purchased with a Government Purchase Card

Oscar® 2 Tactical Cord Sets Selection Guide

Description	Ratings	Catalog Number
Cordset, Pigtail, 6ft., #6/5		65MIL PGTL
Cordset, 50ft., #6/5	60A, 120/208V-5wire	65BSOM
Cordset, 100ft., #6/5		65DSOM



65DSOM
Class L Mil Type



Convenient hinged lid for easy interior access to circuit breakers.

Selection Guide

Input Electrical Rating ¹	Device ²	Ratings	Protection		GFCI	Catalog Number
			Qty.	Overload		
60A, 3-phase, 120/208V AC 5-wire	Single Outlet Straight Blade Receptacle Class "L" Inlet Class "L" Outlet	NEMA 5-20, 20A/125V	6	Yes	2 of 6	OS2T-SB*
		60A, 3-phase Y, 120/208V	1	No	No	
		60A, 3-phase Y, 120/208V	1	No	No	
60A, 3-phase, 120/208V AC 5-wire	Single Outlet Locking Receptacle Class "L" Inlet Class "L" Outlet	NEMA L5-20, 20A/125V	6	Yes	2 of 6	OS2T-LK*
		60A, 3-phase Y, 120/208V	1	No	No	
		60A, 3-phase Y, 120/208V	1	No	No	
60A, 3-phase, 120/208V AC 5-wire	Single Outlet Straight Blade Receptacle Class "L" Inlet Class "L" Outlet	NEMA 5-20, 20A/125V	12	Yes		OS2T-SB* Full
		60A, 3-phase Y, 120/208V	1	No	No	
		60A, 3-phase Y, 120/208V	1	No	No	
60A, 3-phase, 120/208V AC 5-wire	Single Outlet Locking Receptacle Class "L" Inlet Class "L" Outlet	NEMA L5-20, 20A/125V	12	Yes		OS2T-LK* Full
		60A, 3-phase Y, 120/208V	1	No	No	
		60A, 3-phase Y, 120/208V	1	No	No	

Notes: 1. 100 Amp available - Contact factory

* Pick color scheme - green or sand

Features

- Polycarbonate, Impact resistant enclosure retains its properties under the most extreme environmental conditions
- Spring-loaded flip lids protect outlets from jobsite contaminants when not in use
- Unit comes standard with extra hard usage #12/3 SEO cable
- Meets OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- Manual & automatic power-up
- Test and Reset Buttons are clearly marked for easy identification and each is protected from accidental activation
- High intensity NEON indicator lamp glows bright when power is on for easy identification of power status (1060)

1 GFCI & 2 Duplexes



Class A Open Neutral Protection



Catalog Number	Type*	Outlets	Primary Cord		Plug	Volts	Amps	Watts
			Length	Type				
1060	Manual	(4) NEMA 5-15 15A, 120Volt Straight Blade	6'	#12/3 SEO	5-15	120	15	1800
1060-A	Auto							
1061	Manual	(4) NEMA L5-15 15A, 120Volt Locking	6'	#12/3 SEO	L5-15	120	15	1800
1061-A	Auto							
1062	Manual	(4) NEMA 5-20 20A, 120Volt Straight Blade	6'	#12/3 SEO	5-20	120	20	2400
1062-A	Auto							

*Power up mode - does not effect reset after trip
Consult factory for custom configurations

**Need a Custom Version?
Contact Us Today**

**Custom Cord
Printing Available**



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Note: Products shown on this page may not be listed.

Emergency Generator GFCI Cordsets

* TEMPORARY POWER *

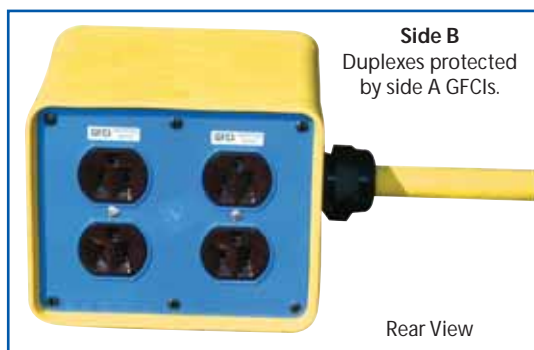
120 & 240V, 3 & 4 Wire 20 & 30 AMP (L5-20, L5-30, L14-20 & L14-30 Plugs)

Ericson offers these Heavy Duty Emergency Power Cordsets with these features:

- Rubberized Box eliminates “hot” un-grounded dangerous metal quad boxes
- Heavy Duty Perma-Link™ Plug with rubberized body and nickel plated blades
- Heavy Duty SJ & SO cord for long service life
- GFCI Protection - GFCI 5-20 Duplexes protecting 5-20 duplex receptacles
- Heavy Duty cord strain relief at box stands up to rough duty
- 2, 25, 50 and 100 ft cord lengths keeps generator away from family and work area



NOTICE:
The NEC restricts the use of metal job boxes as temporary power cords



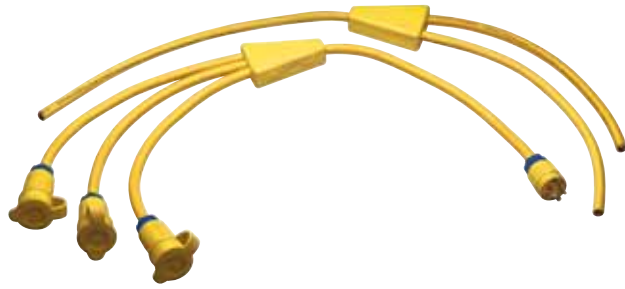
3 Wire Systems

Catalog Number	Rating	Plug	Cord Type	Box Config	Length
8V2123SJB6G2					2
8V2123SJB6GA	120V 20 AMP	L5-20	#12/3 SJT Black	6000 Box w/ (1) GFCI 5-20 Duplex & (1) Protected 5-20 Duplex	25
8V2123SJB6GB					50
8V3103SE6G2					2
8V3103SE6GA	120V 30 AMP	L5-30	#10/3 SEO Yellow	6000 Box w/ (1) GFCI 5-20 Duplex & (1) Protected 5-20 Duplex	25
8V3103SE6GB					50
8V3103SE6GD					100

4 Wire Systems

8Z2124SE8G2					2
8Z2124SE8GA	240V 20 AMP	L14-20	#12/4 SEO Black	8000 Box w/ (2) GFCI 5-20 Duplex & (2) Protected 5-20 Duplex	25
8Z2124SE8GB					50
8Z3104SO8G2					2
8Z3104SO8GA	240V 30 AMP	L14-30	#10/4 SO Yellow	8000 Box w/ (2) GFCI 5-20 Duplex & (2) Protected 5-20 Duplex	25
8Z3104SO8GB					50
8Z3104SO8GD					100

Other configurations available - call for pricing.



Heavy Duty Grade W & Y Cordsets

- Provides multiple outlets from a single power source
- Available in "Y" and "W" configurations
- Manufactured using heavy-duty SEOW cord
- Standard models available with 18" primary and secondary
- Available with Ericson's Perma-Link or Perma-Tite plugs and connectors
- Custom configurations available with your choice of primary length, secondary length and plug/connectors

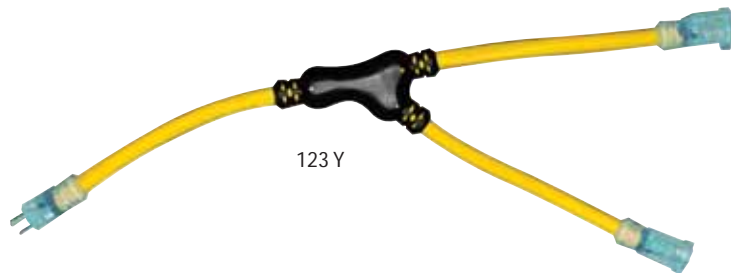
2634 -

A1

Z10

Base Model	Plug/Conn	Amp	Volts	AWG Cord Size		Length
				1	2	
				2634 = Y 2636 = W		
	A = 1510P & 1610-C	15	120	14/3	12/3	Length Blank = std 3' OAL Zxx = any length up to 100' OAL
	B = 1510-PW6P & 1610-CW6P	15	120	14/3	12/3	
	C = 1520-P & 1620-C	15	120	14/3	12/3	
	D = 1520-PW6P & 1620-CW6P	15	120	14/3	12/3	
	E = 2310-P & 2410-C	20	120	12/3	10/3	
	F = 2310-CW6P & 2410-CW6P	20	120	12/3	10/3	
	G = 2510-P & 2610-C	30	120	10/3		
	H = 2510-PW6P & 2610-CW6P	30	120	10/3		
	I = 2320-P & 2420-C	20	120/240	12/4		
	J = 2320-PW6P & 2420-CW6P	20	120/240	12/4		
	K = 2324-P & 2424-C	20	480 3ø	12/4		
	L = 2324-PW6P & 2424-CW6P	20	480 3ø	12/4		
	M = L21-20P & L21-20C	20	208	12/5		

SOW, SOOW, SEOW 600V Rated only.



Contractor Grade Y & W-Adapter Features 600V STW Cable

Y-Adapter provides two outlets so you can keep two tools plugged in. Made from heavy-duty #12/3 STW yellow cable with molded-on plug, connector & Y/W-junction.



Y & W-Adapter Selection Guide

Catalog Number	Electrical Ratings						
	Length	Gauge	Type	Amps	Volts	Plug/Connector	Face View
123Y	2'	#12/3	STW	15A	120V	NEMA 5-15 Straight Blade	
123Y-L				20A		NEMA L5-20	
123W				15A		NEMA 5-15 Straight Blade	
123WL				20A		NEMA L5-20P & L5-20R Twist	



Molded End Cordsets

Ericson offers a complete line of high quality jobsite style cordsets for a range of applications. From light tool and generator connection to heavy duty #10/3 size cord, the Ericson line of safety cordsets is the right answer to your power cord needs. In both straight blade and twistlock version with cord types ranging from #14/3 to #10/3, these cordsets are built to last job after job. Molded and bonded clear connection ends come standard with power on indication* and make inspection easy. Thick outer jacket material from SJTW cordage resists jobsite abrasion and is water resistant. Safety yellow color makes them easy to see on crowded jobs and under low light situations.

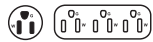
Bonus: Custom Factory Cord Jacket Printing Available – See your local Ericson Rep for details on getting your cords marked.

* not available on some models.



L5-20 Also Available

Face View	Single Molded Ends	Length (ft)	Cord Size	Type	Plug	Connector	Amps	Wattage	Volts
	143B	50	#14/3	SJTW	5-15P	5-15C	15	1625	125
	143D	100	#14/3	SJTW	5-15P	5-15C	13	1625	125
	123B	50	#12/3	SJTW	5-15P	5-15C	15	1875	125
	103B	50	#10/3	SJTW	5-15P	5-15C	15	1875	125
	103D	100	#10/3	SJTW	5-15P	5-15C	15	1875	125
	123D	100	#12/3	SJTW	5-15P	5-15C	15	1875	125
	123BL	50	#12/3	SJTW	L5-20P	L5-20C	20	2500	125
	123DL	100	#12/3	SJTW	L5-20P	L5-20C	20	2500	125



Molded Tri-Tap	Length (ft)	Cord Size	Type	Plug	Connector	Amps	Wattage	Volts
123B-TT	50	#12/3	SJTW	5-15P	5-15C	15	1875	125
123D-TT	100	#12/3	SJTW	5-15P	5-15C	15	1875	125



BONUS - CORD PRINTING AVAILABLE

See Your Local Ericson Representative For Details.

**SUPERIOR RUBBER OUTDOOR CORD WITH
MAXIMUM LOW TEMPERATURE FLEXIBILITY.**

HOG HIDE™

**FLEXIBLE
to -40° C!**



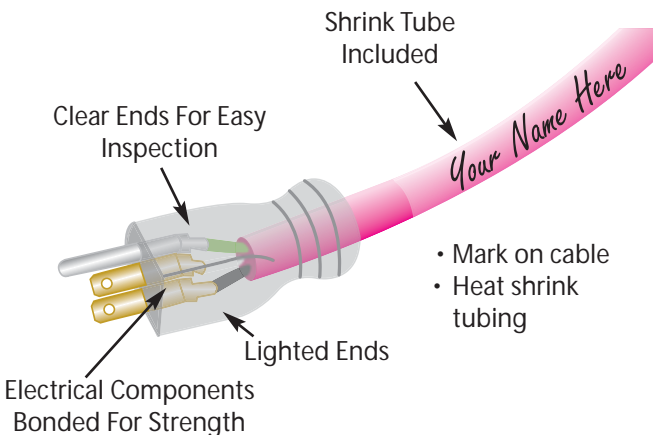
Power On
Indication

**Limited
Lifetime
Warranty**



**EXTRA LOW
TEMPERATURE
FLEXIBILITY**

*You can't do this
with other cable!*



- Mark on cable
- Heat shrink tubing

FEATURES

Flexible Cord

Made with a special 12/3 SJOW cord; Hog Hide™ superior rubber technology allows cord to stay flexible in tough conditions.

Molecularly Bonded Cap & Connector

Hog Hide™ cord features heat bonded plug and connector ends with a built in strain relief for extra strength which prevents cord pull out.

Shocking Pink Color

Highly visible bright pink color helps reduce theft while increasing visibility.

Identification System

Permanently mark your Hog Hide™ cord with your name, reduces theft.

Limited Lifetime Warranty

Hog Hide™ cordsets satisfaction guaranteed!

Specifications

Hog Hide™ is RoHS compliant, UL Listed and meets all appropriate OSHA requirements.

Extras

Plug & Connectors lights up to indicate power is on.

Catalog Number	Electrical Ratings						
	Length	Gauge	Type	Amps	Volts	Plug/Connector	Face View
123B-H	50'	#12/3	SJOW	15A	120V	NEMA 5-15 Plug/Connector	
123D-H	100'					NEMA 5-15 Plug/Connector	



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Light Industrial



Extreme Industrial

Factory Assembled Cord Sets

- Factory assembled to meet the most demanding industrial and construction applications
- Available with Ericson's Perma-Link®, Perma-Grip™ or Perma-Tite™ plugs and connectors
- Manufactured using heavy-duty SOW cord for maximum durability and longevity
- High visibility dual color safety system, Brilliant Blue and Radiant Yellow

1510

Plug/Connector
NEMA Designator¹
(select part code)

P

143

A

(Use for numerical length only when Z code is used)

Length

- A** = 25 ft. OAL
 - B** = 50 ft. OAL
 - D** = 100 ft. OAL
 - Z** = Custom¹
- OAL = Overall length

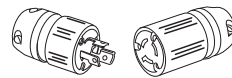
Cord Size¹

- 103** = 10/3 SOW
- 104** = 10/4 SOW
- 123** = 12/3 SOW
- 124** = 12/4 SOW
- 143** = 14/3 SOW
- 163** = 16/3 SOW

Face View	NEMA	Electrical Ratings		Plugs/Connectors Code
	Configuration	Amps	Volts	
	5-15	15	125	1510
	5-20	20	125	1512
	6-15	15	250	1514
	6-20	20	250	1516
	L5-15	15	125	1520
	L6-15	15	250	1522
	L7-15	15	277	1524
	L5-20	20	125	2310
	L6-20	20	250	2312
	L7-20	20	277	2314
	Non-NEMA	20	125/250	2316
	Non-NEMA	20	205	2317
	Non-NEMA	10	600	2317
	Non-NEMA	15A	125V	1507
	Non-NEMA	10A	250V	1507
	L14-20	20	125/250	2320
	L15-20	20	250, 3Ø	2322
	L16-20	20	480, 3Ø	2324
	L5-30	30	125	2510
	L6-30	30	250	2512
	L7-30	30	277	2514
	Non-NEMA	30	125/250	2516
	L14-30	30	125/250, 3Ø	2520
	L15-30	30	250, 3Ø	2522
	L16-30	30	480, 3Ø	2524
	L17-30	30	600, 3Ø	2526
	L18-30	30	120/208 3Ø wye	2530
	Non-NEMA	30	120/208 3Ø wye	2528

Overall Environmental Grade (based on plug/connector style)

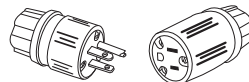
- P** = Industrial Light
- PG** = Industrial Medium
- PW6P** = Extreme Industrial Water Tight Ends



(P) Perma-Link™ Cord Clamp

Style Features:

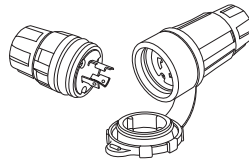
- Internal cord seal
- Dual screw self-centering clamp



(PG) Perma-Grip™ Cord Grip

Nut Style Features:

- Nickel plated solid brass blades
- Super sealing cord grip nut design



(PW6P) Perma-Tite2™ All Weather

Cord Grip Nut Style features:

- All weather - NEMA 6P rated
- Super sealing rings
- Connector includes cover

Cordsets with Smart Monitor Devices are shown on 125

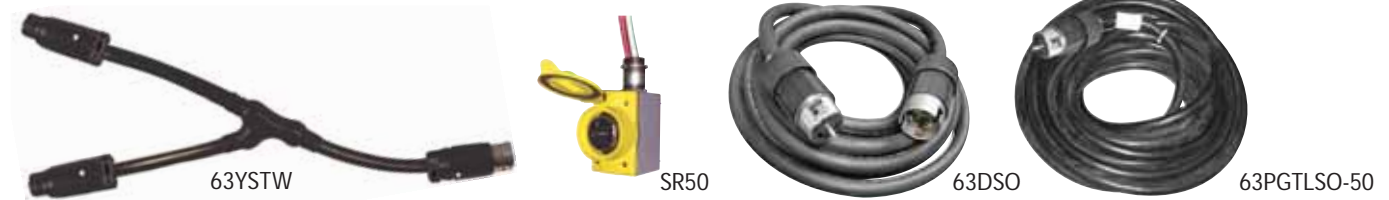
¹ **Note:** Some of the plug/connector amp ratings to cord size configurations are not recommended due to basic electrical safety rules. Customers are responsible for checking local codes and proper usage of any factory built cordset.

50, 60 & 100 Amp Cordsets

50 Amp Cordsets

Ericson's complete line of 50 Amp cordsets for use with Oscar Temporary Power Distribution Centers are the best built in the industry. Assembled in the USA with high standards to produce the best cordsets available. Call for custom lengths. Minimum order size required.

- For use with Oscar Series 1066 and 1067
- Can connect e-Cart Jr and e-Cart2 Series to Oscars
- Blunt pigtail versions make hard wiring into a panel easy and quick (PGTL)
- Available in SO or STW cord types
- 50 Amp "Y" available



Cat. Number	Rating	Length (ft)	Cord Size	Cord Type	Plug	Connector	
63ASO	50 A	25	#6/3 & #8/1 (Gnd)	SO	Twistlock 50 Amp CS6365-P or equiv	Twistlock 50 Amp CS6364-C or equiv	
63BSO		50			Twistlock 50 Amp CS6365-P or equiv		
63DSO		100			Twistlock 50 Amp CS6365-P or equiv		
63PGTLSO		6			Blunt - 12" ROJ - 1" Tin		
63PGTLSO-50		50			Blunt - 12" ROJ - 1" Tin		
63PGTLSO-100		100			Blunt - 12" ROJ - 1" Tin		
63BST	50	3 ft "Y"	STW	Twistlock 50 Amp CS6365-P or equiv	Twistlock 50 Amp CS6364-C or equiv		
63DST	100			Twistlock 50 Amp CS6365-P or equiv	Twistlock 50 Amp CS6364-C or equiv		
63YSTW	3 ft "Y"			3 ft "Y"	STW	(1) Twistlock 50 Amp CS6365-P or equiv	(2 each) Twistlock 50 Amp CS6364-C or equiv

60 & 100 Amp Cordsets

Ericson manufactured cordsets are built to the highest quality standards for durability and long service. Our cordsets use the best plugs and connectors possible and are constructed to meet the high demands of industrial and military environments.

- Extra Hard Usage SO cord
- Highest quality Internationally rated IEC plugs and Connectors
- Military cordsets use exact match Military plug-n-play Class L wiring devices
- Pigtail cordsets allow for hard wiring into panels with tinned ends
- For use with Oscar 1068, Oscar® 2 and Tactical Oscar® Military Style distribution centers



Cat. Number	Rating	Length (ft)	Cord Size	Cord Type	Plug	Connector
IEC Style Cordsets						
65BSO	60 A	50	#6/5	SO	4P 5W 60 Amp IEC 560P9E or equiv	4P 5W 60 Amp IEC 560C9E or equiv
65DSO		100			4P 5W 60 Amp IEC 560P9E or equiv	
65PGTL-50		50			Blunt - ROJ 12"	
65PGTL-100		100			Blunt - ROJ 12"	
45BSO	90 A	50	#4/5	SO	4P 5W 100 Amp IEC 5100P9E or equiv	4P 5W 100 Amp IEC 5100C9E or equiv
45DSO		100			4P 5W 100 Amp IEC 5100P9E or equiv	
45PGTL-25		25			Blunt - ROJ 12"	
45PGTL-50		50			Blunt - ROJ 12"	
45PGTL-100	100	Blunt - ROJ 12"				
Military Style Cordsets						
65BSOM	60 A	50	#6/5	SO	4P 5W 60 Amp Military Class L or equiv	4P 5W 60 Amp Military Class L or equiv
65DSOM		100			4P 5W 60 Amp Military Class L or equiv	
65MIL PIGTAIL		6			Blunt - ROJ 12" - Tinned 1" each	
65MIL PGTL-50		50			Blunt - ROJ 12" - Tinned 1" each	
65MIL PGTL-100	50	Blunt - ROJ 12" - Tinned 1" each				
45BSOM	100 A	50	#4/5	SO	4P 5W 100 Amp Military Class L or equiv	4P 5W 100 Amp Military Class L or equiv
45DSOM		100			4P 5W 100 Amp Military Class L or equiv	
45BSOMPGTL		10			Blunt - ROJ 12" - Tinned 1" each	
45MIL PGTL-50		50			Blunt - ROJ 12" - Tinned 1" each	
45MIL PGTL-100	100	Blunt - ROJ 12" - Tinned 1" each				



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Now available from Ericson Manufacturing Company...

Protect expensive cables from foot-traffic and equipment damage while eliminating tripping hazards caused by cables with Ericson's CP5 Series Cable Protectors. Bases are made from rubber and cover is made from UV Stabilized Polyurethane, for its resilience, hardness and impact resistance for demanding environments.

Applications Include: Conventions • Special Events • In-Plant Use • Jobsites

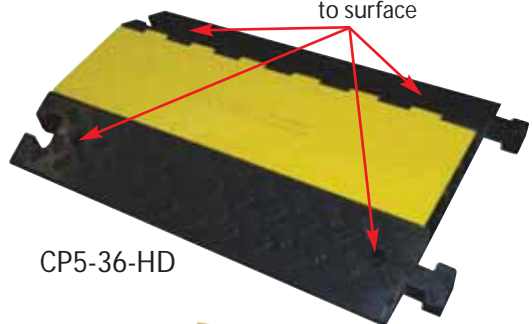
Features:

- Large capacity 5-slot linear sections and fittings
- Rounded dividers protect cables from snags and tears
- "T" locks hold under load stress
- Hinged lid for easy loading
- 5-bar tread plate surface for increased traction
- Easy set-up and take-down
- Compact design for easy handling and storage
- No slip molded in pattern
- Required by NEC & OSHA
- Super duty design

**Ideal For
Temporary
Cable &
Hose Runs**

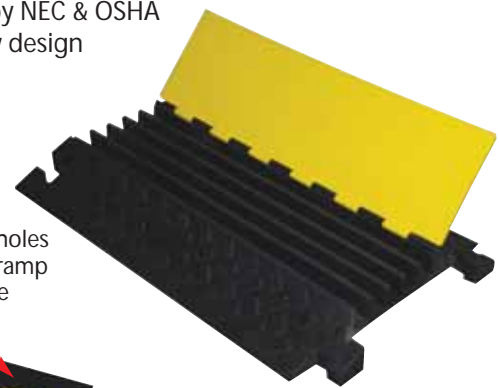


CP5-45R-HD - open

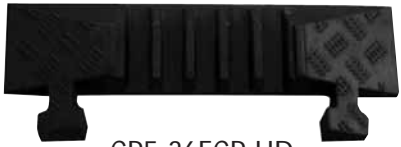
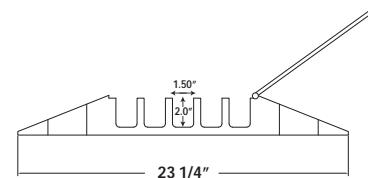


CP5-36-HD

4 Nail down holes for securing ramp to surface



CP5-36-HD - open



CP5-36ECP-HD



**All
Units
Connect**

**Large
1.5" x 2.0"
Channels**

TESTED & CERTIFIED
ANSI and AASHTO
Official Independent
Test Results:
Tire Rating: 24,000 Lb.
Axle Rating: 48,000 Lb.

Material:

Hinge Pin Material:

Operating Temperature Range:

Maximum Load per Axle:

Rubber/Polyurethane
Reinforced Fiberglass
-40 °F to +200 °F
24,000 Lbs.
48,000 Axle

Selection Guide

Catalog Number	Description	Weight
CP5-36-HD	5-slot, 36" long straight section	51 lbs.
CP5-36ECP-HD	End cap ends (pair)	6 lbs.
CP5-45L-HD	45 degree left turn	17 lbs.
CP5-45R-HD	45 degree right turn	17 lbs.

Channel Capacity Diameter Inches (mm)

5 Channels - 1.339 in. (34.0 mm) width x 1.325 in. (33.65 mm) height



Over-The-Floor Cable Shield

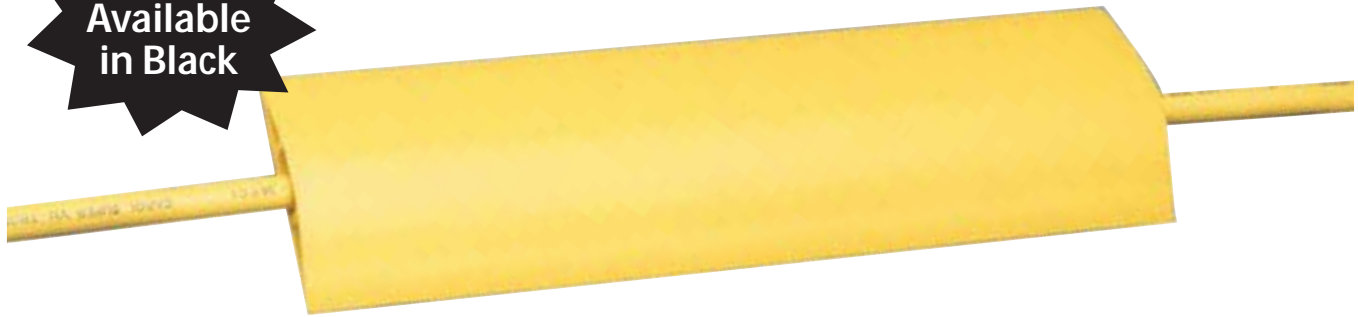
- Cable shield protects cables or hoses that must extend across areas of heavy traffic, such as plant aisles, construction sites etc.
- Cable shield is both impact-and abrasion-resistant.
- Non-conductive
- No. 17525 cable shield accommodates cord sizes up to #10/3 SO, and hoses up to 3/4 inch OD.
- Split bottom permits easy cable insertion.

Selection Guide

Catalog No.	Length	Color
#17525-B	25'	Black
#17525-Y		Yellow

Note-- Cable Shield can be cut to required length by user. Maximum available length is 25 ft.

Also Available in Black



3-Slot Cable Protectors

Protect expensive cables from foot-traffic and equipment damage while eliminating tripping hazards caused by cables with Ericson's CP3 Series Cable Protectors. Made from UV Stabilized Polyurethane, for its resilience, hardness and impact resistance for demanding environments.

Applications Include: Conventions • Special Events • In-Plant Use • Jobsites

Features:

- Large capacity 3-slot linear sections and fittings
- Rounded dividers protect cables from snags and tears
- "Dog Bone" connectors are compatible with other cable protector brands
- Hinged lid for easy loading
- 5-bar tread plate surface for increased traction
- Components to fit any protection need
- Easy set-up and take-down
- Compact design for easy handling and storage
- No slip molded in pattern
- Required by NEC & OSHA

Material:

Hinge Pin Material:

Operating Temperature Range:

Maximum Load Per Axle:

UV Stabilized Polyurethane

Reinforced Fiberglass

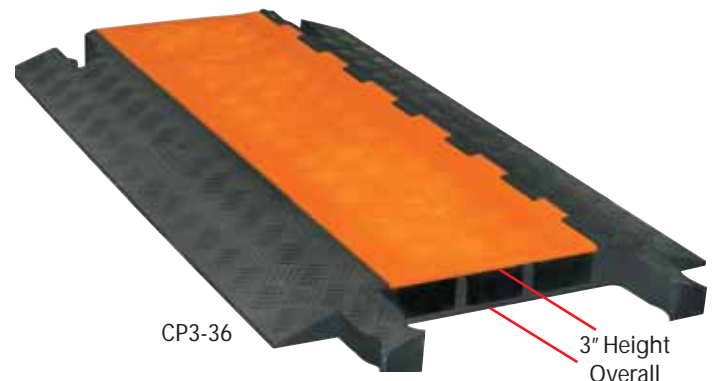
-40 °F to +120 °F (-40 °C to +49 °C)

21,000 lbs. At 70 °F (4,763 kg. At 21 °C):
For straight section

Selection Guide

Catalog Number	Description	Weight
CP3-36	3-slot, 36" long straight section	19.5 lbs.

Channels Measure 2 1/4" H x 2" W



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6000 Series Portable Outlet Boxes

- Rugged and durable, these outlet boxes are engineered to provide protection against electric shock while using portable power cords
- Molded of thermoplastic elastomer (TPE) these non-conductive boxes are crush proof and resistant to jobsite oils
- High-visibility dual-color safety system for easy identification on the jobsite
- Cover plates and clamps are molded of impact resistant nylon and resistant to jobsite oils
- Built-in TPE cord entrance seals out dirt, dust and other contaminants
- Accommodates wide range of devices
- Extra-deep box provides additional wiring space - perfect for use with #12/3 cord and larger
- Available as pendant and feed-through boxes
- Available with a wide range of cover plates and a full range of replacement parts
- Available with Ericson's in-line type GFCIs for added protection and code compliance

NOTICE:
The NEC restricts the use of metal job boxes as temporary power cords



6000 Series Portable Outlet Boxes Selection Guide

Cord Clamp* Style Box With Open Covers						
	For (2) Duplex Receptacles		For (2) Single Receptacles: 1.390" dia. Hole		For (2) Single Receptacles: 1.572" dia. Hole	
	Standard Depth	Extra Deep	Standard Depth	Extra Deep	Standard Depth	Extra Deep
Pendant	6000	6002	6005	6006	6010	6011

* No feed thru box available with cord clamp style

6000 Series Portable Outlet Boxes Selection Guide

Cord Grip Feed Thru* Style Box With Open Covers						
	For (2) Duplex Receptacles		For (2) Single Receptacles: 1.390" dia. Hole		For (2) Single Receptacles: 1.572" dia. Hole	
	Standard Depth	Extra Deep	Standard Depth	Extra Deep	Standard Depth	Extra Deep
*Feed-Through	6000-F	6002-F	6005-F	6006-F	6010-F	6011-F

Standard depth box = 3-3/16"
Extra deep box = 4-5/32"

* All 6000 Series feed-throughs have cord grip nuts and grommets (see photo of 6000-F above)

6000 Series Replacement Boxes



Standard Depth Box
Catalog Number - 6030



Standard Depth Box
Catalog Number - 6030B

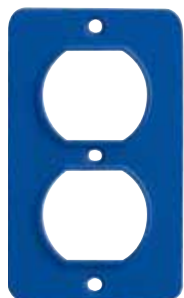


Extra Deep Box
Catalog Number - 6029

* No feed thru box available with cord clamp style

6000 Series Replacement Cover Plates

Duplex Receptacle Cover Plates



Catalog # - 6031



Catalog # - 6031B

Single Receptacle Cover Plates
1.390" Dia. Opening



Catalog # - 6032



Catalog # - 6032B

Single Receptacle Cover Plates
1.572" Dia. Opening



Catalog # - 6033



Catalog # - 6033B

GFCI Duplex Receptacle Cover Plates



Catalog # - 6035



Catalog # - 6035B

Blank Cover Plates

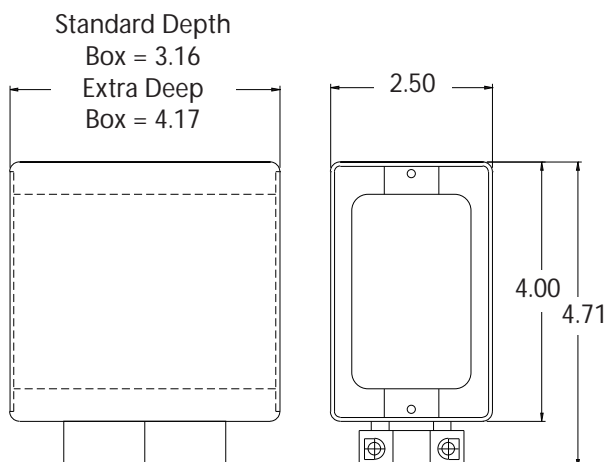


Catalog # - 6034



Catalog # - 6034B

6000 Series Dimensions



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6000 Series - Factory Wired Outlet Boxes

These factory assembled outlet boxes save assembly time in the field and assembly cost; plus they give the assurance of proper component matching of cord, box and plug.



6000 Series Factory Wired Portable Outlet Boxes Selection Guide

	Factory Wired Box	Box w/ Receptacles	NEMA Configuration	Cord Length	SOW Cord Size
Factory wired with (2) duplex receptacles					
6000 box w/ (2) duplex 5-15 receptacles, 1' cord w/ 5-15 plug	60001		5-15	1'	14/3
6000 box w/ (2) duplex 5-15 receptacles, 25' cord w/ 5-15 plug	60025		5-15	25'	14/3
6000 box w/ (2) duplex 5-15 receptacles, 50' cord w/ 5-15 plug	60050		5-15	50'	14/3
6000 Box w/(2) Duplex 5-15 Recepts, No Cord		6001-1	5-15	U-Add	
6000 Box w/ (2) Duplex 5-20 Recepts, No Cord		6001-2	5-20	U-Add	
6000 box w/ (2) duplex L5-15 receptacles, 1' cord w/ L5-15 plug	60201		L5-15	1'	14/3
6000 box w/ (2) duplex L5-15 receptacles, 25' cord w/ L5-15 plug	60225		L5-15	25'	14/3
6000 box w/ (2) duplex L5-15 receptacles, 50' cord w/ L5-15 plug	60250		L5-15	50'	14/3
Factory wired with (2) single receptacles					
6006 box w/(2) L5-15 Outlets, 6' cord w/ L5-15 plug	6006-143C2			6'	14/3
6006 box w/(2) L5-15 Outlets, 25' cord w/ L5-15 plug	6006-143A2		L5-15	25'	14/3
6006 box w/(2) L5-15 Outlets, 50' cord w/ L5-15 plug	6006-143B2			50'	14/3
6006 box w/(2) L5-15 Outlets		6006-2			
6011 w/ (2) L5-20, 6' #12/3 cord w/L5-20 plug	6011-123C3			6'	12/3
6011 w/ (2) L5-20, 25' #12/3 cord w/L5-20 plug	6011-123A3		L5-20	25'	12/3
6011 w/ (2) L5-20, 50' #12/3 cord w/L5-20 plug	6011-123B3			50'	12/3
6011 w/ (2) L5-20 receptacles		6011-3			
6011 w/ (2) L6-20, 6' #12/3 cord w/L6-20 plug	6011-123C4			6'	12/3
6011 w/ (2) L6-20, 25' #12/3 cord w/L6-20 plug	6011-123A4		L6-20	25'	12/3
6011 w/ (2) L6-20, 50' #12/3 cord w/L6-20 plug	6011-123B4			50'	12/3
6011 w/ (2) L6-20 receptacles		6011-4			
6011 w/ (2) L7-20, 6' #12/3 cord w/L7-20 plug	6011-123C5			6'	12/3
6011 w/ (2) L7-20, 25' #12/3 cord w/L7-20 plug	6011-123A5		L7-20	25'	12/3
6011 w/ (2) L7-20, 50' #12/3 cord w/L7-20 plug	6011-123B5			50'	12/3
6011 w/ (2) L7-20 receptacles		6011-5			
6011 w/ (2) Non-NEMA 2P, 3W 20A 250V locking, 6' #12/3 cord	6011-123C9			6'	12/3
6011 w/ (2) Non-NEMA 2P, 3W 20A 250V locking, 25' #12/3 cord	6011-123A9		Non-NEMA	25'	12/3
6011 w/ (2) Non-NEMA 2P, 3W 20A 250V locking, 50' #12/3 cord	6011-123B9			50'	12/3
6011 w/ (2) Non-NEMA 2P, 3W 20A 250V locking receptacles		6011-9			

Notes: 1. Contact factory for custom assemblies



6000 Series GFCI Protected Portable Outlet Boxes Selection Guide

	NEMA Config.	Secondary Cord Length	SJTW Cord	Factory Wired Box w/ In-Line GFCI
6000 Series Boxes Factory wired with (2) duplex receptacles				
6000 box w/ (2) duplex 5-15 receptacles, 1' cord w/ 5-15 plug		1'		XG2-12-2B
6000 box w/ (2) duplex 5-15 receptacles, 25' cord w/ 5-15 plug	5-20	25'	12/3	XG2-12-25B
6000 box w/ (2) duplex 5-15 receptacles, 50' cord w/ 5-15 plug		50'		XG2-12-50B

Notes:

1. Contact factory for custom assemblies



6100

6102



6100 Series Weather Resistant Portable Outlet Boxes

- Non-metallic, non-conductive design provides protection against electric shock while using portable power cords
- Spring-loaded flip seal covers protect receptacle when not in use
- Heavy-duty stainless steel springs provides dependable, long service life
- Molded of thermoplastic elastomer (TPE) these non-conductive boxes are crush proof and resistant to jobsite oils
- Supplied with cord grip bushings that accommodate #16/3 SO through #12/3 SO cord
- High-visibility dual-color safety system for easy identification on the jobsite
- Cover plates and flip seals are molded of impact resistant PBT thermoplastic
- Accommodates a wide range of devices
- Extra-deep box provides additional wiring space
- Available as pendant and feed-through boxes
- Available with a wide range of cover plates and a full range of replacement parts
- Available with Ericson's in-line GFCIs for added protection and code compliance

6100 Series Weather Resistant Portable Outlet Boxes Selection Guide

Cord Grip Style Box With Flip Covers						
	For (2) Duplex Receptacles		For (2) Single Receptacles: 1.390" dia. Hole		For (2) Single Receptacles: 1.572" dia. Hole	
	Standard Depth	Extra Deep	Standard Depth	Extra Deep	Standard Depth	Extra Deep
Pendant	6100	6102	6105	6106	6110	6111
Feed-Through	6100-F	6102-F	6105-F	6106-F	6110-F	6111-F

Standard depth box = 3-3/16"
Extra deep box = 4-5/32"

Selection Guide

All Black Box With Covers		
	For 2 Duplex Receptacles	
	Standard Depth	Extra Deep
Pendant	6100B	6102B
Feed-Thru	6100B-F	6102B-F

Now available in black for Stage, Studio & Entertainment
Molded black box with black cover plates blends into the background Ideal for stage, studio, entertainment and other applications where you want the box to not attract attention

6100 Series Replacement Boxes



Standard Depth
Catalog Number - 6130



Extra Deep Box
Catalog Number - 6129



Standard Depth
Catalog Number - 6130B



Extra Deep
Catalog Number - 6129B

Standard Depth Box with Feed Through (not shown)
Catalog Number - 6130-F

Extra Deep Box with Feed Through (not shown)
Catalog Number - 6129-F

Standard Depth Box with Feed Through (not shown)
Catalog Number - 6130B-F

Extra Deep Box with Feed Through (not shown)
Catalog Number - 6129B-F

6100 Series Replacement Cover Plates



For Single Receptacles
1.390" Dia. Opening
Catalog Number - 6132



For Single Receptacles
1.572" Dia. Opening
Catalog Number - 6133



For Duplex Receptacles
Catalog Number - 6131



Blank Cover plate
Catalog Number - 6034



For GFCI Receptacles
Catalog Number - 6135Y



Catalog Number - 6135



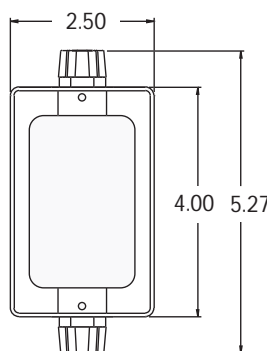
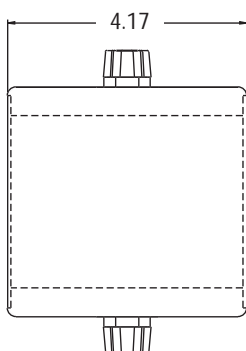
Catalog Number - 6131B



Catalog Number - 6034B

6100 Series Dimensions

Standard Depth
Box = 3.16
Extra Deep
Box = 4.17



6100 Series - Factory Wired Portable Outlet Boxes

* TEMPORARY POWER *

These factory assembled outlet boxes save assembly time in the field and assembly cost, plus they give the assurance of proper component matching of cord, box and plug.



6101-1

6100 Series Factory Wired Portable Outlet Boxes Selection Guide

	Factory Wired Box	Box w/Receptacles	NEMA Config.	Cord Length	SOW Cord Size
Factory wired with (2) duplex receptacles					
6100 box w/ (2) duplex 5-15 receptacles, 1' cord w/ 5-15 plug	61001	6101-1 6101-2	5-15	1'	14/3
6100 box w/ (2) duplex 5-15 receptacles, 25' cord w/ 5-15 plug	61025		5-15	25'	14/3
6100 box w/ (2) duplex 5-15 receptacles, 50' cord w/ 5-15 plug	61050		5-15	50'	14/3
6100 box w/ (2) duplex 5-15 receptacles, no cord			U-Add		
6100 box w/ (2) duplex 5-20 receptacles, no cord			U-Add		
6100 box w/ (2) duplex L5-15 receptacles, 1' cord w/ L5-15 plug	61201		L5-15	1'	14/3
6100 box w/ (2) duplex L5-15 receptacles, 25' cord w/ L5-15 plug	61225		L5-15	25'	14/3
6100 box w/ (2) duplex L5-15 receptacles, 50' cord w/ L5-15 plug	61250		L5-15	50'	14/3
Factory wired with (2) single receptacles					
6106 box w/(2) L5-15 Outlets, 6' cord w/ L5-15 plug	6106-143C2	6106-2	L5-15	6'	14/3
6106 box w/(2) L5-15 Outlets, 25' cord w/ L5-15 plug	6106-143A2		L5-15	25'	14/3
6106 box w/(2) L5-15 Outlets, 50' cord w/ L5-15 plug	6106-143B2		L5-15	50'	14/3
6106 box w/(2) L5-15 Outlets			L5-15		
6111 w/ (2) L5-20, 6' #12/3 cord w/L5-20 plug	6111-123C3	6111-3	L5-20	6'	12/3
6111 w/ (2) L5-20, 25' #12/3 cord w/L5-20 plug	6111-123A3		L5-20	25'	12/3
6111 w/ (2) L5-20, 50' #12/3 cord w/L5-20 plug	6111-123B3		L5-20	50'	12/3
6111 w/ (2) L5-20 receptacles			L5-20		
6111 w/ (2) L6-20, 6' #12/3 cord w/L6-20 plug	6111-123C4	6111-4	L6-20	6'	12/3
6111 w/ (2) L6-20, 25' #12/3 cord w/L6-20 plug	6111-123A4		L6-20	25'	12/3
6111 w/ (2) L6-20, 50' #12/3 cord w/L6-20 plug	6111-123B4		L6-20	50'	12/3
6111 w/ (2) L6-20 receptacles			L6-20		
6111 w/ (2) L7-20, 6' #12/3 cord w/L7-20 plug	6111-123C5	6111-5	L7-20	6'	12/3
6111 w/ (2) L7-20, 25' #12/3 cord w/L7-20 plug	6111-123A5		L7-20	25'	12/3
6111 w/ (2) L7-20, 50' #12/3 cord w/L7-20 plug	6111-123B5		L7-20	50'	12/3
6111 w/ (2) L7-20 receptacles			L7-20		
6111 w/ (2) Non-NEMA 2P, 3W 20A 250V locking, 6' #12/3 cord	6111-123C9	6111-9	Non-NEMA	6'	12/3
6111 w/ (2) Non-NEMA 2P, 3W 20A 250V locking, 25' #12/3 cord	6111-123A9		Non-NEMA	25'	12/3
6111 w/ (2) Non-NEMA 2P, 3W 20A 250V locking, 50' #12/3 cord	6111-123B9		Non-NEMA	50'	12/3
6111 w/ (2) Non-NEMA 2P, 3W 20A 250V locking receptacles			Non-NEMA		

Notes:

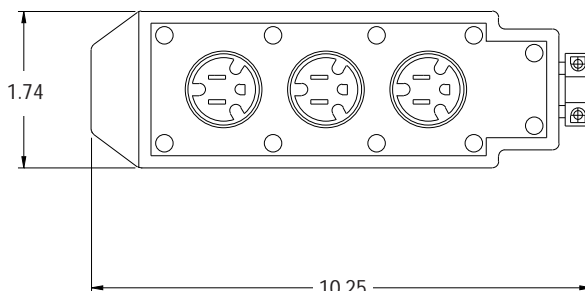
1. Contact factory for custom assemblies



7000 Series Tri-Tap Multiple Outlet Boxes

- Available in a variety of amperages and voltages
- Standard NEMA configurations insure compatibility with existing equipment
- Molded of rugged thermoplastic elastomer (TPE) to provide maximum resistance to oils, chemical and impact
- Non-conductive housing eliminates possibility of box becoming energized
- Cover plate and non-conductive cord clamp molded from impact and chemical resistant polybutylene terephthalate (PBT)
- Molded of Blue and Radiant Yellow colors for added safety through greater visibility in dull work environments

NOTICE:
The NEC restricts the use of metal job boxes as temporary power cords



7000 Series Tri-Tap Multiple Outlet Boxes

Amperage	Voltage	NEMA Configuration	Box Only	Factory Wired Boxes	
				#12/3 SOW	
				25'	50'
15	125	5-15	7000	7000-25-2	7000-50-2
20	125	5-20	7002	7002-25-2	7002-50-2
15	250	6-15	7004	7004-25-2	7004-50-2
15	125	L5-15	7008	7008-25-2	7008-50-2
20	250	L6-15	7010	7010-25-2	7010-50-2
20	125	L5-20	7020	7020-25-2	7020-50-2
20	250	L6-20	7022	7022-25-2	7022-50-2
20	277	L7-20	7024	7024-25-2	7024-50-2

Notes:

1. Consult factory for custom assemblies

7000 Series Tri-Tap Outlet Boxes with GFCI Protection

- The features of the 7000 series boxes plus GFCI protection for that added degree of safety



7000 Series Tri-Tap Outlet Boxes with GFCI Protection

Amperage	Voltage	NEMA Configuration	GFCI	Factory Wired Boxes	
				#12/3 SJTW	
				25'	50'
15	125	5-15	In-line		
20		5-20		7002-25-2GF	7002-50-2GF
20		L5-20		7020-25-2GF	7020-50-2GF



Notes:

1. Consult factory for custom assemblies



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

Now available from Ericson Manufacturing Company...

8000 Series portable electrical enclosures with large internal wiring area which allows for cords from 18/3 to 6/4 cable. Rugged and durable, these outlet boxes are engineered to provide protection against electric shock under harsh conditions.

Features:

- Extra-deep box provides additional wiring space - perfect for use with all cords up to 6/4
- Molded of thermoplastic elastomer (TPE) these non-conductive boxes are crush proof and resistant to jobsite oils
- Plates (sold separately) accommodate a wide range of devices (screw kits included)
- Available with a wide range of cover plates and a full range of replacement parts
- Plate available for use with Ericson's 1075 GFCI module (not included) for added protection and code compliance (class A open neutral protection)
- Cover plates and cord grips are molded of impact resistant nylon and resistant to jobsite oils
- Available as pendant and feed-through boxes
- Wire mesh cord grips available

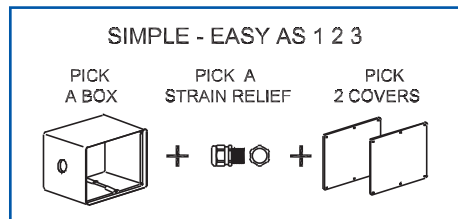


8005

Selection Guide

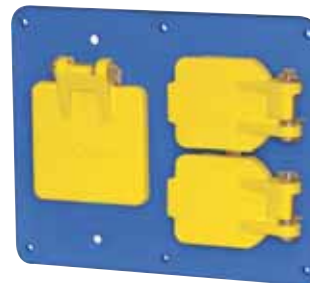
Catalog #	Description
8005	Box with 1 x 1/2" npt hole
8005F	Box with 2 x 1/2" npt holes (1 hole at each end)
8034	Box with 1 x 3/4" npt hole
8034F	Box with 2 x 3/4" npt holes (1 hole at each end)
8010	Box with 1 x 1" npt hole
8010F	Box with 2 x 1" npt holes (1 hole at each end)

How To Order



8205 cover
TT-30 RV

Catalog #	Strain Relief Kits
82005	Strain Relief, Cord 1/2 IN NPT W/ Grommets
82034	Strain Relief, Cord, 3/4 IN NPT
82010	Strain Relief, Cord, 1 IN NPT
82005W	Strain Relief, Wire, Cord .5 IN 1/2 NPT
82034W	Strain Relief, Wire, Cord, 3/4 IN NPT
82010W	Strain Relief, Wire, Cord, 1IN NPT



8208FS cover
Combo 1.56" & Duplex



8201FS cover
(2) Duplex

Catalog #	Plates
8200	Plate Blank
8201	Plate, 2 Duplex - No Flip Covers
8201FS	Plate, 2 Duplex With Flip Covers
8202	Plate, 1 GFCI 1075 No Flip Req'd
8203	Plate, 1 GFCI Duplex Receptacle No Flip
8203FS	Plate, 1 GFCI Receptacle With Flip
8204	Plate, 2 GFCI Receptacle - No Flip Covers
8204FS	Plate, 2 GFCI Receptacle With Flip Covers
8205	Plate, 1 LG Recpt RV TT-30 - No Flip Cover
8206	Plate, 2 Single 1.56" Round Recpt- No Flip Cover
8206FS	Plate, 2 Single 1.56" Round Recpt With Flip Covers
8207	Plate, 1 Single 1.56" Round Recpt - No Flip- 1/2 Blank
8207FS	Plate, 1 Single 1.56" Round Recpt With Flip Cover - 1/2 Blank
8208	Plate, 1 Single 1.56" Round & 1 Duplex Recpt - No Flip
8208FS	Plate, 1 Single 1.56" Round & 1 Duplex Recpt With Flip Covers



1075 GFCI Module
Use 8202 Plate



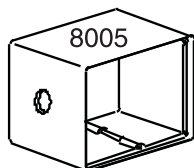
8206FS 1.56" Round

Catalog #	Screw Kits*
805CPKG	Screw kit, 8000 Series ENCL (replacement)
825CPKGPL	Screw kit, 8200 Plates (replacement)

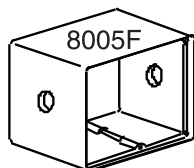
* Each box comes with (1) 805CPKG screw kit. Each plate has (1) 825CPKGPL screw kit

8000 Series Catalog Offerings

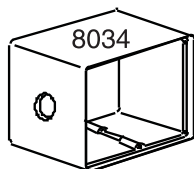
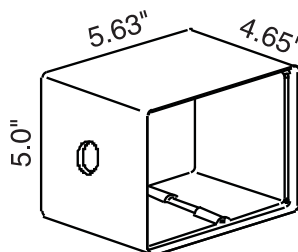
PRE-PUNCHED BOXES



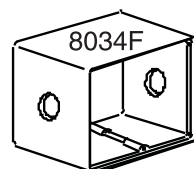
1 X 1/2" NPT HOLE



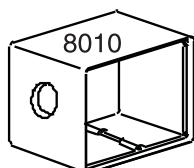
2 X 1/2" NPT HOLES



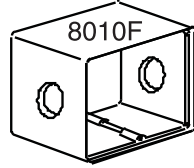
1 x 3/4" NPT HOLE



2 x 3/4" NPT HOLES

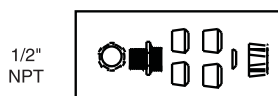


1 x 1" NPT HOLE



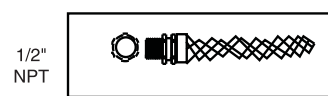
2 x 1" NPT HOLES

STRAIN RELIEF KITS



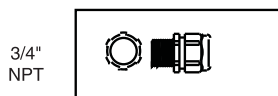
1/2" NPT

82005



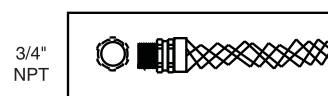
1/2" NPT

82005W WIRE MESH



3/4" NPT

82034



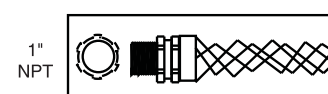
3/4" NPT

82034W WIRE MESH



1" NPT

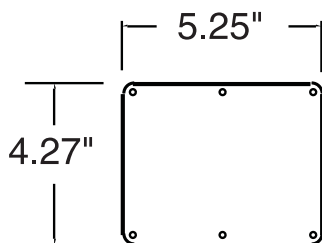
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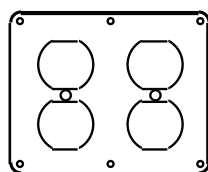
1" NPT

82010W WIRE MESH

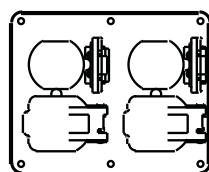
COVER PLATES AND FLIP COVERS



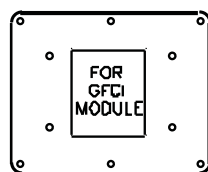
8200



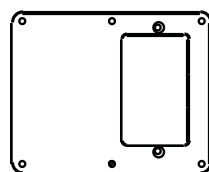
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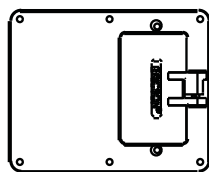
8201FS



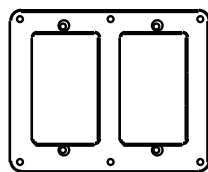
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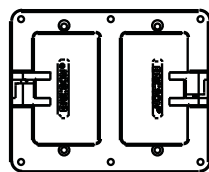
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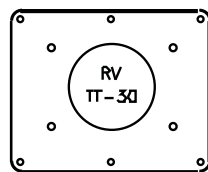
8203FS



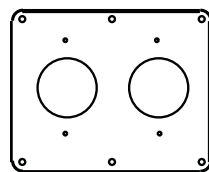
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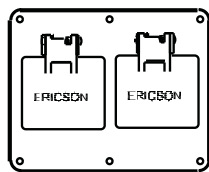
8204FS



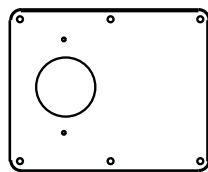
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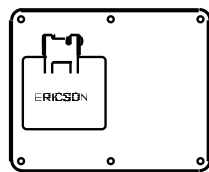
8206



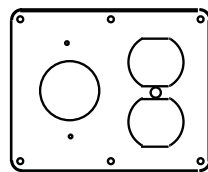
8206FS



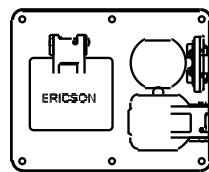
8207



8207FS

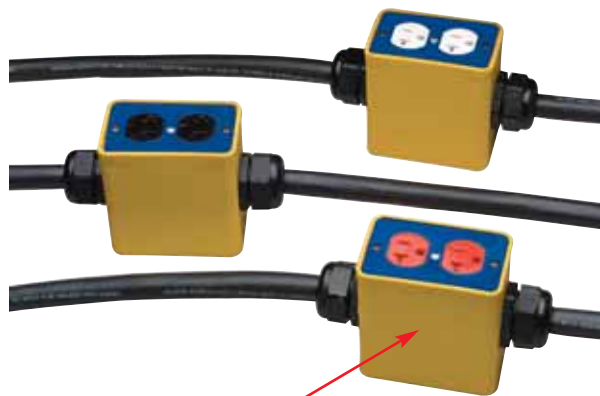


8208



8208FS





Custom Print
Your Name Here*

120/208 Volt 3-Phase Alternate-Wired Portable Outlet Box Power Stringer

- Code compliant
- Perfect for events requiring temporary power such as: conventions, carnivals, circuses, fairs and sporting events
- Available with Ericson's non-metallic, non-conductive outlet boxes
- Molded of thermoplastic elastomer (TPE) these non-conductive boxes are crush proof and resistant to jobsite oils
- High-visibility dual-color safety system for easy identification on the jobsite
- Available with a wide range of cover plates and a full range of replacement parts

3-Phase Alternate Wired Power Stringer Selection Guide. 10' leader. Boxes 10' on Center

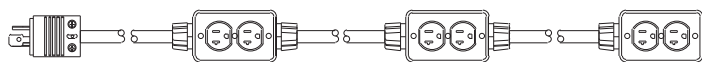
	Catalog Number	Plug	Receptacles	Overall Length	SOW Cord Size	Box 1	Box 2	Box 3	Box 4	Box 5	Box 6
20 Amp 3Ø											
w/ (3) 6002 boxes	6050 -125F8	L21-20	5-20	30'	12/5	A-phase	B-phase	C-phase	-	-	-
w/ (6) 6002 boxes	6050 -125G8			60'	12/5				A-phase	B-phase	C-phase
w/ (3) 6002 boxes	6050 -105F8			30'	10/5				-	-	-
w/ (6) 6002 boxes	6050 -105G8			60'	10/5				A-phase	B-phase	C-phase

Notes:

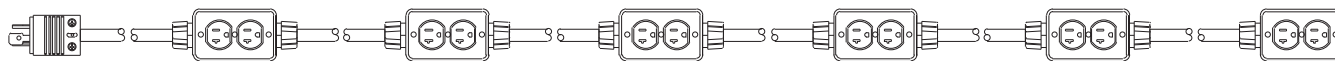
1. Contact factory for custom assemblies
2. Add "BLK" to catalog number for all black boxes & cable. Example: 6050-125F8 becomes 6050-125F8BLK
3. One color-coded duplex outlet per box
4. Indoor use only without snap covers



30' Streamer



60' Streamer



*Custom Box Printing. Some restrictions apply. Quantity restrictions apply. Call us for details.

Custom Lengths

Need power outlets at specific space intervals? Ericson can customize your stringer to your specs.

**Need Custom Lengths?
CALL US!**



Custom Cord Printing

Ericson offers custom cord printing for most cordsets and stringers. Helps prevent theft and identifies your temporary power investment.



BONUS - CORD PRINTING AVAILABLE

See Your Local Ericson Representative For Details.



Portable Lamps

HEAVY DUTY ♦ SHOCK PROOF ♦ OIL PROOF



17,000-R

Protection

FOR WORKERS and PROPERTY
from Electrical Hazards

C&E Safety Handles are made of the highest quality rubber, properly compounded to render long life under the most severe conditions, specially heat resistant and finished with oil and grease resistant baked elastic enamel, which does not peel or crumble off in use. Underwriters' Approved.

LAMP SIZE 40-100

C&E Safety Lamp Guards are of heavy duty type, steel wires are electrically welded and rustproofed by Heavy Coat of cadmium plating. The friction swiveled hook holds lamp guard in desired position and the center octagon ring prevents guard from rolling when placed on the floor.

The socket is specially designed, 660W-250V, spring contact, no porcelain to break and will give long satisfactory service.

C&E Safety Portable Guards are constructed to permit easy assembling, no soldering or taping is necessary. The cord is passed through seal at end of handle, then the wires are run through holes in the disc and knotted, taking all strain off the socket connections and cord.

C&E Safety Portable Lamps are watertight. Lamp seals itself into top of Rubber Handle, and the cord is sealed at the end of handle by inside lip.

Catalog No.	NET PRICE EACH		
	24 and Over	12-24	1-12
17,000 Open Guard	\$.96	\$1.20	\$1.28
17,000-R Reflector	1.02	1.275	1.36
	With Thumb Screws		
17,000-T	\$1.05	\$1.32	\$1.40
17,000-RT Reflector	1.11	1.39	1.48

The above Portables can be furnished with fibre or rubber covered guards.
Prices on request.

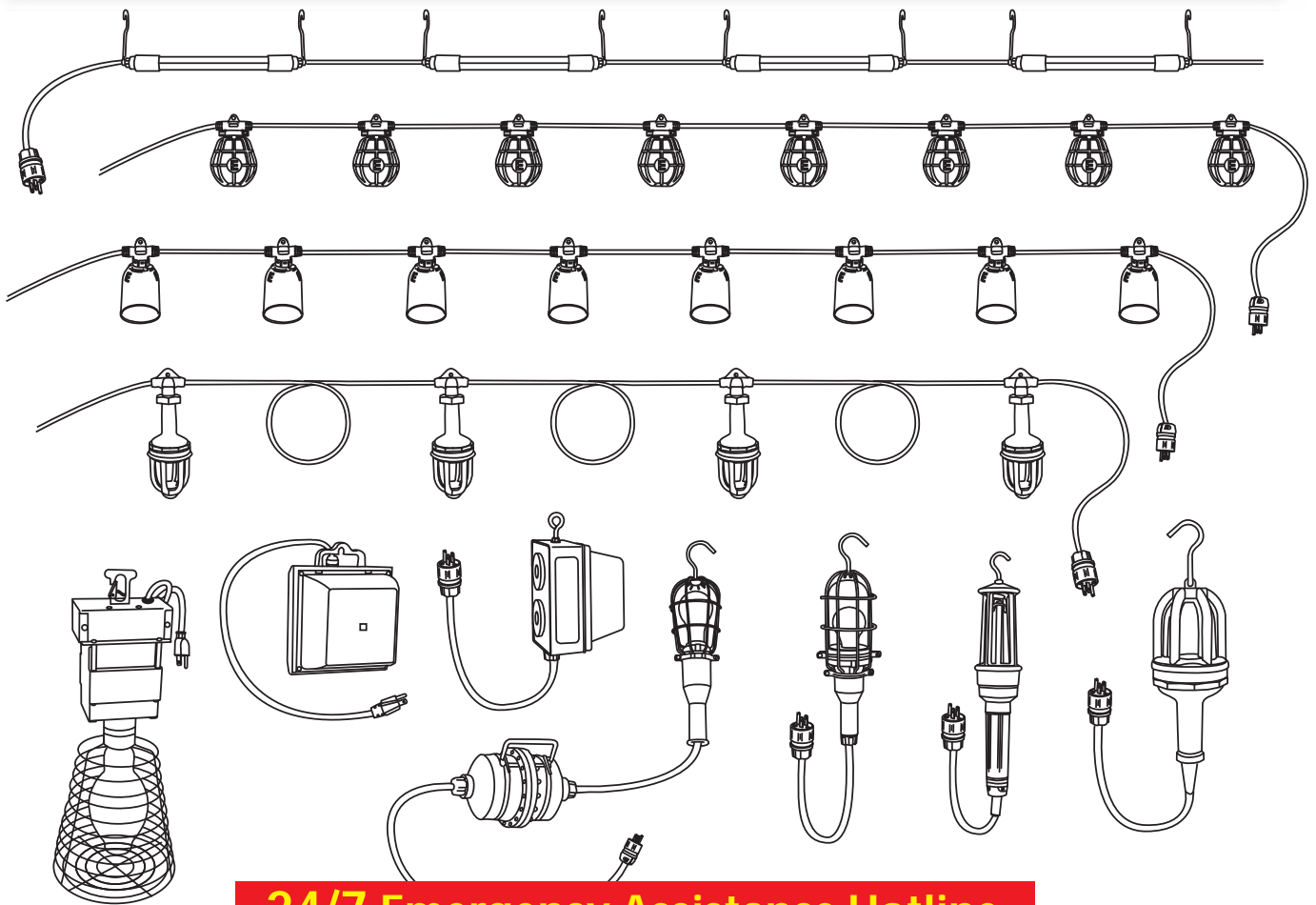
F.O.B. Cleveland, Ohio

Industrial Products Co.

800 WEST SOMERSET STREET
Philadelphia, Pa.



Original Ad from the 1940's



24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.
FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY
Note: Products shown on this page may not be listed.



Stringlights

Comply with OSHA and Canadian worker's comp regulations and the NEC/CEC with these stringlights. Available in many styles to suit your jobsite needs.

GOOD - Construct-O-Lite® – 2-Wire Contractor Grade Molded Stringlights

BETTER - E-Lite™ 3-Wire Commercial Grade Molded Stringlights

BEST - 3-Wire Heavy Duty Molded Stringlights

EXTREME - Hazardous Location Explosion Proof Stringlights

High Bay Temporary Lighting

Baylite™ 400 & 250 Watt Pulse Start Metal Halide

- Pulse Start ballast meets the requirements of the Energy Independence Act of 2007
- CUL Listed - suitable for damp locations
- Open-air ballast for cooler operation
- Multi-Tap ballast: 120V, 208V, 240V, 277V: Factory wired at 120V
 - Base models have 3 ft 18/3 power cord with 5-15P molded plug.
 - Feed thru models have 14/3 molded primary and secondary cords attached. (CSA certified on feed thru models)
 - Clear metal halide pulse type O lamp included (NEC 2008 Compliant)
 - Average rated lamp life of over 10,000 hours
 - Super bright metal halide lamp has a color temperature of 4000K
 - EZ hook with locking feature
 - (2) 3/4" knock-outs for optional conduit access (on base models only)



Wide Area Lighting

Ericson offers many styles of medium to large area lighting for many applications. From the versatile Magnet Mountable Model 1000, (still Made in the USA), to the Emergency Battery Ballast version of our popular model 1000-F series Heavy Duty Fluorescent Magnet lights, we have your medium area lighting covered with code compliant products. Rounding out our product offering with the Suntower™ which brings bright twin 1000 Watt Stadium Lights on an easy to assemble unit with power distribution built right in, (and even a generator powered model!).

- Model 1000 : 70 Watt HPS and MH high brightness in a NEMA 3R rain rated design with magnet mounting and power receptacles built right in.
- Model 1000-F : Same great design and features of the popular 1000 with multiple fluorescent tube cool lighting
- Model 1000-EMBT : Housed in the popular model 1000-F is a 120 minute battery backup in the event of power failure – great for confined spaces and safe operations
- Model 1000-MH & 1003-HPS : the large 6" magnet and die cast housing make this model a rugged contender for your lighting needs
- Suntower : 3 base models to choose from... Single and Dual Lights with winch operations and generator model – Bright as the Sun



Task, Tent & Work Heavy Duty

From the versatile T8 All electronic-ballasted Model 800 Series, (Made in the USA), to the new greener version of our popular model 1100 series Heavy Duty All Weather Rubberized T8 lights, we have your Tent, Shelter, Task & Work Area lighting handled. Ericson makes a wide variety of all-weather, high brightness lights for many applications. Easy to use and built to last job after job, Ericson has the lighting products you need for your application.

Model 800 Series: Superior T8 tube lighting in a ruggedly designed rubberized housing which withstands lots of abuse. 2 ft to 5 ft models are available.

- Model 1140: New electronic auto Multi-Voltage ballast operates from 120 to 277 V 50/60 Hz without modification. Green T8 bulbs with miser ballast housed in the ultimate harsh environment design.
- Model 1239 : Same great features as the 1140 Series in a compact 2 ft light with BX tubes and high lumen output in a compact design. 120V only



Hand Lamps

- Commercial and light duty handlamps
- Industrial duty incandescent handlamps
- Vapor-Gard® handlamps
- Industrial fluorescent handlamps
- Industrial low voltage fluorescent handlamps
- 13W fluorescent handlamps with battery pack
- Low voltage handlamps with in-line transformer



Hazardous Location

Need lighting for Classified and Hazardous locations? We have the lighting you need to meet your safety and code conditions. With a long history of Hazardous location lighting safety, Ericson has the products and quality reputation as an original manufacturer of heavy duty Class 1 & 2, Div 1 & 2 Certified and Listed Products.

- 12 Volt Spot and Flood 2200 series mates with our popular low voltage transformers to ensure compliance in Classified areas
- Our 26W Fluorescent Model 2500 Handlamp comes as a handlamp alone (for your cord) or with 25 or 50 ft of cord and plug ready to go
- The Best Selling 2600 Series XP handlamp can operate with two types of bulbs, with or without cord and the ease of quick field repairs



Specialty Use

Our specialty lights meet the needs of special lighting situations. If you have a particular situation that needs lighting innovation and a solution, contact Ericson today. We can help.

- 500 Watt "Boiler Inspection" Light – 90 deg and straight tube that fits into a small opening for inspections – can be used in a variety of applications

Types of Stringlights:

There are several types of stringlights available. These types differ in construction and the environments for which they are designed to operate. The basic design of a stringlight set is a medium Edison base lamp socket electrically connected to a cord via several methods:

1. Mechanically Attached Sockets – Like our model X-142100, these indoor rated stringlights use lamp sockets with insulation displacement or piercing pins to make the electrical connection through the cord jacket insulation. The socket is then held on with mechanical means and the stringlight is supported by hanger hooks at each socket location. Economically priced, these stringlights are normally used only a few times and then discarded.
2. Molded Sockets – The design of these stringlights varies, but the basic design is a medium Edison base socket that is held in an overmolded material area attached to the cord. The electrical connections and socket are protected from the environments and this reduces corrosion and electrical faults. The cord jacket and the overmold material vary from manufacturer to manufacturer and the durability depends on this material formulation to ensure a watertight bond.

Rules for Use:

There are many rules governing the use of stringlights. These are a few of the more common questions that arise. Consult your local inspection authority before installing stringlights.

1. Length of Time - Stringlights are normally used in *Temporary Use Locations* (defined by NEC Article 590) and the length of time is defined in that article.
2. Article 590.4 of the NEC 2008 states that all lamps will have protection from accidental contact or damage.
3. Two wire stringlights (no ground wire) must use non-conductive lamp guards.
4. Three wire stringlights can use metallic or non-metallic guards, but the metallic guards must be grounded with a continuous ground wire through the stringlight.
5. Depending on your local inspector, stringlights can be “hard wired” to a panel as long as there is no strain on the connection.
6. Stringlights must be held aloft by the hanging tabs located at each lamp socket and not by the cord/conductors unless permission by the manufacturer is given.
7. According to article 590 of the 2008 NEC, lighting circuits and power circuits in temporary locations should not be mixed. You should not protect a stringlight circuit with GFCI protection.

Do's and Don'ts

1. Never use indoor rated stringlights in outdoor situations
2. Never install lamps with wattage greater than the manufacturer's specifications for that stringlight
3. Never operate stringlights without lamp guards in place – replace any broken guards
4. Use hang tabs or a “messenger wire” to suspend stringlights over the work area

Stringlight Selection Guide

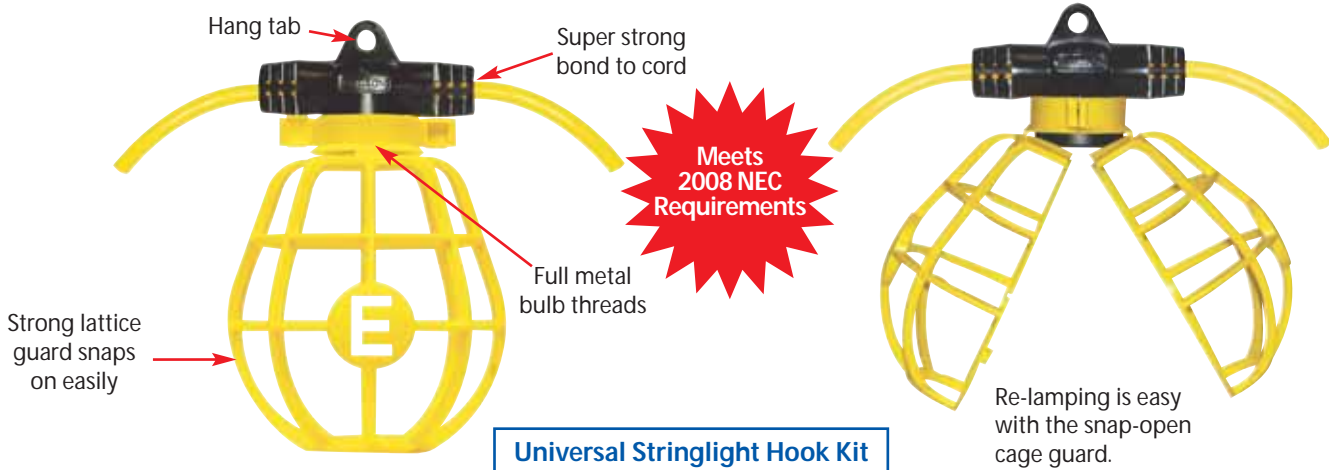
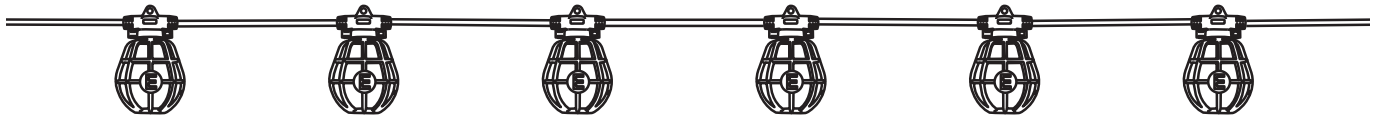
Contractor Grade Stringlights	Length	Wire Type	Guard Type (included)	Primary Plug	Secondary Connector
142100	100 Ft.	14/2 SJT 300V	Plastic Lattice 04201	Molded NEMA 1-15P	Molded NEMA 1-15C
X-142100	100 Ft.	14/2 Flat 300V	Plastic Lattice Snap-on	blunt	blunt
E-Lite Commercial Grade Stringlights					
143100STWY-1L	100 Ft.	14/3 STW 600V	Plastic Lattice 04201	Molded 5-15P	Molded 5-15C
143100STWY-2L			Plastic Lattice 04201	Molded L5-15P	Molded L5-15C
143100STWY-1W			Welded Wire 211	Molded 5-15P	Molded 5-15C
143100STWY-2W			Welded Wire 211	Molded L5-15P	Molded L5-15C
143100STWY-1WP			Vinyl Coated Wire 211-P	Molded 5-15P	Molded 5-15C
143100STWY-2WP			Vinyl Coated Wire 211-P	Molded L5-15P	Molded L5-15C
143100STWY-1C			Clear Rain 212**	Molded 5-15P	Molded 5-15C
143100STWY-2C			Clear Rain 212**	Molded L5-15P	Molded L5-15C
122100STW	100 Ft.	12/2 STW 600V	Plastic Lattice 04201	Molded 1-15P	Molded L5-15C
122100STW-C			Clear Rain 212**	Molded 1-15P	Molded L5-15C
123100STWY-1L	100 Ft.	12/3 STW 600V	Plastic Lattice 04201	Molded 5-15P	Molded 5-15C
123100STWY-3L			Plastic Lattice 04201	Molded L5-20P	Molded L5-20C
123100STWY-1W			Welded Wire 211	Molded 5-15P	Molded 5-15C
123100STWY-3W			Welded Wire 211	Molded L5-20P	Molded L5-20C
123100STWY-1WP			Vinyl Coated Wire 211-P	Molded 5-15P	Molded 5-15C
123100STWY-3WP			Vinyl Coated Wire 211-P	Molded L5-20P	Molded L5-20C
123100STWY-1C			Clear Rain 212**	Molded 5-15P	Molded 5-15C
123100STWY-3C			Clear Rain 212**	Molded L5-20P	Molded L5-20C
* 50 ft. available - change 100 to 50 ** Does not include bottom snap-on cover					
Industrial Grade Stringlights					
143100Y-1	100 Ft.	14/3 SEOW	Order Separately	1510-PW6P (NEMA 5-15P)	1610-CW6P (NEMA 5-15C)
143100Y-2			Order Separately	1520-PW6P (NEMA L5-15P)	1620-CW6P (NEMA L5-15C)
123100Y-1		12/3 SEOW	Order Separately	1510-PW6P (NEMA 5-15P)	1610-CW6P (NEMA 5-15C)
123100Y-2			Order Separately	1520-PW6P (NEMA L5-15P)	1620-CW6P (NEMA L5-15C)
123100Y-3			Order Separately	2310-PW6P (NEMA L5-20P)	2410-CW6P (NEMA L5-20C)
* 50 ft. available - change 100 to 50					



Construct-O-Lite® – 2-Wire Contractor Grade Molded Stringlights

Comply with OSHA regulations and the NEC with these molded stringlights. No more open conductors that can be cut into by metal studs posing and extreme safety hazard. Several different models to choose from.

- Meets OSHA & Canadian WC construction site requirements
- Meets NEC/CEC requirements for temporary lighting
- Designed for applications that require rapid set-up/tear-down and an economy stringlight
- Full threaded screwshell to ensure proper contact
- Easy relamping with non-conductive, snap-open cage guard
- Built-in hanger for easy installation with messenger cable or hooks
- Standard models supplied with 15Amp, 2-wire straight-blade (NEMA 1-15) plug & NEMA 1-15 connection
- #14/2 and #12/2 cord types



Detail of plug end



**#14/2 300V
&
#12/2 600V
Cord Types**

Universal Stringlight Hook Kit

10 S hooks per bag (order separately)



SLHK-01

Re-lamping is easy with the snap-open cage guard.

212 Rain Guards included with model 122100STW-C



Item Number	Best Seller		#14/2 AWG	#12/2 AWG	
	142100	122100STW	122100STW-C		
Specifications:					
Electrical	120V/60Hz	120V/60Hz	120V/60Hz		120V/60Hz
Overall Length	100 ft.*	100 ft.*	100 ft.*		100 ft.*
Cable gauge & type	14/2 SJTW 300V	12/2 STW 600V	12/2 STW 600V		12/2 STW 600V
Guard	04201 snap on lattice	04201 snap on lattice	04201 snap on lattice		212 Rain Guard
Number of sockets	10	10	10		10
Socket spacing	10 ft.centers	10 ft.centers	10 ft.centers		10 ft.centers
Max watts per socket	150	150	150		150
Primary	ⓑ NEMA 1-15 plug	ⓑ NEMA 1-15 plug	ⓑ NEMA 1-15 plug		ⓑ NEMA 1-15 plug
Secondary	NEMA 1-15 connection	NEMA 1-15 connection	NEMA 1-15 connection		NEMA 1-15 connection

NOTES:

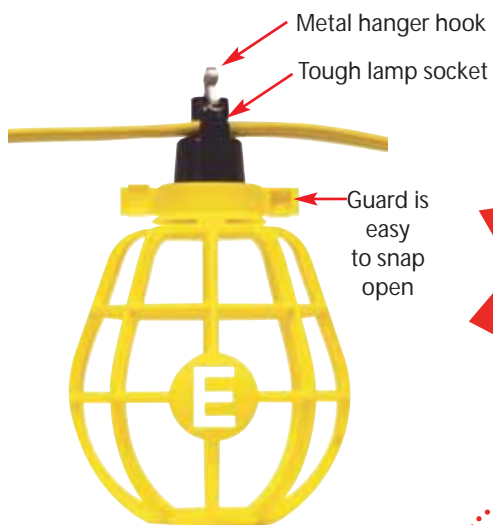
* 50 ft available - call for details

Not for use with short A19 type bulbs

Construct-O-Lite® II – Light-Duty Flat Wire Stringlights

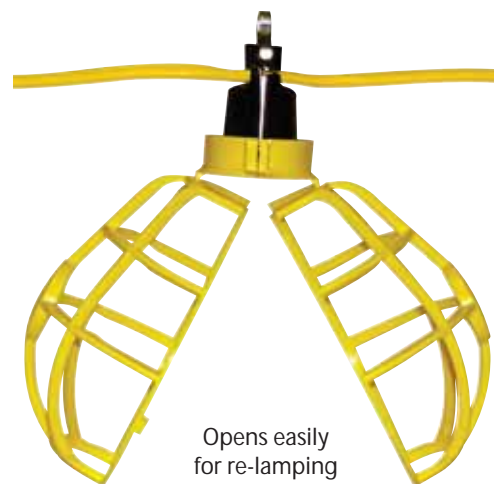
Comply with OSHA regulations and the 2008 NEC with these light duty stringlights. No more open conductors that can be cut into by metal studs posing an extreme safety hazard.

- Meets OSHA construction site requirements
- Meets NEC requirements for temporary lighting
- Designed for applications that require rapid set-up/tear-down and an economy stringlight
- Easy relamping with non-conductive, snap-open cage guard
- Built-in hanger for easy installation with messenger cable or hooks
- Accommodates one Type A-19 or one Type A-23 Lamp per socket max 150W

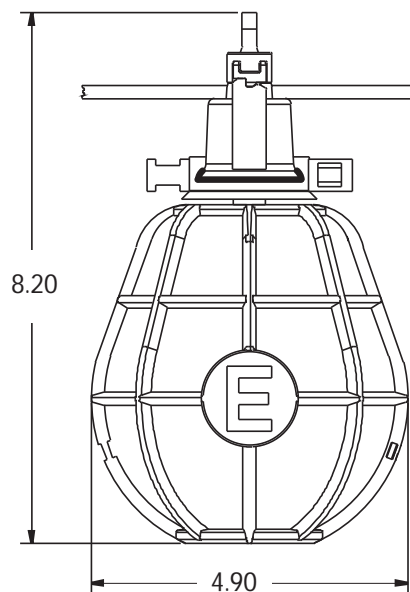


Re-lamping is easy with the snap-open cage guard.

For use indoors or under roof



Catalog Number	X-142100
Specifications:	
Electrical	120V, 12.5A, 1500W
Overall length	100 ft.
Cable gauge & type	AWG #14/2
Guard	Snap on lattice
Number of sockets	10
Socket spacing	10 ft. centers
Max watts per socket	150W
Primary	9' Blunt
Secondary	1' Blunt with shrink tube cap



Universal Stringlight Hook Kit
 10 S hooks per bag (order separately)
 SLHK-01

3-Wire Commercial Grade Stringlights

TEMPORARY LIGHTING

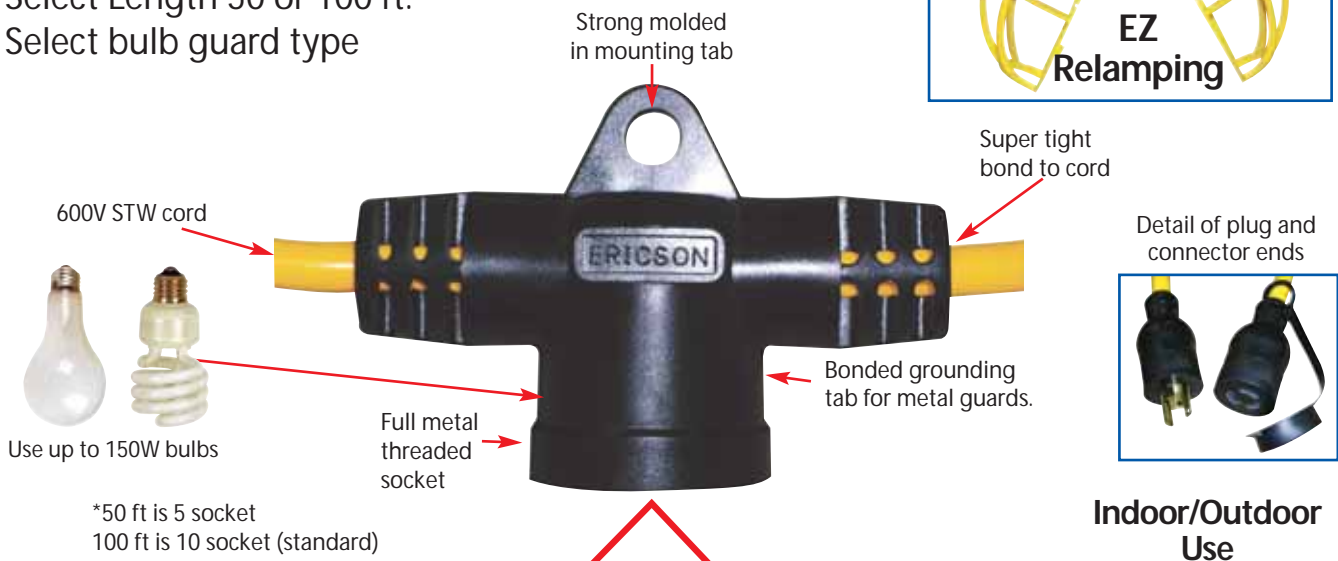
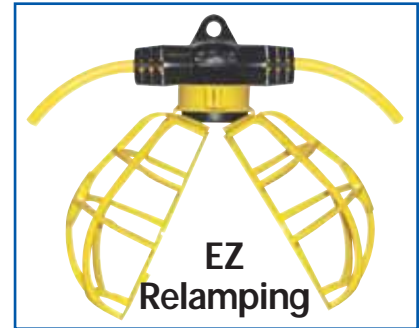
E-Lite™ 3-Wire Commercial Grade Molded Stringlights

- Meets OSHA construction site requirements – 1926.405(a)(2)(ii)(E&F)
- Meets NEC requirements for temporary lighting – 525.21(B), 527.4(F), 527.4(H)
- Designed for applications that require rapid set-up/tear-down and a 3-wire stringlight
- Full threaded screwshell to ensure proper contact
- Available with non-conductive, snap-open cage guard grounded wire guard or clear rain guards
- Built-in hanger for easy installation with messenger cable or hooks
- Units come standard with Extra-Hard-Usage ST cord in 50 ft. and 100 ft. lengths
- Stringlights come standard with Ericson's molded plugs and connectors.



Ordering is EASY!

1. Select 14/3 or 12/3 wire
2. Select Length 50 or 100 ft.*
3. Select bulb guard type



EZ Snaps together

04201 Rugged Plastic Guard "L"

211 Zinc Coated Wire Guard "W"

211-P Vinyl Coated Wire Guard "WP"

212 Clear Lexan Guard

EZ Snaps On "C" Models

EZ Snaps On

216 End Cap Order Separately

Screws on

Grounds When Installed

211-BG Zinc Coated Wire Guard Snap on Bottom

Not for use with short A19 type bulbs

Universal Stringlight Hook Kit
10 S hooks per bag (order separately)
SLHK-01

3-Wire Commercial Grade Stringlights

E-Lite™ 3-Wire Commercial Grade Molded Stringlights Selection Guide

Standard products come with 9 ft. primary (lead) and 1 ft. secondary (tail)

Stringlights with #12/3 STW Cable:

	#12/3 STW w/ Plastic Lattice Guard		#12/3 STW w/ Wire Cage Guard*		12/3 STW w/Clear Lexan Rain Guard**	
50 ft. Overall Length	12350STWY-1L	12350STWY-3L	12350STWY-1W	12350STWY-3W	12350STWY-1C	12350STWY-3C
100 ft. Overall Length	123100STWY-1L	123100STWY-3L	123100STWY-1W	123100STWY-3W	123100STWY-1C	123100STWY-3C
Specifications:						
Electrical	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz
Overall Length	see above	see above	see above	see above	see above	see above
Cable gauge & type	12/3 STW	12/3 STW	12/3 STW	12/3 STW	12/3 STW	12/3 STW
Guard	04201 snap on lattice	04201 snap on lattice	211 Wire guard	211 Wire guard	212/216 Guard	212/216 Guard
Number of sockets:						
50 ft. stringlights	5	5	5	5	5	5
100 ft. stringlights	10	10	10	10	10	10
Socket spacing	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers
Max watts per socket:						
50 ft. stringlights	200	200	200	200	200	200
100 ft. stringlights	150	150	150	150	150	150
Plug***	(NEMA 5-15)	(NEMA L5-20)	(NEMA 5-15)	(NEMA L5-20)	(NEMA 5-15)	(NEMA L5-20)
Connector***	(NEMA 5-15)	(NEMA L5-20)	(NEMA 5-15)	(NEMA L5-20)	(NEMA 5-15)	(NEMA L5-20)

* For vinyl coated wire guards add "P" Example 123100STWY-1WP

** 216 End caps ordered separately

***50 ft. stringlight sets come with mechanically attached plugs. 100 ft stringlight sets come with molded on plugs and connectors

Stringlights with #14/3 STW Cable:

	#14/3 STW w/ Plastic Lattice Guard		#14/3 STW w/ Wire Cage Guard*		14/3 STW w/Clear Lexan Rain Guard**	
50 ft. Overall Length	14350STWY-1L	14350STWY-2L	14350STWY-1W	14350STWY-2W	14350STWY-1C	14350STWY-2C
100 ft. Overall Length	143100STWY-1L	143100STWY-2L	143100STWY-1W	143100STWY-2W	143100STWY-1C	143100STWY-2C
Specifications:						
Electrical	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz
Overall Length	see above	see above	see above	see above	see above	see above
Cable gauge & type	14/3 STW	14/3 STW	14/3 STW	14/3 STW	14/3 STW	14/3 STW
Guard	04201 snap on lattice	04201 snap on lattice	211 Wire guard	211 Wire guard	212/216 Guard	212/216 Guard
Number of sockets:						
50 ft. stringlights	5	5	5	5	5	5
100 ft. stringlights	10	10	10	10	10	10
Socket spacing	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers
Max watts per socket:						
50 ft. stringlights	200	200	200	200	200	200
100 ft. stringlights	150	150	150	150	150	150
Plug***	(NEMA 5-15)	(NEMA L5-15)	(NEMA 5-15)	(NEMA L5-15)	(NEMA 5-15)	(NEMA L5-15)
Connector***	(NEMA 5-15)	(NEMA L5-15)	(NEMA 5-15)	(NEMA L5-15)	(NEMA 5-15)	(NEMA L5-15)

NOTES:

* For vinyl coated wire guards add "P" Example 123100STWY-1WP

** 216 End caps ordered separately

***50 ft. stringlight sets come with mechanically attached plugs. 100 ft stringlight sets come with molded on plugs and connectors

CONTACT ERICSON FOR YOUR CUSTOM STRINGLIGHT CONFIGURATIONS!



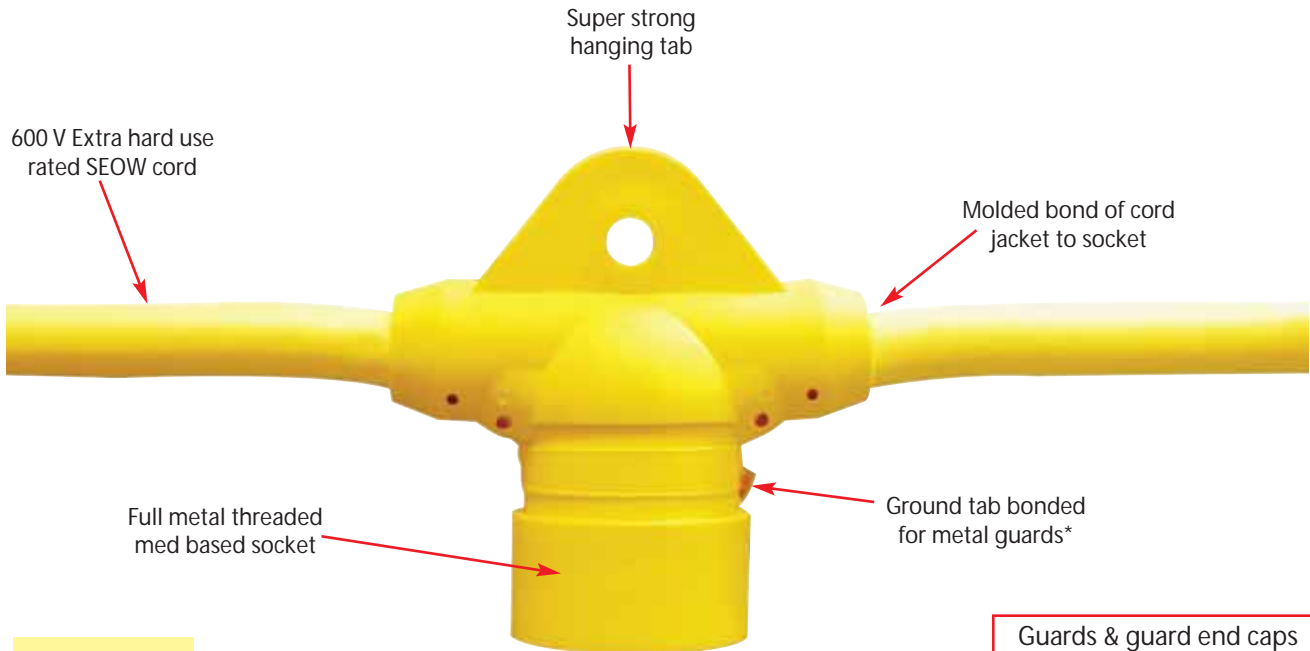
MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

3-Wire Heavy Duty Molded Stringlights

- UL Listed and CSA Certified
- Meets OSHA construction site requirements – 1926.405(a)(2)(ii)(E&F)
- Meets NEC requirements for temporary lighting – 525.21(B), 527.4(F), 527.4(H)
- Designed for demanding industrial applications
- Full threaded screwshell to ensure proper contact
- Available with non-conductive, rain-guard or wire guard
- Built-in hanger for easy installation with messenger cable or hooks
- Units come standard with Extra-Hard-Usage SEOW cord in 50 ft. and 100 ft. lengths
- Stringlights come standard with Ericson's Perma-Tite® plugs and connectors



600 V Extra hard use rated SEOW cord

Super strong hanging tab

Molded bond of cord jacket to socket

Full metal threaded med based socket

Ground tab bonded for metal guards*

Not for use with A19 type bulbs

*Guards sold separately

Guards & guard end caps sold separately on Heavy Duty stringlights



ALL INDUSTRIAL GRADE STRINGLIGHTS COME WITH WATER-TIGHT NEMA 6P RATED PLUG & CONNECTOR



Full metal socket



Also available in black, See chart notes

Universal Stringlight Hook Kit
10 S hooks per bag (order separately)



SLHK-01

Custom Lengths & Socket Spacing Available

Not for use with short A19 type bulbs

Heavy Duty 3-Wire Industrial Molded Stringlights

Heavy-Duty Industrial 3-Wire Molded Stringlights Selection Guide

Standard products come with 9 ft. primary (lead) and 1 ft. secondary (tail)

NEW!

NEW!

	#14/3 SEOW Cable		#12/3 SEOW Cable			240V #12/4 Cable	208V 3 Ph #12/5 Cable
50 ft. Overall Length	14350Y-1	14350Y-2	12350Y-1	12350Y-2	12350Y-3	12460Y-4	12560Y-5
100 ft. Overall Length	143100Y-1	143100Y-2	123100Y-1	123100Y-2	123100Y-3	124100Y-4	12590Y-5
Specifications:							
Electrical	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz	120V/60Hz	240V	208Y/120V
Overall Length	50 = 50 ft 100 = 100 ft	50 = 50 ft 100 = 100 ft	50 = 50 ft 100 = 100 ft	50 = 50 ft 100 = 100 ft	50 = 50 ft 100 = 100 ft	60 = 60 ft 100 = 100 ft	60 = 60 ft 90 = 90 ft
Cable gauge & type	14/3 SEOW	14/3 SEOW	12/3 SEOW	12/3 SEOW	12/3 SEOW	12/4 SEOW	12/5 SEOW
Guard	Not included see note 1	Not included see note 1	Not included see note 1	Not included see note 1	Not included see note 1	Not included see note 1	Not included see note 1
Number of sockets:							
Short stringlights	5	5	5	5	5	6	6
Long stringlights	10	10	10	10	10	10	9
Socket spacing	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers	10 ft. centers
Max watts per socket:	See note 2	See note 2	See note 2	See note 2	See note 2	See note 2	See note 2
Plug*	-1	-2	-1	-2	-3	-4	-5
Connector*	-1	-2	-1	-2	-3	-4	-5
Color	Yellow**	Yellow**	Yellow**	Yellow**	Yellow**	Yellow**	Yellow**
* Connections	PLUG		CONNECTOR				
	-1 = 1510-PW6P (NEMA 5-15)		1610-CW6P (NEMA 5-15)				
	-2 = 1520-PW6P (NEMA L5-15)		1620-CW6P (NEMA L5-15)				
	-3 = 2310-PW6P (NEMA L5-20)		2410-CW6P (NEMA L5-20)				
	-4 = L14-20P - 2320-PW6P		L14-20C - 2420-CW6P				
	-5 = L21-20P (non water tight)		L21-20C (non water tight)				

** Color = Yellow is standard - Replace "Y" with "B" in part number for all black. Example: 123100B-1

Notes

- 1: Order guards separately - wire, coated or clear rain
- 2: For 10 skt strings 150 Watts is max per socket. For short strings up to 200 Watts per socket is permissible although socket may be marked 150W.
- 3: 214 Guard max is 150W bulb for any string.

Drop with 211-P Guard

Drop with 214 Guard

All Wire Guards Ground When Installed



Order Guards Separately See page 73

Guards & end caps sold separately on Heavy Duty stringlights



OUTDOOR USE



216 End Cap

Part Number Chart - How To Order

123
 Wire Gauge
 143 = 14/3
 123 = 12/3
 124 = 12/4
 125 = 12/5

100
 Overall Length
 Feet

Y - **1**
 Yellow or Black
 Plug/Connector
 1= 5-15 Straight
 2= L5-15 Locking
 3= L5-20 Locking*
 4= L14-20*
 5= L21-20*

Part #	Guard Type
211	Welded wire zinc coated
211-P	Vinyl coated welded wire
214	Clear rain
216	Rain guard snap-on bottom

* Not available on 14/3 cable



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED. FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY
 Note: Products shown on this page may not be listed.

Lamp Guards for Stringlights

- Heavy-Duty Rain-Guard®
- Meets OSHA requirements for temporary lighting: Temporary lights shall be equipped with guards to prevent accidental contact with bulb
- One-piece molded high-impact polycarbonate
- Prevents accidental contact with bulb
- Transparent to let light shine through while protecting bulb from jobsite debris and moisture
- Built-in vents dissipate heat and allow air-flow around bulb for cooling
- Matching polycarbonate end-cap available to provide complete bulb protection



EZ
Snaps On!



EZ
Snaps On!



Description	Collar Diameter	
	1-3/4"*	1-1/2"*
Guard Only	#214	#212
Guard with end cap	#215	#226
End cap only	#216	#216

Length 6-5/8" Diameter 4-11/16"

Accommodates up to 150 watt rough service lamps.

*214 guards fit heavy duty grade stringlights

212 guards fit commercial grade E-Lite stringlights



211-BG

Fits:

- 211
- 220
- 211-P
- 220-P

Heavy Duty Wire Lamp Guards Selection Guide

Universal style plated or vinyl coated

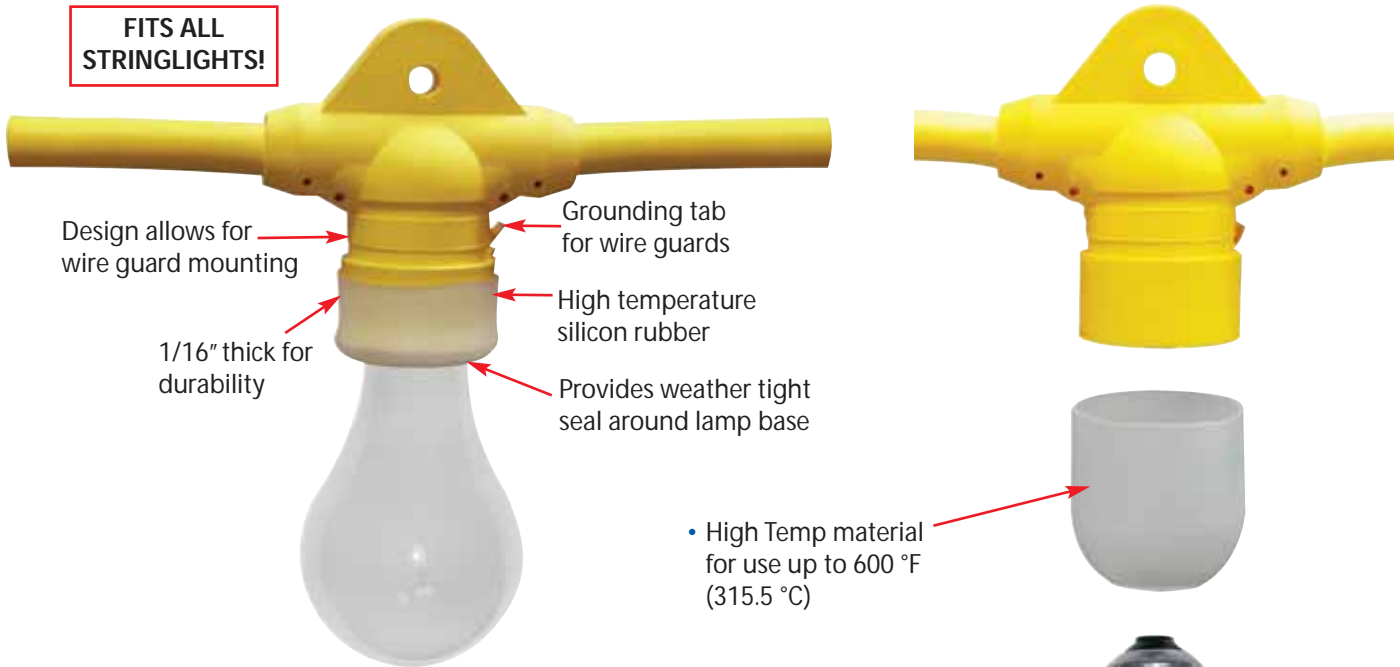
Guard Style	#211	#220	#222	#224
Lamp Size	up to 150 watt A-23-RS or 200 watt A-23/Std.	150 watt PS25 or 200 watt PS30-RS	150 watt A-23/RS or 200 watt A-23/Std.	PAR-38 or R-4
Plated	#211	#220	#222-L	#224
Vinyl coated	#211-P	#220-P	#222-LP	#224-P
Collar Diameter*	1-3/4"*	1-3/4"*	1-3/4"*	1-3/4"*
Dimensions	Length 7" Diameter 4-3/4"	Length 10" Diameter 5"	Length 6-1/2" Diameter 4"	Length 7-1/2" Diameter 6-1/2"

NOTES:

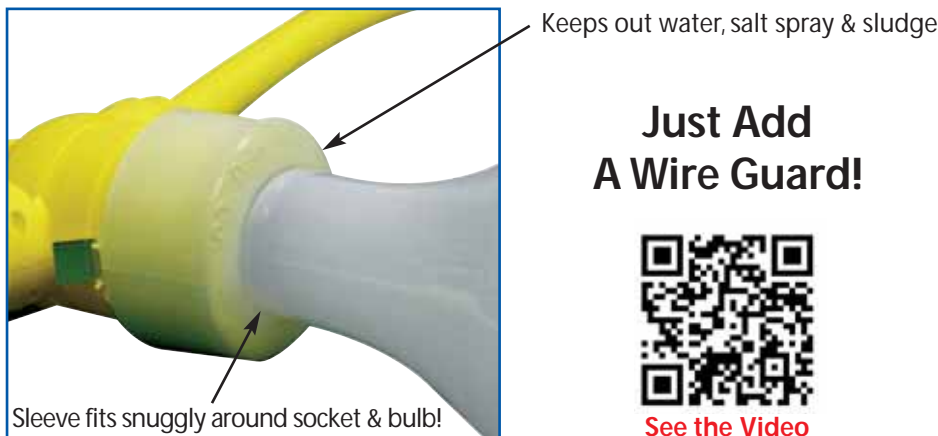
1. For use with E-Lite™ Series stringlights & heavy-duty molded stringlights.

Socket Sleeve

The Socket Sleeve adds an extra layer of environmental protection between the elements and the socket. It slips easily over the socket and seals tight around the lamp. The socket sleeve is available for the E-Lite and the heavy-duty industrial string lights.



- Can be used with Ericson's plated, vinyl-coated & plastic lattice guards. Not recommended for use with 214 or 212 RainGuard®
- Side cutouts provided for use with metal grounding tabs.



**Just Add
A Wire Guard!**



See the Video



**Keeps Electrical
Contacts
Dry & Clean**

Description	Catalog Number	Qty
Socket Sleeve for use with E-Lite & Construct-O-Lite® string lights 1 ¹ / ₂ "	SS-E-LITE	10/Bag
Socket Sleeve for use with heavy-duty string light 1 ³ / ₄ "	SS-HD	10/Bag

Stringlight Assembly Configurator

TEMPORARY LIGHTING

Name: _____
 Company: _____
 Phone: _____
 e-mail: _____

Easy as 1-2-3

1. Fill in all information
2. Select grade & colors
3. Fax: 1-440-951-1867
or
Scan/e-mail:
info@ericson.com

Stringlight Assembly Configurator

Overall Length: _____
 Primary (Lead) Length: _____
 Secondary (Tail) Length: _____
 Plug (ex: 1510-PW6P): _____
 Connector (ex: 1610-CW6P): _____
 Cable Size/Type (ex: #12/3 SEO): _____
 (Note: Wire guards require ground wire)
 Cable Color: _____
 Total Number of Lamp Sockets: _____
 Spacing between Sockets: _____

Lamp Guard Type (select from list below):

- | | | | | |
|-------|-----|-------|--------|-------|
| 211 | 214 | 220 | 222-L | 224 |
| 211-P | 212 | 220-P | 222-LP | 224-P |

Grade of Stringlights

- Commercial Grade (STW 600V Cable & E-Lite Sockets)
 Industrial Grade (Heavy Duty Sockets & SEOW 600V Cable)

E-Lite Socket



- 150W Rated
- Medium Duty
- Good All Around Performance
- 1-1/2" Guard Collar Diameter

Heavy Duty Socket



- 200W Rated
- Heavy Duty Rubberized Feel
- Great Low Temp Operation
- 1-3/4" Guard Collar Diameter

Color

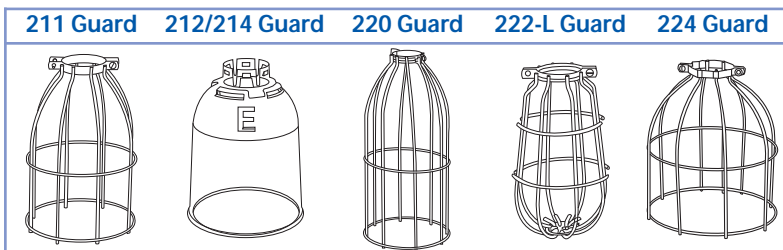
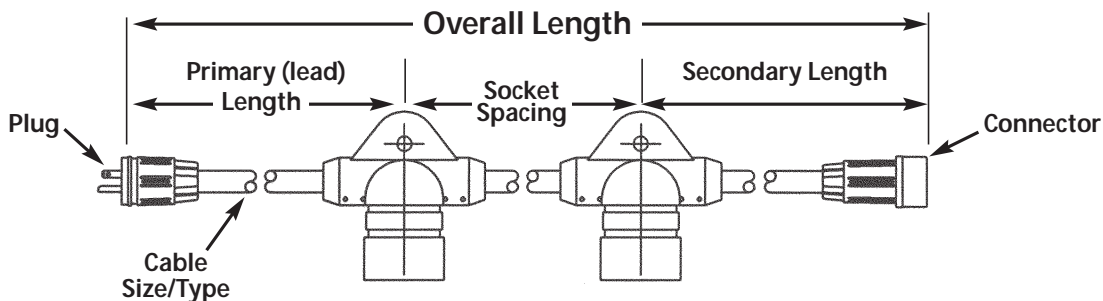
E-Lite Style

- Black "T" with Yellow Cord
 Black "T" with Black Cord

Heavy Duty Style

- Yellow "T" With Yellow Cord
 Black "T" With Black Cord
 Yellow "T" With Black Cord
 Black "T" With Black Cord

The drawing below is intended to serve as a reference tool to assist in the specification of your custom assembly.



Note: Add "-P" to part number to indicate vinyl coated, grounded wire. 214 has a 1-3/4" diameter collar • 212 has a 1-1/2" diameter collar.

***A complete list of Factory Reps can be found on our website**

Note: NEC 590 does not allow the mixing of power & lighting taps on a single GFCI protected circuit.

Hazardous Location Explosion Proof Stringlights

- Available in 50 and 100 ft. lengths
- 5 light (50') and 10 light (100')
- Can use incandescent or self-ballasted CFL bulbs (included)
- Tough molded "T" drop bonds to SEOW cord
- #12/3 cord SEOW standard
- 10 ft. spacing on lamps drops
- Class 1 & 2 Div 1 & 2
- Groups C, D, F & G



LAMP CAN USE BOTH TYPES OF LIGHT BULBS



Use standard incandescent bulbs for traditional lighting



Use self-ballasted CFL bulbs to reduce power & temperature



EXPLOSION PROOF!

Class 1 & 2 Div 1 & 2 CERTIFIED



Tough molded "T" drop

Super strong extension

Union style nut holds lamp assembly firmly to "T" drop

EZ to remove & repair

Rubber bumper protects lamps during storage and installation

Aluminum anti-spark guard

Tempered glass globe provides 360 Illumination



Can be replaced with hook

FEATURE

Snap-on bumper protects employees from overhead injuries

Hazardous Duty Stringlight Selection Guide

Model	Overall Length (ft)	# of Lamps	Lamps Installed	Lamp Center Spacing (ft)	Lead Cord Length (ft)	Plug ¹	Connector ¹	
12350XPI-BL	50	5	120V Incandescent ²	10	9	blunt u-add	blunt u-add	
123100XPI-BL	100	10			9	blunt u-add	blunt u-add	
12350XPI-1	50	5			9	5-15P (1510-PW6P)	5-15C (1610-CW6P)	
123100XPI-1	100	10			9	5-15P (1510-PW6P)	5-15C (1610-CW6P)	
12350XPI-3	50	5			9	L5-20P (2310-PW6P)	L5-20C (2410-CW6P)	
123100XPI-3	100	10			9	L5-20P (2310-PW6P)	L5-20C (2410-CW6P)	
12345XPI-1-LP	45	3			24	5-15P (1510-PW6P)	5-15C (1610-CW6P)	
12365XPI-1-LP	65	5			24	5-15P (1510-PW6P)	5-15C (1610-CW6P)	
12350CFLXPI-BL	50	5			120V CFL Edison Base ³	10	blunt u-add	blunt u-add
123100CFLXPI-BL	100	10					blunt u-add	blunt u-add
12350CFLXPI-1	50	5	5-15P (1510-PW6P)	5-15C (1610-CW6P)				
123100CFLXPI-1	100	10	5-15P (1510-PW6P)	5-15C (1610-CW6P)				

NOTES:

1. Plug is not explosion proof and is intended to be used outside of the hazardous area - do not connect to live powered circuit
2. 75W 120V incandescent
3. 23 Watt self-ballasted CFL bulb included
4. Contact factory for custom assemblies



Class 1, Div. 1 Style Plug & Connector Available



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

400 & 250 Watt Pulse Start Metal Halide Temporary Light Fixture

- Pulse Start ballast meets the requirements of the Energy Independence Act of 2007
- CUL Listed - suitable for damp locations
- Open-air ballast for cooler operation
- Multi-Tap ballast: 120V, 208V, 240V, 277V: Factory wired at 120V
- Base models have 3 ft 18/3 power cord with 5-15P molded plug. Feed thru models have 14/3 molded primary and secondary cords attached. (see chart)
- Clear metal halide pulse type O lamp included (NEC 2008 Compliant)
- Average rated lamp life of over 10,000 hours
- Super bright metal halide lamp has a color temperature of 4000K
- EZ hook with locking feature - fixture mounts in seconds, no tools required
- (2) 3/4" knock-outs for optional conduit access (on base models only)



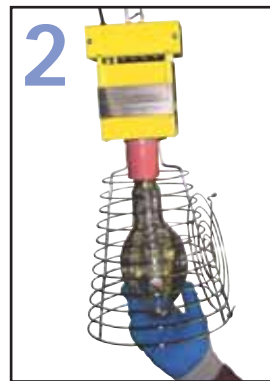
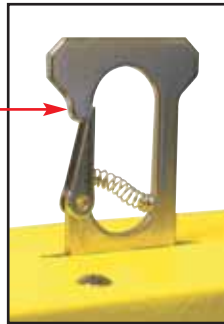
**DAMP
LOCATION
RATED**

SETTING UP IS AS EASY AS:



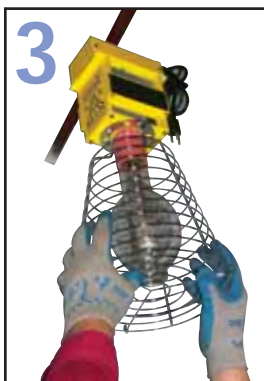
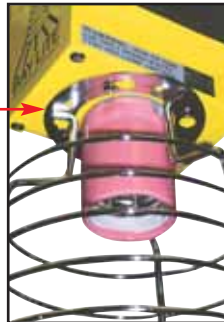
1 Assemble Guard

Locking spring EZ hook



2 Install Lamp

Rugged welded mounting ring attaches to ballast body



3 Hang & Connect



More efficient Pulse Start Ballast

"One hand" easy to hang locking spring hook

Heavy duty steel, powder coated enclosure

Standard 3 ft cord

Easy internal taps for 208, 240, 277 volts

Easy to assemble guard mount ring

Pink socket assures compliance rejects old style bulbs

Molded 5-15P

Durable welded guard

Double envelope bulb stops ruptures at end of life

Type O pulse bulb included!



EISA Energy Act Compliant



Model 1004-MHX-25PS
50' also available



Model 1004-MHX-R16PS
16" Reflector



NEW Snap-on bottom guard
Hangs to change bulb

Model 1004-MHXPS



Need Help
with Lighting
Lay Out?
See page 217

NEC 2008
Code
Compliant

400 & 250 Watt
Models Available



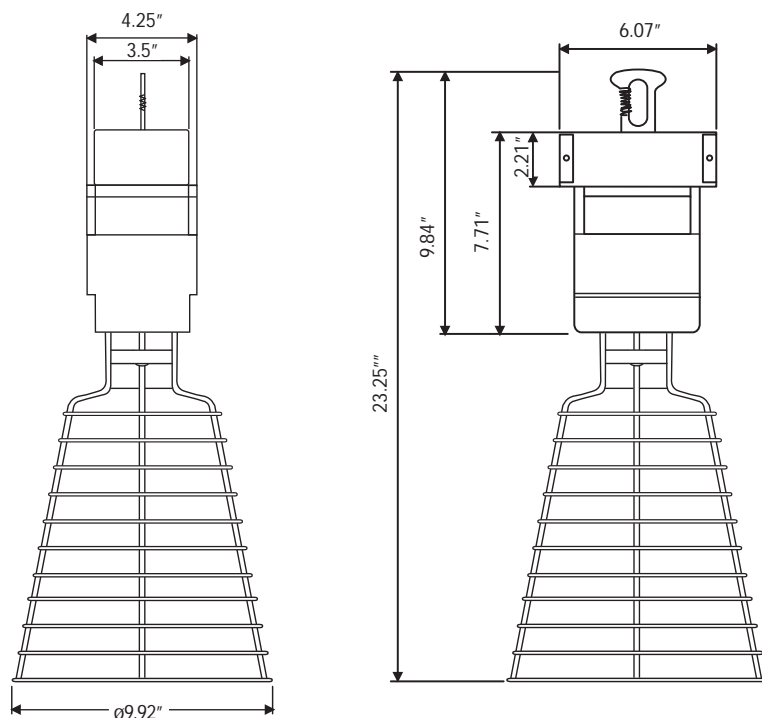
Model 1004-MHXPS-25
50' also available

Model 1004-MHX-R16PS
16" Reflector

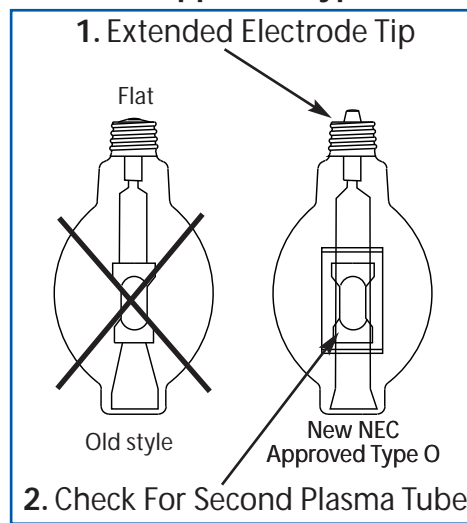


**EISA Energy
Act Compliant**

Dimensions:



**Old Style VS
New NEC Approved Type O Bulb**



Only new type O pulse bulbs
will operate in Baylites™

Specifications

Model	Wattage	Guard	Primary Feed	Secondary feed
1004-MHXPS	400	Open Cage	18/3 3ft 5-15P	N/A
1004-MHX-R16PS*	400	16" alum reflector	18/3 3ft 5-15P	N/A
1004-MHX-1PS	400	Open Cage	14/3 1ft 5-15P	1 ft 14/3 5-15C
1004-MHX-25PS	400	Open Cage	14/3 1ft 5-15P	25 ft 14/3 5-15C
1004-MHX-50PS	400	Open Cage	14/3 1ft 5-15P	50 ft 14/3 5-15C
1002-MHXPS	250	Open Cage	14/3 1ft 5-15P	N/A

Replacement Parts

Catalog Number	Description
1004-MHX-LPS	Type O 400W M155 E Pulse Start Bulb
1002-MHX-LPS	Type O 250W M155 E Pulse Start Bulb
1004-MHX-G	Wire guard for 1004-MHXPS
1004-REFL	16" reflector guard kit (retro fit)
1004-MHX-BG	Bottom snap-on guard

NOTES:

* Sold in 2 pack cartons - add "-2" to each order



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Note: Products shown on this page may not be listed.

Handlamp Selection Guide

Descriptions	Page #	Light Duty	Medium Duty Commercial	Heavy Duty Industrial	Vapor Proof Industrial	Explosion Proof - Hazardous Location	120 Volt Models	12 V Models	Incandescent Bulb Models	Fluorescent Bulb Models	U Add-a-Cord Models	Pre-wired Cord Connected Models
2900 Series		•					•		•			•
800 Mini - Lite Fluorescent		•					•			•		•
400 Series Angle		•					•			•		•
500 Series Pivot			•				•			•		•
7 Series Single Bulb			•				•		•		•	•
9 Series Single Bulb			•				•		•		•	•
700 DHH Dual Bulb Series				•			•		•		•	•
70-NG Series					•		•	•	•		•	•
900 Series Fluorescent				•			•	•		•	•	•
926 Series Fluorescent				•			•	•		•	•	•
1917 Series 30 Watt			•				•	•	•			•
1918 Series 30 Watt			•				•	•	•			•
1950 Series 30 Watt				•				•	•			•
1924 Series					•		•	•	•			•
1926 Series						•	•	•	•			•
2200 Series						•	•		•			•
2500 Series						•	•			•	•	•
2600 Series						•	•	•	•	•	•	•



70-NGQL



744



926-25



918



2500

200, 300, 400 & 500 Series Fluorescent Handlamps

	<p>400 Series Angle Lights</p> <ul style="list-style-type: none"> • Magnet Mount • Receptacle • On/Off Switch 	<p>500 Series Pivot Lights</p> <ul style="list-style-type: none"> • Magnet Base • On/Off Switch • Folds • Receptacle
	13-watt AC	13-watt AC
with 25' cord	413-25	513-25
with 50' cord	413-50	
Electrical Ratings	120V, 60Hz	120V 60HZ
Cord Size/# Conductors	#16/3	#16/3
Cord Type	SJTOW	SJTOW
Ballast Location	Handle	Base
Power Inlet	Molded NEMA 5-15 plug	Molded NEMA 5-15 Plug
Power Receptacle Rating	NEMA 5-15 120V, 13Amps	NEMA 5-15 120V, 13Amps

Light Duty Fluorescent Handlamps

- Cool glare-free light ideal for close-up work
- Fluorescent tube protected by clear butyrate lens
- Lamp secured by shock-absorbing retainers
- Flexible hook for easy positioning
- Shatter-resistant plastic housing



	15-watt
with 25' cord	801-25
Specifications:	
Electrical Ratings	120V, 60Hz
Replacement lamp	F15T8/CW
Ballast Location	Integral with plug
Plug	NEMA 5-15
Switch	Yes
Overall Length	26
Max. O.D.	2-1/8
Weight	2.5 lbs.

Light Duty Incandescent Handlamps: 2900 Series

For many applications the 2900 Series hand lamp offers an economical alternative and proven performance. Typical applications include general maintenance, construction, remodeling, demolition and repair work.

2900 Series Hand Lamps

- UL & CUL Listed
- Lightweight and compact
- Handle constructed of high-impact black nylon
- Includes switch
- 50' cord length with molded on NEMA 5-15 plug
- Receptacle in handle

	2900 Series
with 25' cord	2925
with 50' cord	2950
Specifications:	
Electrical Ratings	120V, 60Hz
Max. Wattage	100 watt
Cord Size/# Conductors	#16/3
Cord Type	SJTOW
Plug	Molded NEMA 5-15 plug
Switch	Yes
Outlet in Handle	Yes (NEMA 5-15)
Reflector Guard	Yes
Swing Open Guard	Yes
Swivel Hook	No



7 & 9 Series Industrial Duty Incandescent Handlamps

- UL Listed and CSA Certified, ETL and CETL Listed
- Molded flexible handle impervious to impact and resistant to jobsite chemicals
- Standard with NEMA 5-15 side outlet (9 Series only)
- Available with optional switch
- Wide selection of pre-wired handlamps and component parts
- Ericson's exclusive Safety Yellow and Blue color combination for easy identification
- Prewired models come with #16/3 SOW cord and Ericson's 1510-PG Perma-Grip™ plug



7425-R shown



9425-R shown

SPECIFICATIONS

Material

- Proprietary Rubber
- Lampholder/Cord Entry Seal: Rubber
- Screwshell: Tin-plated brass
- Side Outlet: NEMA 5-15R (900 Series only)

Electrical

- Operating voltage: 120V or 12V (bulb choice)

Mechanical

- Color: Yellow
- Cord Types: SOW
- Up to 14/3 SOW

Superior low temperature performance

CUSTOMIZE

Need to ensure that your handlamps stay on the jobsite?

Customize with:

- Color
- Handle marking
- Cord marking

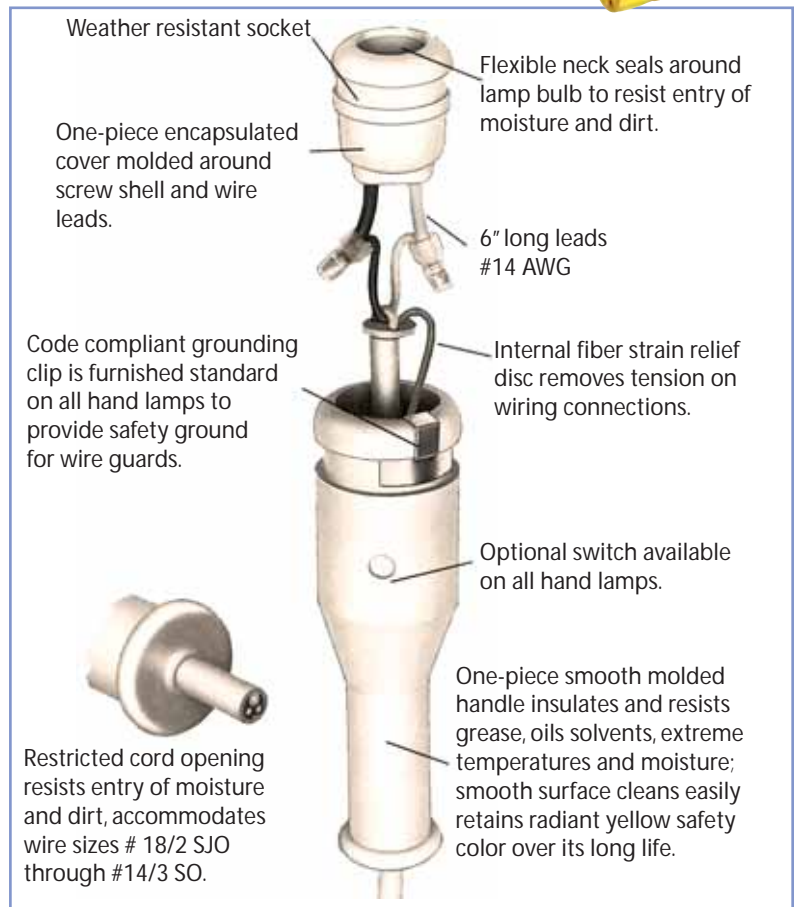
ERICSON MANUFACTURING COMPANY 1661 ERICSON COM 1-800-ERICSON







USE WITH
INCANDESCENT
OR CFL BULBS



*These lamps have one or more approvals



Industrial Duty Handlamps

Complete Ready To Wire or Cord Supplied Lamps	7 Series		9 Series			
						
Handlamp Handles w/Guard	Closed-end	Closed-end	Closed-end	Closed-end		
Reflector						
Switch						
Cord Length						
No	No	N/A	744	718	944	918
No	No	N/A	744-I	718-I	944-I	918-I
Yes	No	N/A	744-R	718-R	944-R	918-R
Yes	Yes	N/A	744-RS	718-RS	944-RS	918-RS
No	Yes	N/A	744-S	718-S	944-S	918-S

Pre-Wired Models with SOW cord and NEMA 5-15 Plug							
							
	No	No	25'	7425	7825	9425	9825
	No	No	25'	7425-I	7825-I	9425-I	9825-I
	Yes	No	25'	7425-R	7825-R	9425-R	9825-R
	No	No	50'	7450	7850	9450	9850
	No	No	50'	7450-I	7850-I	9450-I	9850-I
	Yes	No	50'	7450-R	7850-R	9450-R	9850-R
	No	Yes	25'	7425-S	7825-S	9425-S	9825-S
	Yes	Yes	25'	7425-RS	7825-RS	9425-RS	9825-RS
	No	Yes	50'	7450-S	7850-S	9450-S	9850-S
Yes	Yes	50'	7450-RS	7850-RS	9450-RS	9850-RS	

Specifications:	7 Series	9 Series
Electrical Ratings	120V, 60Hz	120V, 60Hz
Cord Size/# Conductors	#16/3	#14/3
Cord Type	SOW	SOW
Plug	NEMA 5-15	NEMA 5-15

Notes:

1. Consult factory for custom assemblies
2. Bulbs are not furnished with handlamps
3. **Vinyl insulated guards available:** Add "I" to catalog number to specify (not on R models).
4. Switch available: Add "S" to catalog Number to specify. Example 7425-R becomes 7425-RS

All Weather Switch Models Available



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED. FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY
 Note: Products shown on this page may not be listed.

Lamp Guards for 7 and 9 Series Handlamps

Closed End Wire Guards		For PS25 Bulb		For PS25 Bulb		For PS25 Bulb	
No Reflector							
	104		104-I	118		118-I	
With Reflector		104-R			118-R		

Open End Wire Guards		For PS25 Bulb		For PS25 Bulb		For PAR 38 Bulb	
No Reflector							
	107	107-I		119		150	150-I
With Reflector			107-R		119-R		

Note - These open end guards are no longer certified or listed, per UL 153 Standard. Adding these guards to a handlamp constitutes a product that can't be UL listed.

Replacement parts

7 Series Handles		9 Series Handles		Socket, Ground Clip & Switch for use with 7 and 9 Series Handles		
No Switch	With Switch	No Switch with Receptacle	With Switch with Receptacle	Socket with 6" leads	Ground Clip with lead	Switch with weather boot
Handle Only						
7	7-S	9	9-S	44-W	710	79
Handle Assembly (with socket & ground clip)						
7-A	7-SA	9-A	9-SA			



7 Style Handle

- Molded plug end
- With ground tab for wire guards
- Socket wired
- Just add guard



9 Style Handle

- Receptacle in handle
- Molded cord plug
- With ground tab for wire guard
- Socket wired
- Just add guard

7 Style Handle Pre-Wired	Cat. #	9 Style Handle Pre-Wired	Cat. #
Handle With 25 Ft #16/3 SOOW Cord & 5-15 Plug - No Switch	7-A25	Handle With 25 Ft #16/3 SOOW Cord & 5-15 Plug - No Switch	9-A25
Handle With 50 Ft #16/3 SOOW Cord & 5-15 Plug - No Switch	7-A50	Handle With 50 Ft #16/3 SOOW Cord & 5-15 Plug - No Switch	9-A50
Handle With 25 Ft #16/3 SOOW Cord & 5-15 Plug - With Switch	7-SA25	Handle With 25 Ft #16/3 SOOW Cord & 5-15 Plug - With Switch	9-SA25
Handle With 50 Ft #16/3 SOOW Cord & 5-15 Plug - With Switch	7-SA50	Handle With 50 Ft #16/3 SOOW Cord & 5-15 Plug - With Switch	9-SA50

Rubberized Handlamp Without Transformer

12 Volt AC

Low voltage hand lamps	Model
with 50' cord (5-15 plug)	1946-12
with 50' cord (CF plug)	1946-12CF
Primary Voltage	12-14 VAC
Maximum Wattage	100 watts
Cord Type	#14/3 SOW

Consult factory for custom assemblies

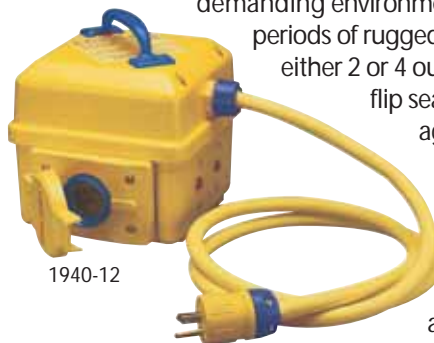
12VAC Model (744 Style) 1946-12



Requires 12-14 VAC source



1941-12



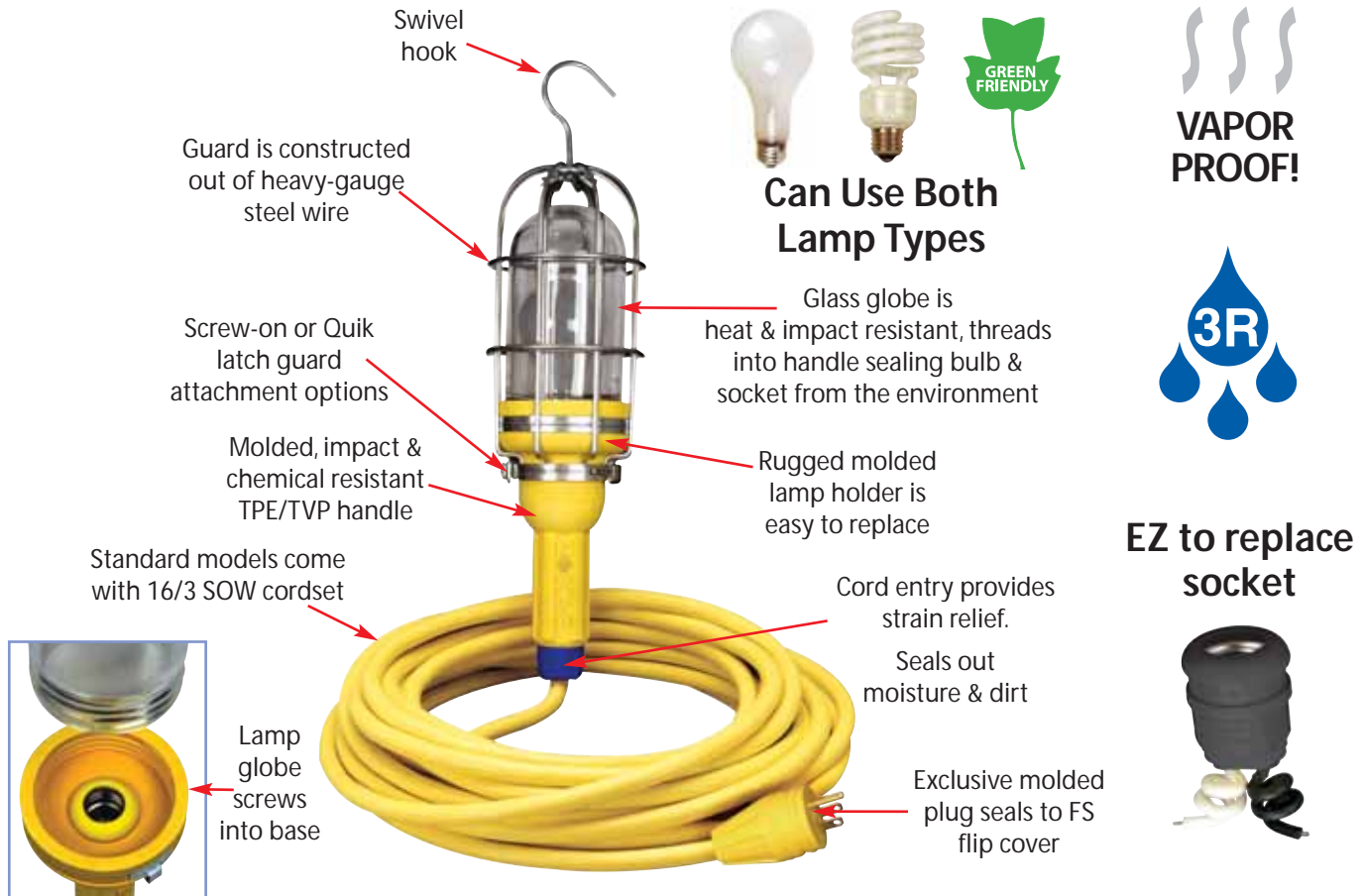
1940-12

Low Voltage Transformers

Ericson's Heavy duty isolation-type low voltage transformers feature low voltage safety and extreme weather resistance. Designed for demanding environments, these transformers withstand long periods of rugged use. Available in 12 Volt models with either 2 or 4 outlets. Each outlet is covered by Ericson's flip seal cover to provide added protection against the most extreme environments such as: boiler inspection, work inside drums, tanks and vessels. In damp, confined locations it is imperative that line voltage be reduced to eliminate the hazards of shorts and shock and to meet the requirements of

OSHA/NEC/CEC.

See the complete details of these transformers on page 93



SPECIFICATIONS

Vapor-Gard® Handlamps: 70N Series

- Molded handle impervious to impact and resistant to jobsite chemicals
- Glass globe is heat and impact resistant and threads into handle sealing bulb and socket
- Guard is constructed out of heavy-gauge steel wire and finished with a Zinc-Chromate plating to resist corrosion
- Optional Quik-Latch guard makes bulb changes easy – No tools required
- Cord entry provides strain relief and seals out moisture and dirt
- Wide selection of pre-wired handlamps and component parts
- Ericson's exclusive Safety Yellow and Blue color combination for easy identification
- Prewired models come with #16/3 SOW cord and Ericson's molded sealing plug

- Material**
- Proprietary Rubber
 - Lampholder/Cord Entry Seal: TPE
 - Screwshell: Tin-plated brass
 - Lamp Guard Plating: Zinc-chromate
- Electrical**
- Operating voltage: 120V or 12V
- Mechanical**
- Can use cord types: up to 12/3 SOW

12VAC Model



See chart for other 12V models

1948-12
75W
(12V bulb included)

Vapor-Gard® Hand Lamps Are Grounded Not Available With Switch

Meet OSHA Requirements:
1926.403(g) 1926.405(j)(iii)

Meet National Electrical Code Requirements.
410-42(a) (b) 410-44
410.82 410.62

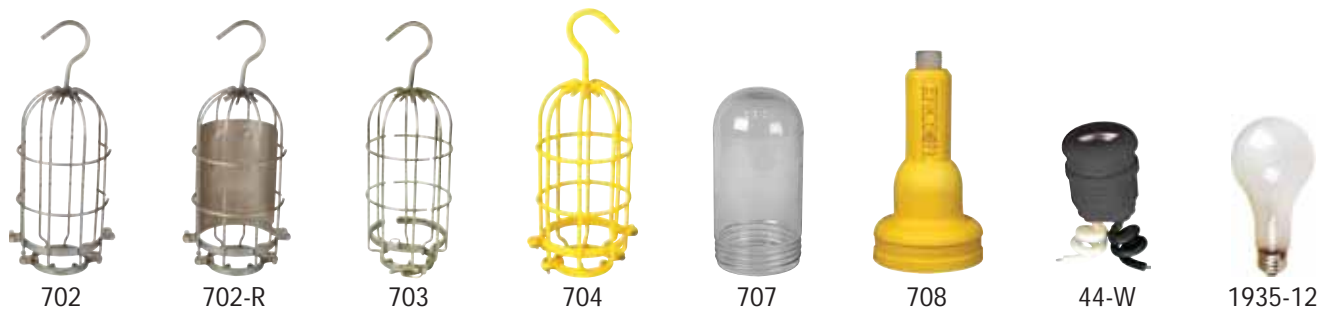
70NG Series Handlamps

Catalog Number	Cord Length	Cord Type *	Plug	Guard Type	Reflector	Vinyl Coated	Voltage**
70-NG	u-add	u-add	u-add	702	No	No	12 - 240V
70-NGR	u-add	u-add	u-add	702-R	Yes	No	12 - 240V
70-NGQL	u-add	u-add	u-add	703	No	No	12 - 240V
70-NI	u-add	u-add	u-add	704	No	Yes	12 - 240V
70-NI25	25	#16/3 SOW	Molded-on 5-15P	704	No	Yes	125V
70-NI50	50	#16/3 SOW	Molded-on 5-15P	704	No	Yes	125V
70-NG25	25	#16/3 SOW	Molded-on 5-15P	702	No	No	125V
70-NG50	50	#16/3 SOW	Molded-on 5-15P	702	No	No	125V
70-NG100	100	#16/3 SOW	Molded-on 5-15P	702	No	No	125V
70-NGR25	25	#16/3 SOW	Molded-on 5-15P	702-R	Yes	No	125V
70-NGR50	50	#16/3 SOW	Molded-on 5-15P	702-R	Yes	No	125V
70-NGR100	100	#16/3 SOW	Molded-on 5-15P	702-R	Yes	No	125V
70-NGQL25	25	#16/3 SOW	Molded-on 5-15P	703	No	No	125V
70-NGQL50	50	#16/3 SOW	Molded-on 5-15P	703	No	No	125V
70-NGQL100	100	#16/3 SOW	Molded-on 5-15P	703	No	No	125V
1948-12	50	#14/3 SOW	Molded-on 5-15P	703	No	No	12 Volt***
1948-12CF	50	#14/3 SOW	1507-P Crowsfoot	703	No	No	12 Volt***
1948-12CFR	50	#14/3 SOW	1507-P Crowsfoot	702-R	Yes	No	12 Volt***

* Ericson uses Extra Hard Use 600V cord to ensure long lasting performance and sized to the electrical load ampacity

** Voltage is determined by the bulb used. - Bulbs not included with "70" series handlamps

*** 12 Volt Incandescent Bulb included - "1948" models only



Replacement Parts

Description	Catalog Number
Screw-release guard, no reflector	702
Screw-release guard with reflector	702-R
Quik-Latch guard	703
Screw-release guard, vinyl coating	704
Glass globe	707
Handle only, no socket, no cord nut/grommets	708
Socket with pigtail	44-W
Repair Kit with socket tool	712
12V 75W incandescent bulb	1935-12



712 repair kit.

Industrial Fluorescent Handlamps

Ericson's Portable Fluorescent Hand Lamps are ruggedly constructed for service in industrial applications, construction, shipbuilding, public utilities, paper mills, food processing, chemical plants and other areas where a rugged cool, non-glare lamp is needed.

Features

- **OSHA Compliant** - Meets OSHA regulations for wet and other conductive locations.
- **Cool, Glare - Free Light** - Ideal for those applications where hot, glaring light can be a hazard.
- **Switch (optional)** - Heavy duty rubber boot, push on/off operation, seals out water.
- **Field Serviceable** - Field repairs are quick and convenient with a wide-range of replacement parts.
- **Rubberized Handle** - is non-conductive, non-corrosive and easy to grip.
- **Flex Strain Relief** - Provides added protection for cord at critical bending points.
- **High -Visibility dual-color safety system** for easy identification on the jobsite
- **Lightweight** - Non-conductive construction with high-impact lens.
- **Ballast** - Enclosed in handle, so it's easy to move around the jobsite.
- **Plug** - Molded on sealing plug mates with water tight.

**Super Strong
"Stand on Me"
Tough**



Magnet with Adjustable Velcro strap holds lamp securely for a hands free light source.



7MH001
Order separately

Low Voltage Model Available
See Page 89

Ballast Protected In Handle

26 Watt

13 Watt

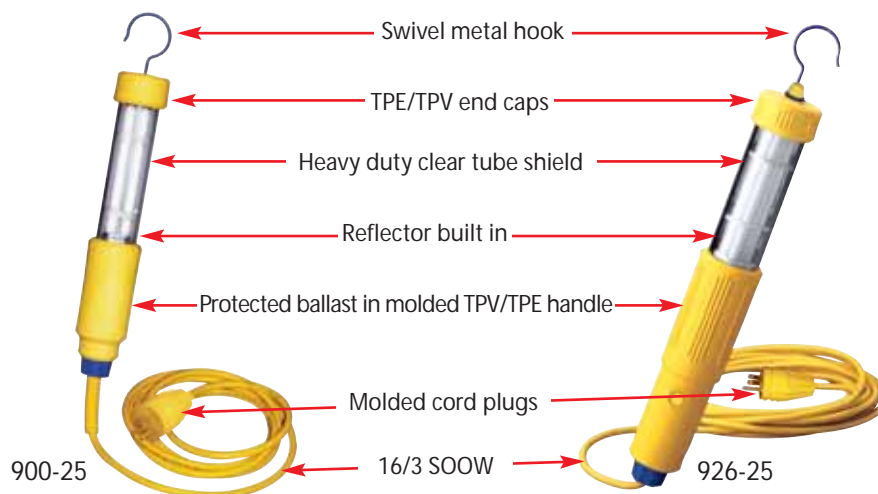
NO INLINE BALLAST TO DAMAGE



926-25



900-25



900 Series-Fluorescent Work Lights

	13 Watts	26 Watts
with 25 ft. cord - no switch	900-25	
with 50 ft. cord - no switch	900-50	
with 25 ft. cord and switch	900-25S	926-25
with 50 ft. cord and switch	900-50S	926-50
Without Cord	900-LO	926-LO

Specifications

	13 Watts	26 Watts
Electrical Ratings	120V, 60Hz	120V, 60Hz
Primary Cord Length	see above	see above
Ballast Location	Handle	Handle
Cable Gauge/Type (Base Units Only)	#16/3 S00W	#16/3 S00W
Molded on Plug	NEMA 5-15	NEMA 5-15
Bulb Type	F13DBX23T4/SPX41	F26DBX/SPX41
Initial Lumens	825	1710
Color Rendition Index (CRI) ⁽²⁾	82	82
Color Temperature (K) ⁽³⁾	4100	4100
Avg. Rated Bulb Life (Hours)	10000	10000
Low Temp Start	32 °F (0 °C)	10 °F (-12 °C)
Fixture Weight (w/ 25ft cable)	2.5 lb	1.87 lb

Replacement Parts

	900 Style	926 Style
End cap with hook, replacement	901	926-EC
Tubeshield, replacement	902	926-TS
Lamp T5 13W OR 26W, replacement	903	926-CF
Cushion, lamp, kit (Model lamp specific)	904	926-RS
Handle w/ ballast & socket - 25' cord set	905	926-BAL25
Handle w/ ballast & socket - 50' cord set	906	926-BAL50
Cordset replacement, both models 120V 25'	926-CRD120V25	926-CRD120V25
Cordset replacement, both models 120V 50'	926-CRD120V50	926-CRD120V50

Notes:

1. Consult factory for custom assemblies
2. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the more true the color appears (ie grey vs green)
3. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light
4. LO models are not UL listed

926 Series Low-Voltage Fluorescent Handlamps

The next generation of OSHA Compliant temporary lighting is now available. Low Voltage Fluorescent Fixtures are an ideal alternative to the hot, glaring light produced by incandescent fixtures.

OSHA 1926.405(a)(2)(ii)(G): "Portable electric lighting used in wet and/or other conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less.

- **OSHA Compliant** - Meets OSHA regulations for confined space requirements.
- **Outdoor Use** - Fixture is rated for demanding outdoor & in-plant environments.
- **Cool, Glare-Free Light** - Ideal for those applications where hot, glaring light can be a hazard.
- **Switch (optional)** - Heavy duty rubber boot, push on/off operation, seals out water.
- **Field Serviceable** - Field repairs are quick and convenient with a wide-range of replacement parts.
- **Rubberized Handle** - is non-conductive, non-corrosive and easy to grip.
- **Flex Strain Relief** - provides added protection for cord at critical bending points.
- **High-visibility** dual-color safety system for easy identification on the jobsite
- **Lightweight** - non-conductive construction with high-impact lens.
- **Ballast** - Enclosed in handle, so it's easy to move around the jobsite.



Requires low voltage transformer

26 Watt Low-Voltage Fluorescent Handlamps	
w/ 25 ft. cord	926-25LV ⁽³⁾
w/ 50 ft. cord	926-50LV ⁽³⁾
Specifications	
Electrical Ratings	12VAC/26 Watt
Ballast Location	In Handle
Switch Location	In Handle
Cable Gauge/Type	#16/3 SOOW
Plug (Crowsfoot ☺)	1507-PW6P
Bulb Type	F26DBX/SPX41
Initial Lumens	1710
Color Rendition Index (CRI) (1)	82
Color Temperature (K) (2)	4100
Avg. Rated Bulb Life	10,000 hours
Low Temp Start	10F (-12C)
Fixture Weight:	1.87 lbs



926-25 LV

Factory-wired with water tight crowsfoot plug to mate with CF series transformers.



Notes:

1. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the more true the color appears (ie grey vs. green)
2. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light
3. For use with 12VAC power source; Ericson CF Series transformers
4. Also available in a DC version. Consult factory for custom assemblies



1940-12CF

120V to 12V Transformer Can Operate 2 Lamps

13W Fluorescent Handlamp with Battery Pack

These portable work lights are designed to meet the need for safe, temporary, economical task lighting when electricity isn't available. They are versatile, light-weight and can be used for a wide variety of lighting applications.

- Watertight construction with push button switch
- Heavy duty - hard use 13 watt PL - 13 twin tube Fluorescent hand lamp
- Heavy duty hard use cord 24" retracted length 1:5 ratio (10 ft. ext.)
- Strong wide belt with heavy duty use bag - fits up to 50" waist - easily fits over your jacket
- Bag material, 600 denier polyester with PVC backing
- Water resistant
- Long use battery gives up to 6 hours with full charge
- Lightweight - only 5.5 lbs
- 120VAC 60 HZ wall plug-in charger 12VDC out 1.2A



13W Fluorescent Handlamp with 913BP Battery Pack

Item Number	913-BP
Specifications	
Electrical Ratings	12VDC Battery Operated
Primary Cord Length	2 ft. Coiled (10 ft max)
Ballast Location	Handle
NEMA TYPE Rating	4X
Cable Gauge/Type (Base Units Only)	#18/2
Plug	n/a
Bulb Type	F13DBX23T4/SPX41
Initial Lumens	810
Color Rendition Index (CRI) ⁽¹⁾	82
Color Temperature (K) ⁽²⁾	4100
Avg. Rated Bulb Life (Hours)	10000
Low Temp Start	32° F (0° C)
Fixture Weight	1.5 lb handlamp 5.5 lb battery pack
Battery Life	6 hours with full charge
Battery Type	Leak proof sealed lead acid 12 VDC 7.2 AH
Battery Pack Belt	Wide comfortable - up to 50" waist

Notes:

1. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the truer the color appears
2. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light

Industrial Low Voltage Handlamps, Spot Lights/Floodlights

Ericson's Industrial Low voltage Spot and Flood handlamp has many features for specific applications that require the highest quality rugged lighting.

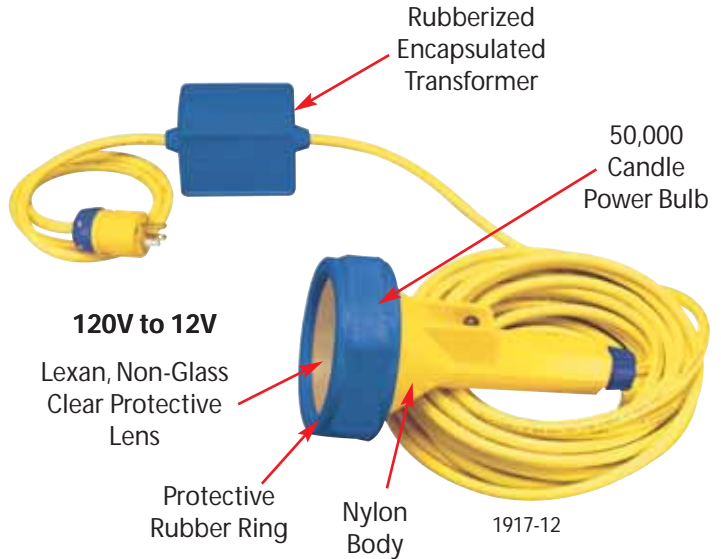
- All non-metallic construction
- Non-glass lens for food & beverage processing work
- Can be mounted to an electric cord reel (call for details)
- Large rubberized cushion will not mar or scratch surfaces
- Drop and abuse resistant design and construction
- Switch has all weather boot covering for water tight operation
- Rubberized sealed inline transformer assembly converts 120 to 12 VAC
- High output 50,000 candle power lamp draws only 30 watts

GREAT FOR:

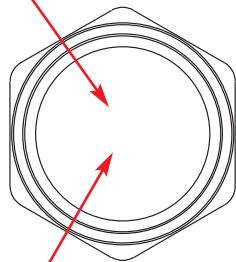
- Food processing
- Beverage tanks
- Beer, wine, spirit distilling

	12 Volt, 30 Watts	
	w/out switch	w/ switch
Spotlights	1917-12	1917-12S
Floodlights	1918-12	1918-12S
Specifications:		
Primary Voltage	120VAC, 60Hz	120VAC, 60Hz
Secondary Voltage	12VAC	12VAC
Maximum Wattage	30 watts	30 watts
Primary cord gauge & type	#16/3 SOW	#16/3 SOW
Primary cord length	4 ft.	4 ft.
Secondary cord gauge & type	#16/2 SOW	#16/2 SOW
Secondary cord length	50 ft.	50 ft.
Plug	NEMA 5-15	NEMA 5-15

Consult factory for custom assemblies

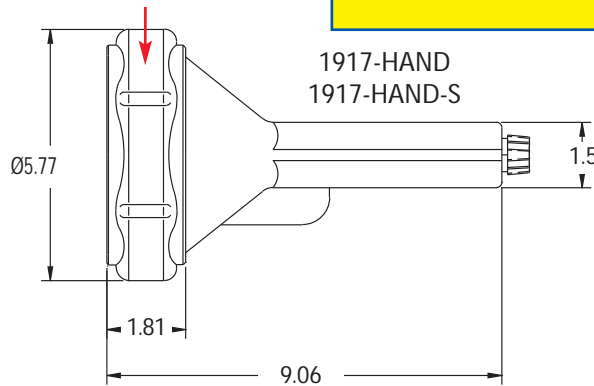


1917-LENS



1917-BULB

1917-BUMP



WET LOCATION RATED

Replacement Parts

Catalog Number	Description
1917-LENS	Lens - Lexan, non-glass
1917-CORD	Complete cord & transformer assembly (both 1917 & 1918)
1917-HAND	Handle assembly without cord assembly
1917-HAND-S	Handle assembly with switch without cord assembly
1917-BULB	50K candle power spot 30W 12V
1917-BUMP	Bumper protective ring


Extension Lights for Secondary Side of Transformers

Tough non-metallic design and non-glass lens makes this 12V Extension Light an excellent choice for all food and beverage processing facilities that require low voaltage confined space tank entry and inspection. 2 Models are available with standard NEMA 5-15 and Ericson's Exclusive "Crowsfoot" plug for low voltage operations. The lights connect to our 1940 & 1941 Series Low Volatge Transformers for easy plug-n-play operation. Built tough to last job after job.



1950-12



	1950-12	1950-12 CF ²
Specifications:		
Input (primary) voltage	12 VAC	12 VAC
Cord gauge/type	#16/3 SO	#16/3 SO
Cord length	50 ft.	50 ft.
Plug	NEMA 5-15	Crowsfoot 
Included lamp	12 V/30 watt	12 V/30 watt

NOTES: 1. Contact factory for custom assemblies
2. Factory wired with water tight crowsfoot plug to mate with CF series transformers

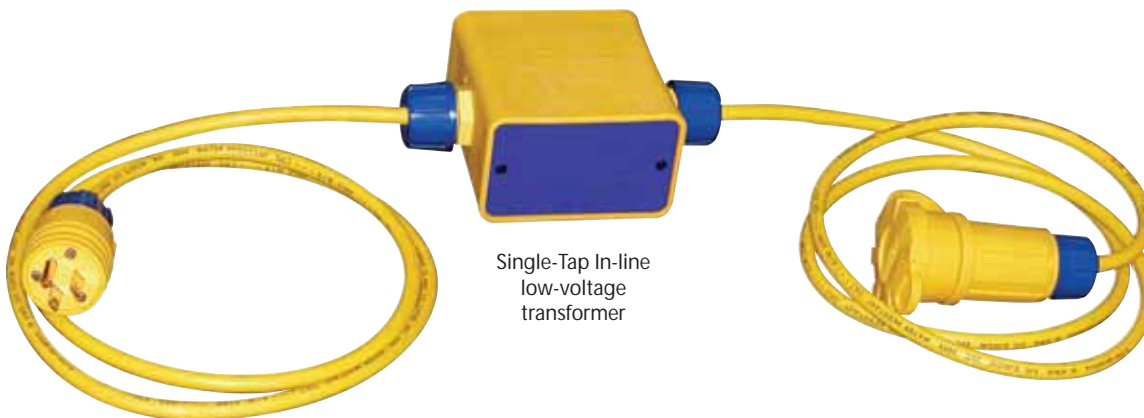
Single-Tap In-line Low-Voltage Transformer

- Ideal for when you need only one outlet
- Converts 120VAC/60Hz to 12VAC (30VA max)
- Compact size is easy to use, store and transport
- Complies with OSHA requirement 1926.405(a)(2)(ii)(G)
- For use with 1950 or 926LV series handlamps



1940-12

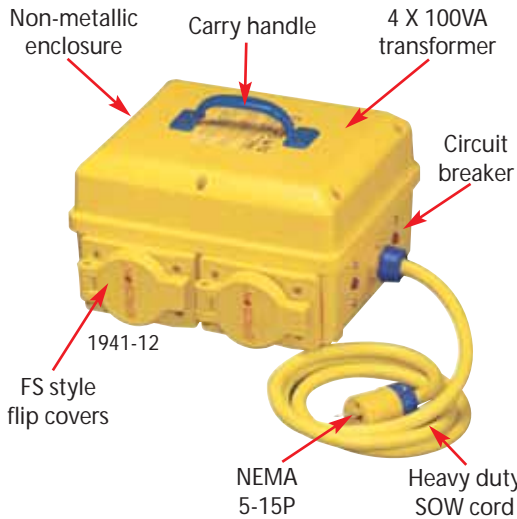
See next page for larger 12V transformers



Single-Tap In-line low-voltage transformer

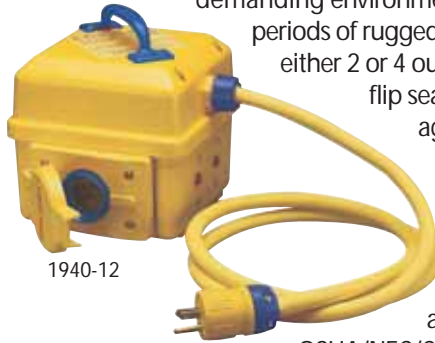


Catalog Number	Description
LVT-12-ST	Low voltage transformer, 12Volt, 5-15 plug & single tap
LVT-12-STCF	Low voltage transformer, 12Volt, 5-15 plug & single tap non-NEMA crowfoot connector



Low Voltage Transformers

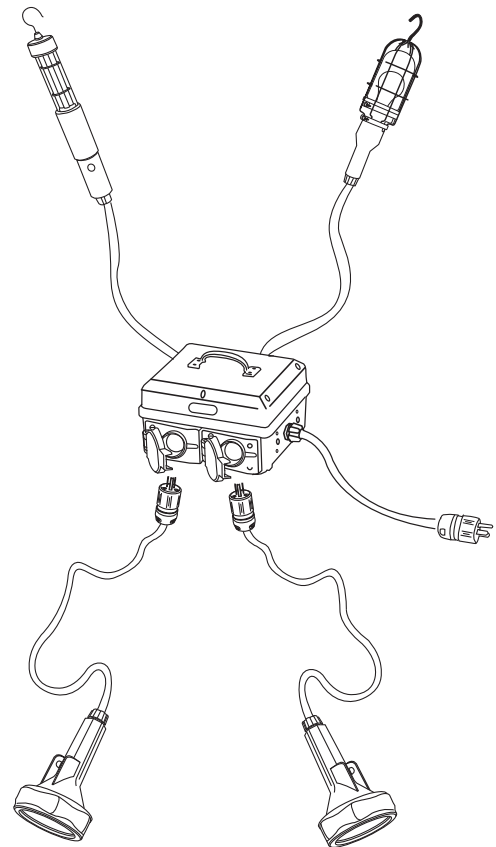
Ericson's Heavy duty isolation-type low voltage transformers feature low voltage safety and extreme weather resistance. Designed for demanding environments, these transformers withstand long periods of rugged use. Available in 12 Volt models with either 2 or 4 outlets. Each outlet is covered by Ericson's flip seal cover to provide added protection against the most extreme environments such as: boiler inspection, work inside drums, tanks and vessels. In damp, confined locations it is imperative that line voltage be reduced to eliminate the hazards of shorts and shock and to meet the requirements of OSHA/NEC/CEC.



- Transformers convert 120VAC/60Hz line voltage to 12VAC
- Corrosion resistant enclosures are made from nonconductive engineering resin so they are resistant to impacts, and jobsite chemicals such as acids, alkalines, oils and salts
- NEMA 5-15 outlets are rated at 100va each (CF models use crows foot style)
- Outlets operate independently of each other - 4 x 100va outputs
- Circuit breakers wired individually to each receptacle and operate independently of each other – if one circuit opens the other continues to operate

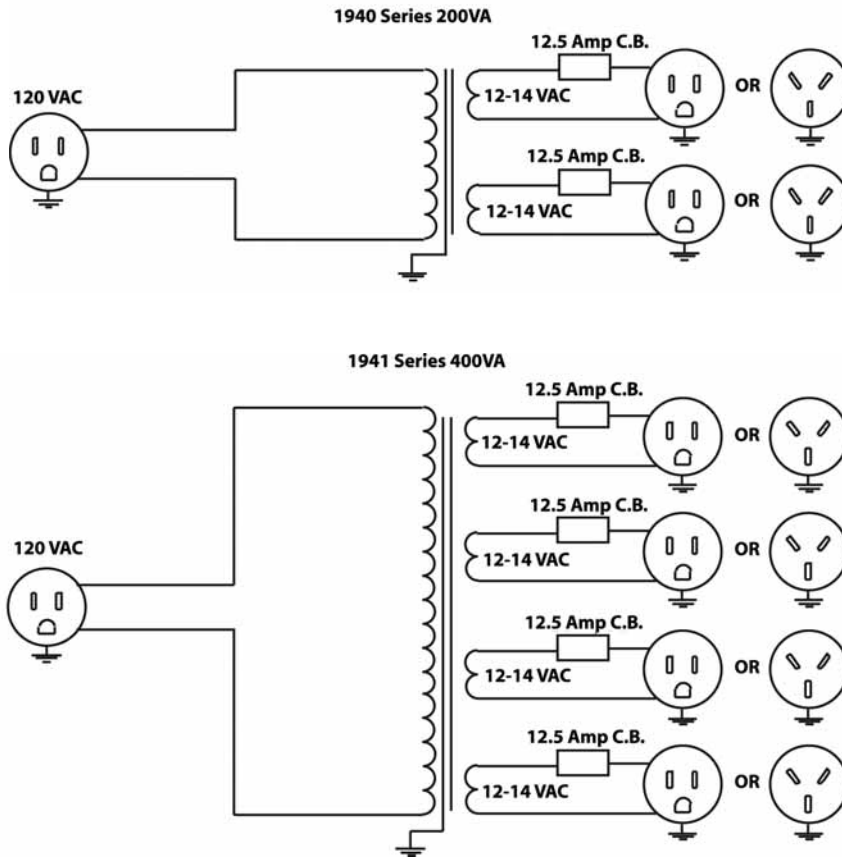
	12 Volt Transformers	
With NEMA 5-15 Outlets	1940-12	1941-12
With Non-NEMA Crowsfoot Outlet	1940-12CF	1941-12CF
Specifications:	200 VA	400 VA
Number of Outlets (lamps)	2	4
Outlet Configuration (1)	NEMA 5-15 Ⓢ	Crowsfoot Ⓢ
Input (primary) voltage	120V/60Hz	120V/60Hz
Output (secondary) voltage	12V, 200VA (2 x 100VA)	12V, 400VA (4 x 100VA)
Outlet Rating (each)	10Amp/100VA	10Amp/100VA
Cord gauge/type	14/3 SO	14/3 SO
Cord length	6 ft.	6 ft.
Plug (1)	NEMA 5-15	NEMA 5-15
Enclosure Environmental Rating	TYPE 4	TYPE 4
Dimensions (in) (LxWxH)	7 x 7 x 6-1/2	11 x 9 x 6-1/2
Weight (lbs)	13.5	22.5

 CF Series transformers feature non-NEMA crowsfoot receptacles.



Many Low Voltage Lamps To Choose From...

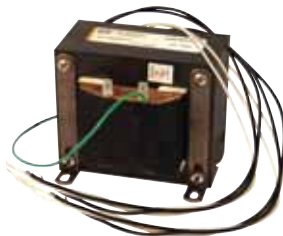




Note: Replacement parts must be installed by a qualified electrician. Replacement parts are for OEM repair and not for use in any other device or manner. User assumes all responsibility for any use other than repair of original Ericson equipment. Misuse may lead to damage of other equipment.



1943-12



1945-12



194XCB



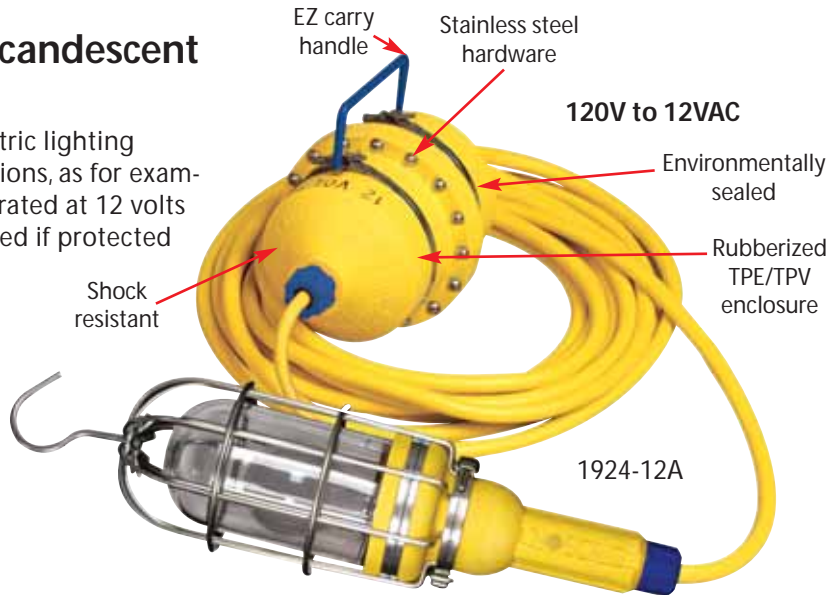
2715-FS10

Replacement Parts

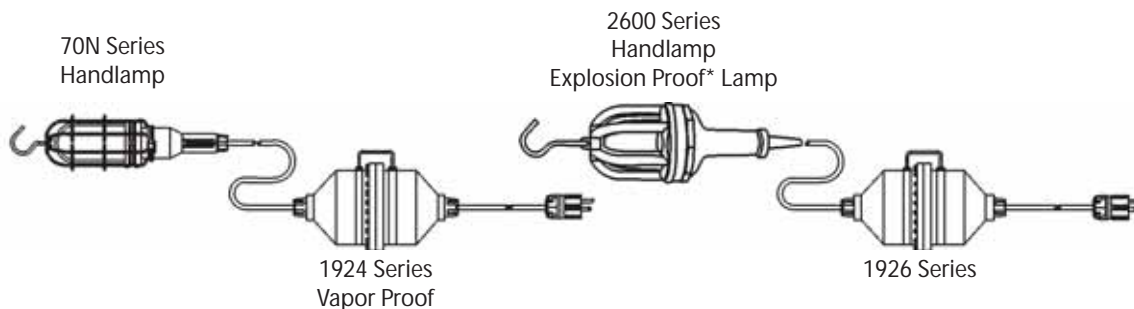
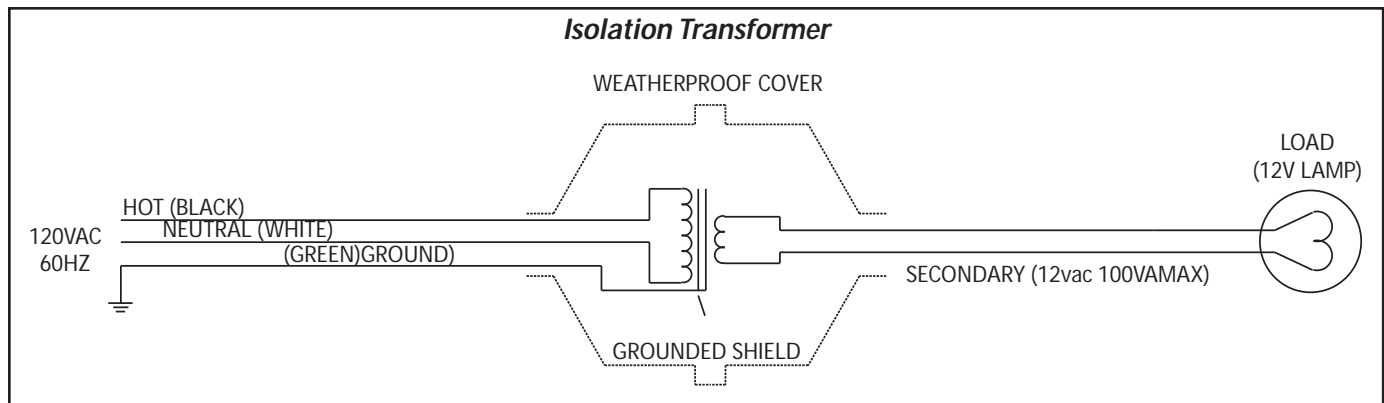
Description	Cat. No.
12 volt transformer only for 1940-12	1943-12
12 volt transformer only for 1941-12	1945-12
Flip assembly with receptacle (5-15R)	2715-FS10
Flip assembly with receptacle (crowsfoot)	2715-FS07
Circuit breaker (12.5 amp)	194XCB

Low-Voltage Handlamps: Incandescent Series (In-line Transformer)

OSHA 1926.405(a)(2)(ii)(G): "Portable electric lighting used in wet and/or other conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less. However, 120-volt lights may be used if protected by a ground-fault circuit interrupter.





- Ericson's handlamps meet OSHA regulations and create a safer working environment
- Step-down transformers reduce 120VAC line voltage to 12VAC
- Extra-thick walled rubber housing with non-corrosive stainless steel hardware protects transformer from jobsite contaminants
- Transformers incorporate a grounded metal shield between primary and secondary windings to ensure the two voltages are isolated providing an added degree of protection
- Each transformer is subjected to a factory dielectric test of 1600 volts between primary and secondary windings and between each winding and ground to ensure safety
- High-visibility dual-color safety system for easy identification on the jobsite
- 1924 Series is vapor proof only
- 1926 Series (handlamp) is Class 1 & 2, Div 1 & 2



NOTES: *1926 lamp assembly only is certified Class 1 & 2, Div 1 & 2. Transformer is not hazardous location rated. Consult factory for custom assemblies

Low Voltage Lighting: Incandescent Series

120 Volt AC To 12 Volt AC		
Low voltage hand lamps	Vapor Proof	Explosion Proof*
with 25' secondary cord	1924-12A	1926-12A
with 50' secondary cord	1924-12B	1926-12B
Specifications:		
Primary Voltage	120V, 60Hz	120V, 60Hz
Secondary Voltage	12V	12V
Maximum Wattage	100 watts	75 watts
Primary cord gauge & type	#16/3 SOW	#16/3 SOW
Primary cord length	10 ft.	10 ft.
Secondary cord gauge & type	#14/3 SOW	#14/3 SOW
Plug	NEMA 5-15	NEMA 5-15

NOTES: *1926 lamp assembly only is certified Class 1 & 2, Div 1 & 2. Transformer is not hazardous location rated. Consult factory for custom assemblies



Replacement Parts

Description	Catalog Number
12V transformer only - 100VA	1931-12
Transformer housing only: includes stainless steel bolts & cord grip bushings	1932
Carrying handle with straps	1933
12V, 75 watt incandescent bulb, A-21 for use with 1922, 1924 & 1926 Series	1935-12




**NEED A CUSTOM
SOLUTION?**

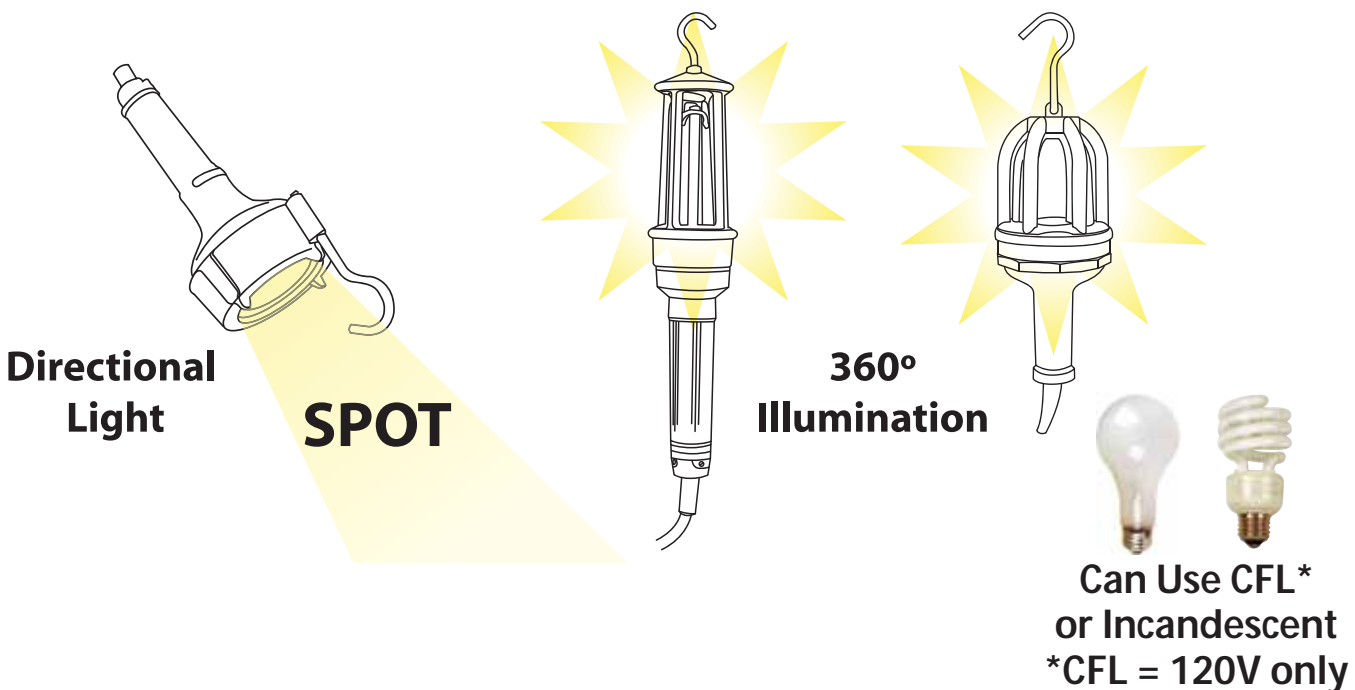
Call Us Today!

**HAVE THE CORD MARKED FOR
YOUR LOCATION**
Call for details



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.
FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY
Note: Products shown on this page may not be listed.

2200 Series	2500 Series	2600 Series
<ul style="list-style-type: none"> • Spot bulb • Lightweight • Hook for light placement • Class 1, Div 1 Group D • 100,000 candle power • 50 watts 	<ul style="list-style-type: none"> • Ballast in handle • 26W QuadT5 CFL bulb • Long thin design for hard to reach areas • Class 1 & 2 <ul style="list-style-type: none"> • Div 1 & 2 • Groups C, D, F, G 	<ul style="list-style-type: none"> • Incandescent or CFL bulb • EZ to replace parts • New cord grip & strain relief • Up to #12/3 SO cord • 12 volt or 120 volt • Class 1 & 2 <ul style="list-style-type: none"> • Div 1 & 2 • Groups C, D, F, G
12 Volt	120 Volt	120 or 12 Volt*
		
2200 Series	2500 Series	2600 Series



Explosion Proof Spot Light

2200 Series

Class I, DIV 1 Group D

- UL Listed and CSA Certified
- Lightweight construction features non-sparking aluminum guard and non-conductive, high-impact glass reinforced handle
- Designed for applications requiring weather resistant or spark resistant construction
- Unique cord restraint seal system includes flex relief and cable cord clamp to provide superior water resistance at cord entry
- Cable cord clamp can be inspected or adjusted without disassembly of handle
- High-impact tempered glass globe threads directly into specially designed handle
- Handle construction provide superior strength and high insulation properties
- Resistant to heat up to 300° F and withstands chemicals, acids and chipping
- Heavy-duty aluminum guard features 360° swivel hook

12 Volt



50 WATTS
100,000 CANDLE
POWER
T3C RATED

Low Voltage Hazardous Duty Handlamps Selection Guide

	2200 Series Spotlight
Handlamp Only	2200
w/ 25 ft. cord, 16/3 SOOW	2225
w/ 50 ft. cord, 16/3 SOOW	2250
Specifications:	
Environments	Class I, Group D
Primary Voltage (3)	12 V
Maximum Wattage	50 watts
Primary cord gauge & type	#16/3 SOOW
Plug (1)	Molded 5-15P
Guard	Cast Aluminum
Globe	Tempered Glass
Handle	Glass reinforced phenolic

Replacement Parts

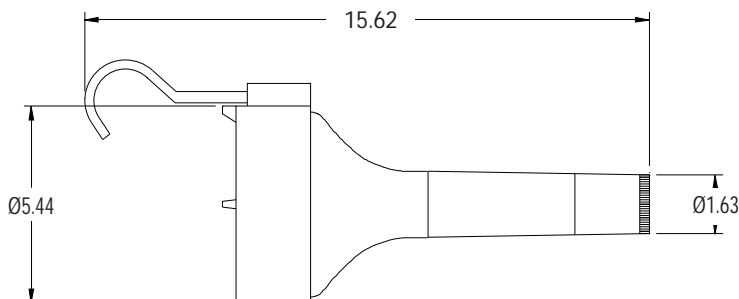
2201	Replacement lens only
2202	Replacement guard assembly (no lens)

NOTES:

1. Plug is not explosion proof and is intended to be used outside of the hazardous area.
2. Contact factory for custom assemblies
3. Requires 12-14V AC source

Requires A
12-14VAC
Source

2200 Series



Use one of our
transformers to
power this lamp



1940-12

120V to 12V



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

Hazardous Duty Incandescent and Fluorescent Handlamps

- UL Listed and CSA Certified for Class 1 & 2, Div 1 & 2 locations
- Lightweight construction features non-sparking aluminum guard and non-conductive, high-impact glass reinforced handle
- Designed for applications requiring weather resistant or spark resistant construction
- Unique cord restraint seal system includes flex relief and cord clamp to provide superior water resistance at cord entry
- Cable cord clamp can be inspected or adjusted without disassembly of handle
- Handle construction provide superior strength and high insulation properties
- Resistant to heat up to 300° F and withstands chemicals, acids and chipping
- Heavy-duty aluminum guard features 360° swivel hook

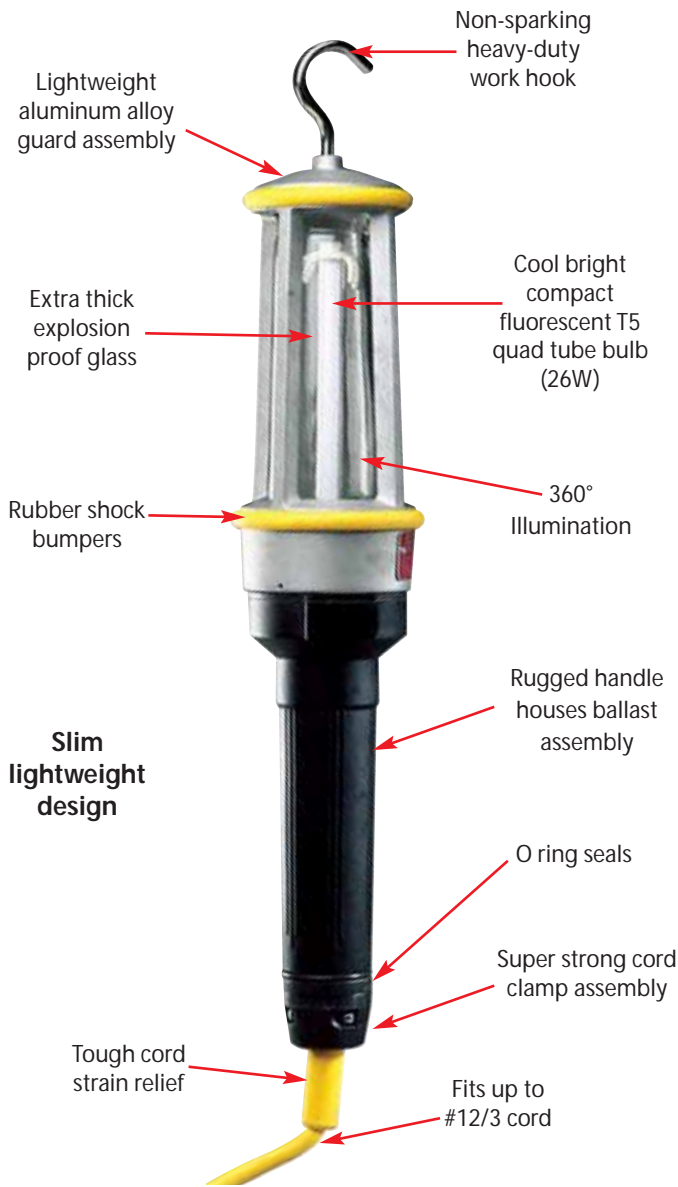


**EXPLOSION
PROOF!**

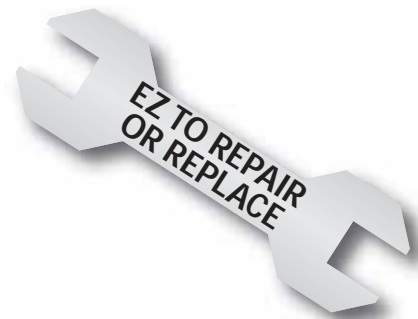
Temp Rating T6

WET LOCATION RATED

**Class 1 & 2
Div1&2
CERTIFIED**



2500 Series Fluorescent



Hazardous Duty Handlamps Selection Guide

	2500 Series
Handlamp Only	2500
Handlamp with 25' cord	2525
Handlamp with 50' cord	2550
Specifications:	
Environments	Class I, Divs 1 & 2, Group C, D Class II, Divs 1 & 2, Group F, G
Electrical	120V/60Hz
Maximum Wattage	26 watts
Cord gauge & type	#16/3 SOW
Plug (1)	NEMA 5-15
Guard	Cast Aluminum
Globe	Tempered Glass
Handle	Glass reinforced phenolic

**Need a
Custom Cord
Length?

Contact Us**

NOTES:

1. Plug is not explosion proof and is intended to be used outside of the hazardous area
2. Contact factory for custom assemblies



2401*



2503



2502



2407



2409

Replacement Parts

	2500 Series
Guard / Globe Assembly (all models)*	2401
Handle Assembly w/ ballast & socket 26 W	2503
Lamp, 26 Watt 4 Pin	2502
Cord Grip Assembly w/ tool (all models)	2409
Inner Plug assembly only (all models)	2407
Guard Bumper Set (all models)	2406

* Note: Due to the extremely tight tolerances and special tools required to seal the globe to the aluminum guard, we cannot offer the glass globe as a single replacement part. Only certified factory rebuild of the guard/globe assembly maintains the hazardous location certification.

ERICS
ERICSON MANUFACTURING COMPANY WWW.ERICSON.COM 1-800-ERICSON
**HAVE THE CORD MARKED FOR
YOUR LOCATION**
 Call for details

Hazardous Duty Incandescent and Fluorescent Handlamps

- ETL Listed & certified
- Lightweight construction features non-sparking aluminum guard and non-conductive, high-impact glass reinforced handle
- Designed for applications requiring weather resistant or spark resistant construction
- Unique cord restraint seal system includes flex relief to provide superior water resistance at cord entry
- Accommodates #14/3 to #12/3 types S, SO, ST or STO cords
- High-impact tempered glass globe threads directly into specially designed guard assembly
- Handle construction provides superior strength and high insulation properties
- Resistant to heat up to 300° F and withstands chemicals, acids and chipping
- Heavy-duty aluminum guard features swivel hook
- Incandescent handlamp accommodates up to 100 watt bulb
- Easy to replace parts
- **Class 1 & 2 Div 1 & 2**
- **Groups C, D, F & G**

**Temp Rating T3C with
100 Watt Incandescent
-20°C to 40°C Ambient**

WET LOCATION RATED



**Best
Seller**

Large non-sparking alloy hook

Strong aluminum guard

Thick glass globe allows 360° illumination

Rubber bumper absorbs jobsite abuse

Lamp can use both types of light bulbs



100 W Max
A-21

Incandescent light bulb
120 or 12V



Self Ballasted Fluorescent light bulb**
120V only

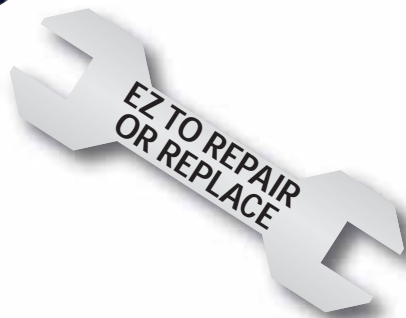
Cut-As-U-Go cord grip strain relief allows cord from #16/3 to #12/3 SO



Strong handle with no slip grip



2600 Series



** Check size of bulb

Hazardous Duty Handlamps Selection Guide

	2600 Series	2600 Low Voltage ²	2600 Fluorescent ³
Handlamp Only	2600	2600-LV	2600-CFL
Handlamp with 25' cord (1) 16/3 SOOW	2625	2625-LV	2625-CFL
Handlamp with 50' cord (1) 16/3 SOOW	2650	2650-LV	2650-CFL
Specifications:			
Electrical	120VAC	12VAC	120VAC
Maximum Wattage	100 W	75W	23 Watt Self Ballast CFL
Cord gauge & types	#16/3 SOOW	#16/3 SOOW	#16/3 SOOW
Plug (1)	5-15	5-15	5-15

NOTES:

1. Plug is not explosion proof and is intended to be used outside of the hazardous area
2. 12V bulb included
3. 23 Watt self-ballasted bulb included
4. Contact factory for custom assemblies
5. Ericson uses extra hard useage cord to ensure long life and sized to the electrical load



Replacement Parts

	2600 Series
	Fluorescent
Guard & globe assembly	2601
Lamp, SB 23W CFL Edison base* (6 pk)	2602
2600 handle only	2603
2600 cord strain relief kit	2604
2600 replacement base & socket assembly	2605
Snap-on reflector	2606
Hook assembly	2607
12 V incandescent bulb 75W	1935-12

*NOTES: Sold in packs of 6 lamps only



Also Available:
Explosion proof stringlights
(see stringlight section)



Introducing Sun Tower™

Light and Power in one easy to use assembly -The SunTower™ Light System produces onsite wide area lighting with large stadium style 1000 Watt MH lamps and power distribution with a 20Amp GFCI Duplex receptacle. With fully adjustable light heads and safety locking pins on the tower, the SunTower™ is the answer to safe onsite lighting and power needs. All weather Nema 3R Rainproof construction and design ensures safe power and lighting in all conditions. Single power cord supplies all outlets and light ballasts. Each light is powered by independent ballasts. Winch operation on the Dual SunTower™ is smooth and easy to operate.

YouTube See The Video http://www.ericson.com/product_videos.html

**2,000
Watts!**

- Heavy Duty Tubular Mast
- Heavy Duty Friction Style Winch
- 3 KW Generator Set (Select Models)
 - Key Start or Pull
 - Gas
- Individual Metal Halide Ballasts
- Heavy Duty Welded Base
- Fully Adjustable Directional Lighting
- 120 VAC 60Hz 2000 W
- Ballasts located in all weather enclosures
- Twin 1000 watt Metal Halide
- All Weather Construction
- Cable storage platform
- Large Rough Terrain Foam Filled Tires
- GFCI 5-20 Receptacle Installed
- Switch controls lights



Over 12' High

Requires
120 VAC
15 Amp

Requires
120 VAC
20 Amp



GFCI receptacle
on rear of
all units

Corded
Model



See the video



Selection Guide

Cat. #	Description	Generator Set	Tower Type
SL1NM	SunTower Light, Single 1000W MH, Manual Lift Tower 2 Wheeled Cart, No Generator	n/a	10' Manual Extension Tower
SL2NW	SunTower Light, Dual 1000W MH, Winch Lift Tower 2 Wheeled Cart, No Generator	n/a	12' Winch Extension Tower
SL2GW	SunTower Light, Dual 1000W MH, Winch Lift Tower 2 Wheeled Cart, w/3KW Generator	3KW	12' Winch Extension Tower
SL-L1000	1000 Watt Replacement Lamp For Suntower	n/a	All Models

47 Series In-Room Lights

Ericson introduces an alternative to mid construction lighting with our 47 Series of single in-room lights for construction sites. If the rigid is in place, wired and you need lighting for other trades, here is a quick easy answer.

- Easy to hang with a 3/4" rigid clamp or attach to existing job box
- Fluorescent units come with an electronic smart ballast
- Smart ballast has long bulb life compensation and cold temp compensation
- Open wire guard protects bulb and meets OSHA requirements
- Edison base unit can use CFL bulb for lower "green" energy conservation



**26 Watt
Fluorescent
Fixture**
47FL

Bulb included



**Single Bulb
Fixture**
4780F



44-W



47F

Bulb included
Fits standard 4" job box



4780

Socket without job box



4744

Up to
150 watt

Bulb not
included



211



04201

**CAN USE BOTH TYPES
OF LIGHT BULBS**



Use standard
incandescent bulbs
for traditional
lighting



Use self-ballasted
CFL bulbs to reduce
power & temperature
lighting

Part #	Description
47FL	Single Drop Light, 26W Fluorescent, Complete Assembly w/ Job Box and Hanger
47F	Single Drop Light, 26W Fluorescent, w/o Job Box
4780F	Single Drop Light, Edison Socket Base, Complete Assembly w/ Job Box and Hanger
4780	Single Drop Light, Edison Socket Base, w/Guard, w/o Job Box
4744	Single Drop Light, Edison Socket Base, w/6" Leads
44W	Single Socket w/6" Leads
211	Bulb Guard, Welded Wire, Zinc Coated, Screw Clamp
04201	Plastic Bulb Guard, Snap On



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1100 and 1200 Series Wide Area Lighting

These portable overhead lights have been engineered to meet the need for safe, temporary, economical lighting for large area. Their versatility provides for base unit and feed-through unit use to meet virtually any wide area lighting requirement. Heavy-duty construction and high lumen output make these lights ideal for a broad range of applications including manufacturing plants, airline maintenance hangers, ship building, food processing plants, utilities, breweries, general maintenance and construction plus many more. The 1100 Series uses high output T8 fluorescent tubes while the 1200 Series uses long-life biaxial tubes for a smaller unit where space is major concern.

- Overhead fluorescent lighting designed for temporary lighting in large areas
- Variety of models available including feed-through units that allows you to “daisy-chain” several lights in a row
- Heavy-duty construction and high lumen output
- Lower operating costs versus incandescent lighting means savings for you
- Industry proven cord grip provides strain relief and seals out water, dust and other jobsite contaminants
- Safety yellow and blue for easy identification
- Rapid start lamps and electronic ballast (1140 is multivoltage)
- Impact resistant tube-shield
- Moisture and dust resistant construction seals out contaminants
- One inch wide nylon straps serve as heavy duty hangers and are flexible and adjustable
- Each hanger comes with nickel-plated heavy hooks for corrosion resistance

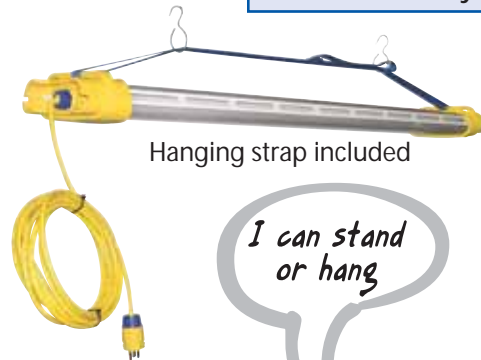
NEW! **MULTIVOLTAGE**
Automatically Operates
at 120 to 277 VAC
50 or 60 Hz
*1142 only

Compact Size!



1239-4F

Feed-thru unit available on both styles



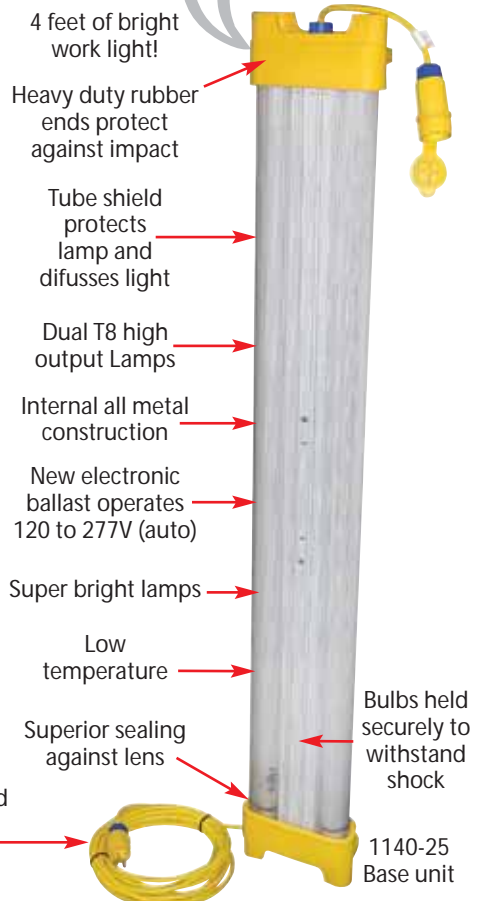
Hanging strap included

I can stand or hang

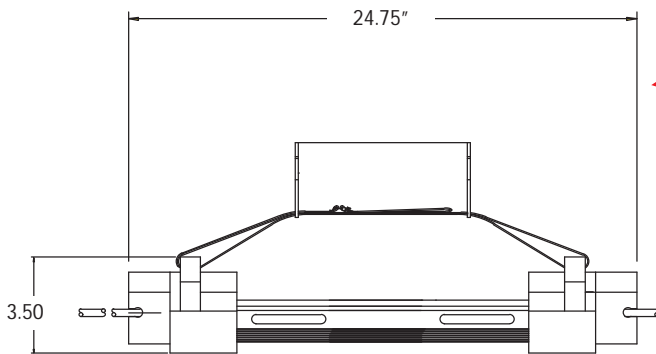
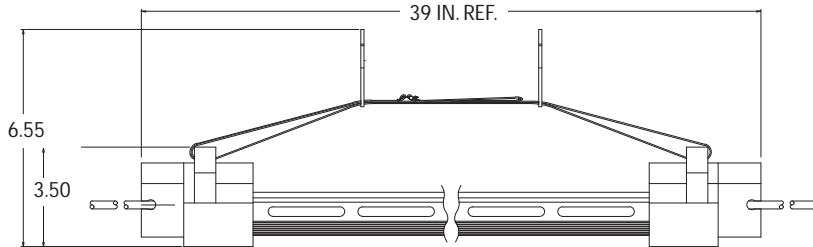
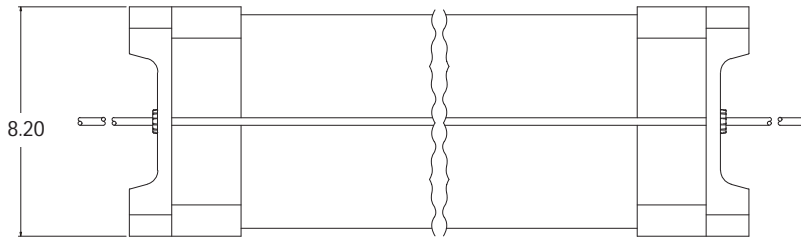
Model Number	Electrical Ratings	Primary Cord Length (ft)	Secondary Cord Length (ft)	Primary Plug (NEMA)	Secondary Connector (NEMA)	Bulb Type	Lumens	CRI	Weight (lbs)
1140 Series									
1140-4	120V* 60Hz	4	n/a	5-15	--	T8 32W	6000	86	14
1140-4F	120V* 60Hz	4	1	5-15	5-15	T8 32W	6000	86	14.5
1140-25	120V* 60Hz	25	n/a	5-15	--	T8 32W	6000	86	18
1140-25F	120V* 60Hz	25	1	5-15	5-15	T8 32W	6000	86	18.5
1140-50	120V* 60Hz	50	n/a	5-15	--	T8 32W	6000	86	20
1140-50F	120V* 60Hz	50	1	5-15	5-15	T8 32W	6000	86	20.5
1142-25	120 to 277V* 50/60 Hz	25	n/a	(1)	(1)	T8 32W	6000	86	18
1142-25F	120 to 277V* 50/60 Hz	25	1	(1)	(1)	T8 32W	6000	86	18.5
Current Draw: .46 @ 120V .2Amp @ 277V									
1239 Series									
1239-4	120V* 60Hz	4	n/a	5-15	--	F39BX	5700	86	8
1239-4F	120V* 60Hz	4	1	5-15	5-15	F39BX	5700	86	8.5
1239-25	120V* 60Hz	25	n/a	5-15	--	F39BX	5700	86	11
1239-25F	120V* 60Hz	25	1	5-15	5-15	F39BX	5700	86	11.5
1239-50	120V* 60Hz	50	n/a	5-15	--	F39BX	5700	86	14
1239-50F	120V* 60Hz	50	1	5-15	5-15	F39BX	5700	86	14.5

* The electronic ballast in the 1140/1142 series automatically adjusts to any voltage level within the range 120 to 277 Volts.

(1) shipped without the plug and connector

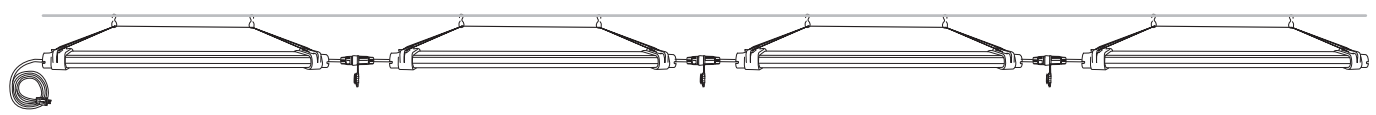
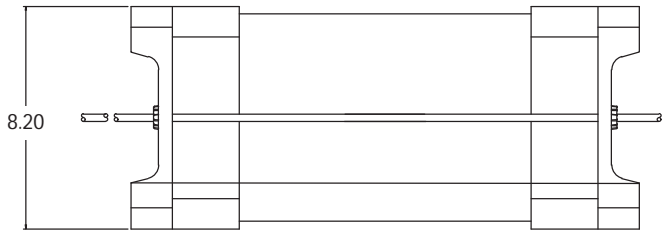
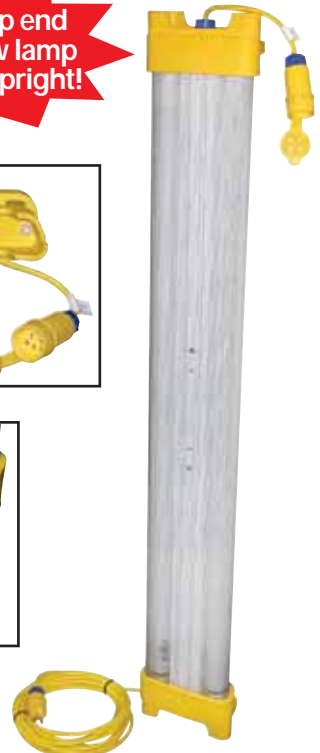


1100 Series



No-Worries Upright Use Will Not Crush Cord!

New lamp end caps allow lamp to stand upright!



Replacement Parts

	1100 Series	1200 Series
Tubeshield	1140-TS	1239-TS
Replacement Fluorescent Tube	1140-FT	1239-FT
End cap <i>with</i> cord grip bushing for 1100 & 1200 Series. Can be used for primary side and secondary side with feed through	1100-P	1100-P
End cap <i>less</i> cord grip bushing for 1100 and 1200 Series. Can be used for secondary side of base units only	1100-S	1100-S



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1000 Series High Pressure Sodium Wide Area Magnet Mount Light

For the ultimate in durability, choose from Ericson's Premier™ line of High Pressure Sodium Lighting Fixtures. Choose from a variety of standard models or specify a custom fixture to meet your exact requirements.

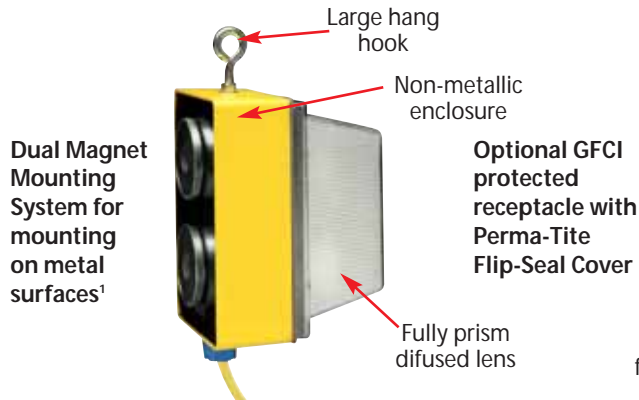
- UL listed and CSA certified
- Impact-resistant molded polycarbonate housing
- Impact-resistant, high temperature clear lens
- Blondel Prisms on inner surface to provide optimum light diffusion
- Available with a 70 watt high-pressure-sodium
- Dual magnets for secure mounting on metal surfaces
- Integral eye-hook for overhead mounting
- #14/3 SOW cord supplied standard
- HPS model available with optional receptacle, GFCI or both
- Supplied with 70W lamp



Lens cover
1000-LRK



Inside view
70 Watt HPS



Dual Magnet Mounting System for mounting on metal surfaces¹

1000 Series HPS Wide Area					
Model	Voltage	Cord Length	Location Rating	With Non-GFCI Side Receptacle	With Side Receptacle with GFCI Class A Open Neutral Protection (3)
1000	120/ 60 Hz	6	Wet	n/a	n/a
1000-25	120/ 60 Hz	25	Wet	n/a	n/a
1000-50	120/ 60 Hz	50	Wet	n/a	n/a
1000-R	120/ 60 Hz	6	Dry	Installed	n/a
1000-R25	120/ 60 Hz	25	Dry	Installed	n/a
1000-R50	120/ 60 Hz	50	Dry	Installed	n/a
1000-RG	120/ 60 Hz	6	Wet	n/a	Installed
1000-RG25	120/ 60 Hz	25	Wet	n/a	Installed
1000-RG50	120/ 60 Hz	50	Wet	n/a	Installed

Specifications:

- Cord: #14/3 SOW or Equiv
- Plug: Nema 5-15P (1510-P)
- Lamp: 70 Watt HPS Clear
- Bulb: B17 shape med base
- CRI: 22
- Lumens: 6400
- K Temp: 1900
- Avg Life Hrs: 24,000

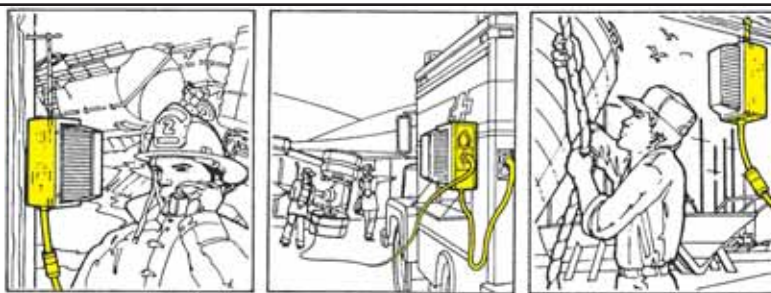


Made in the USA

Replacement Parts	
Lens & gasket	1000-LRK
Magnet	1000-MAG
Ballast & igniter	1000-Bal
Replacement bulb	1010

(1)Use chain or cable if mounted overhead

- Available with or without Receptacle and Ground Fault Circuit Interrupter
- Versatile
- Energy Efficient



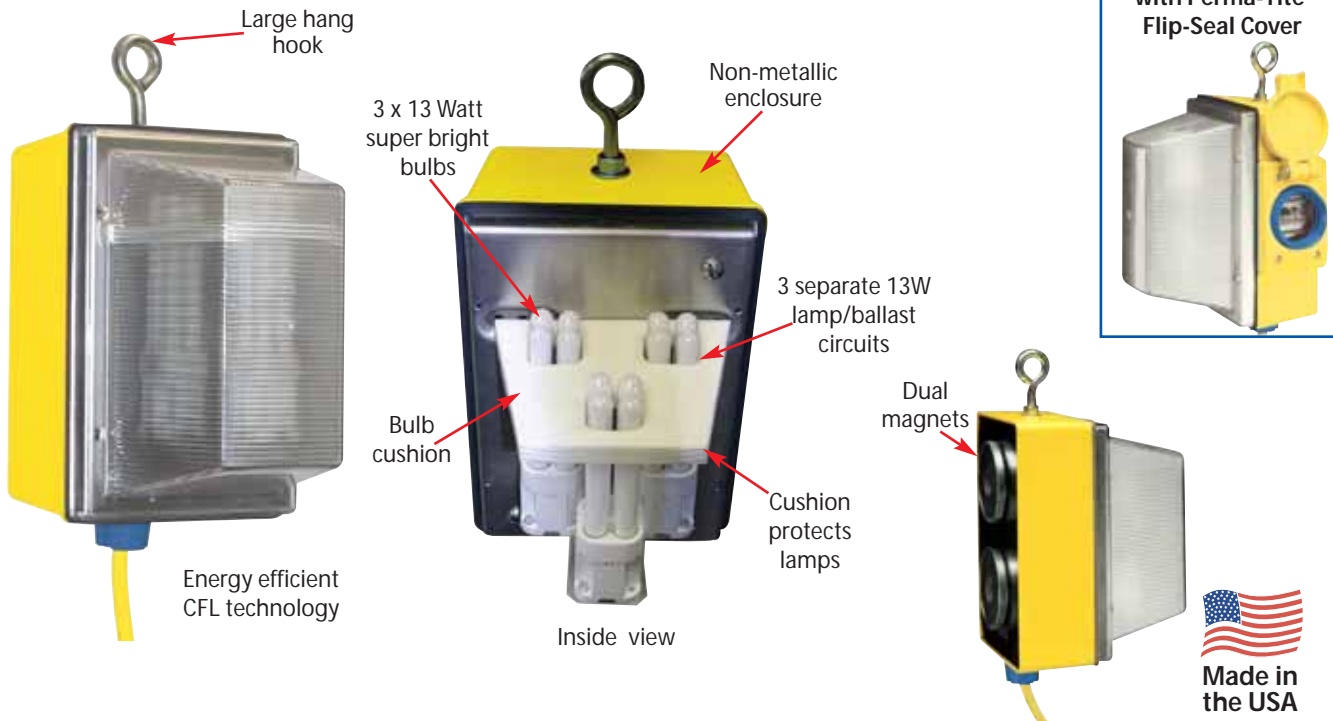
1000 Series Fluorescent Wide Magnet Mount Light

Ericson's field-proven 1000 Series wide area lighting fixtures are now available with energy-saving high-CRI, high-color temperature fluorescent lamps.



Available in 120VAC

- Impact-resistant molded polycarbonate housing
- Impact-resistant, high temperature clear lens with Blondel Prisms on inner surface to provide optimum light diffusion
- Dual magnets for secure mounting on metal surfaces
- Integral eye-hook for overhead mounting
- #14/3 SOW cord supplied standard
- Supplied with (3) 26W T4 Quad fluorescent bulbs
- Light weight design
- 3 separate ballast/bulb light systems in each lamp provides triple redundant light for emergency operations
- Available with a variety of options: ⁽¹⁾
 - Switch
 - Receptacle
 - GFCI



1000F Series Wide Area Light

Model	Voltage	Cord Length	Location Rating	With Non-GFCI Side Receptacle
1000F	120/ 60 Hz	6	Wet	n/a
1000F-25	120/ 60 Hz	25	Wet	n/a
1000F-50	120/ 60 Hz	50	Wet	n/a
1000F-R	120/ 60 Hz	6	Dry	Installed
1000F-R25	120/ 60 Hz	25	Dry	Installed
1000F-R50	120/ 60 Hz	50	Dry	Installed

Specifications:

Cord: #14/3 SOW or Equiv

Plug: Nema 5-15P (1510-P)

Lamp: 3 x 13 watt Quad GX23T4 CFL

CRI: 82

Lumens: 900 x 3 = 2700

K Temp: 5000K

Avg Life Hrs: 10,000

Low Temp Start: 10 Deg F



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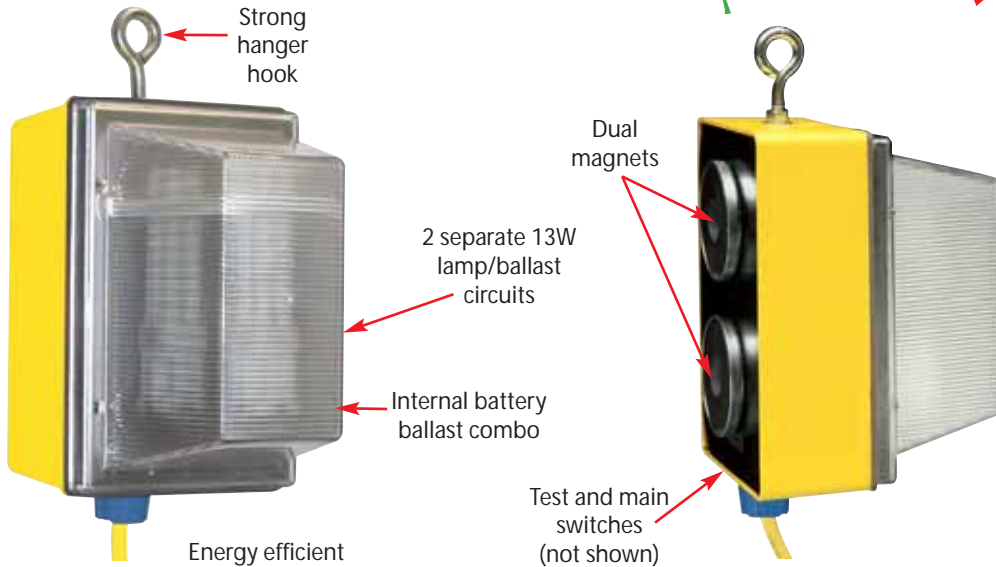
Emergency Battery Backup Egress Lighting

- Automatically stays on in the event of power loss
- Over 90 minutes of egress lighting
- Auto charges batter/ballast assembly
- Test and master on/off switches
- 2 separate 13W lamp/ballast assemblies*
*During normal 120V operation

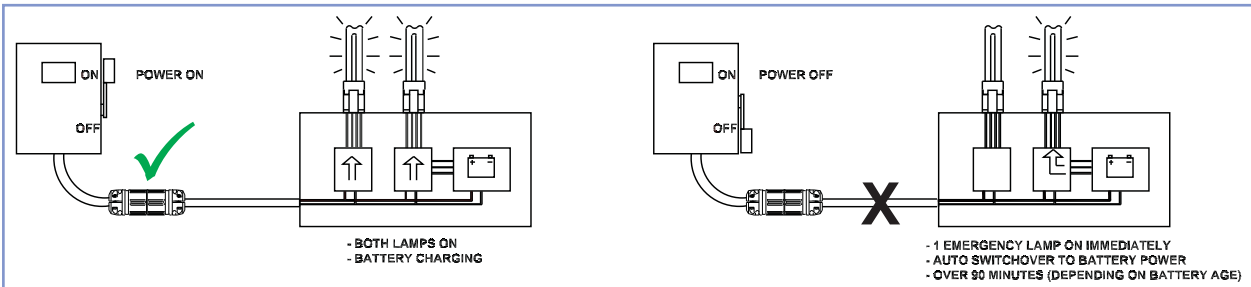
Battery Back Up



Meets OSHA Confined Space Requirements For Egress



How it works



1000 Series Fluorescents Selection Guide

	120VAC
w/ 6' cord	1000F - EMBT
w/ 25' cord	1000F - EMBT-25
w/ 50' cord	1000F - EMBT-50
Specifications	
Electrical Ratings	120VAC 43WATT
Environmental Ratings	NEMA 3R
Cord Gauge/Type	16/3 SOOW
Plug Type	NEMA 5-15P



Notes:

- Contact factory for custom assemblies

Conditions	Normal Lamp Operation	Normal Lamp Operation Testing Battery Backup	Emergency Loss of Power at Cord	Lamp Off for Storage
Main Switch (Toggle ON/OFF)	ON	ON	ON	OFF
Test Switch (Momentary)	OFF	PUSH & HOLD	OFF	OFF
120V Power at Cord	ON	ON	OFF	OFF
Lamps On	2 lamps On Charge Lamp On	2 to 1 when TEST is pushed	1 lamp for 90+ minutes	ALL OFF
Backup Battery	Charging	AUTO switchover	ON	Holding Charge

EZ™ Series Is The Economical Alternative To Expensive Fixtures

Choose either the 70Watt High Pressure Sodium or the 70Watt Metal Halide version and go...it's that easy.



- Available with High Pressure Sodium or Metal Halide Lamp-Choice of light source that is right for you
- Metal Halide Lamp-Provides bright, white light for color-rendering applications
- High Pressure Sodium Lamp-Long-life for extended lighting applications
- UL & cUL Listed-Assurance of quality by independent testing agency-Safety, performance and reduced downtime
- Die-cast aluminum housing-Lightweight, rugged dependability in demanding environments combined with excellent surface finish
- 6ft. #14/3 oil-resistant cable with molded-on 5-15 plug-Resists jobsite oils with out deterioration
- Heavy-duty magnet-Secure mounting on metal surfaces for hands-free operation ⁽¹⁾
- Built-in carry handle with integral "eye"-Provides for overhead mounting and easy-carry, even when wearing work gloves
- Impact resistant, high-temperature lens with inner surface prisms for optimum light diffusion

SUPER STRONG MAGNET

WET LOCATION RATED

EZ™ Series Metal Halide and HPS Fixtures Selection Guide

	Metal Halide ⁽¹⁾	High Pressure Sodium ⁽¹⁾
	70 Watt	70 Watt
6 ft. Cord	1000-MH	1003-HPS
Specifications		
Electrical Ratings	120V/60Hz	120V/60Hz
Environmental Rating	WET LOCATION	WET LOCATION
Cord Gauge/Type	#14/3 SJTOW	#14/3 SJTOW
Plug Type	NEMA 5-15	NEMA 5-15
Bulb Type	70W MH/E26/ED/Clear	70W HPS/E26/ED/Clear
Avg. Rated Bulb Life	8000 hr.	16000 hr.
Initial Lumens	5500	5160
Color Rendition Index (CRI) ⁽²⁾	65	<40
Color Temperature (K) ⁽³⁾	4000K	2100K
Low Temp Start	-20 ° C	-20 ° C
Replacement Parts		
Lens	1000-MH-LENS	1000-MH-LENS
Handle	1000-HAN	1000-HAN
Bulb	1010-MH (70W MH)	1010 (70W HPS)
Magnet	1000-MH-MAG	1000-MH-MAG

Notes:

1. Use secondary safety chain or cable if mounted overhead
2. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the truer the color appears
3. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light



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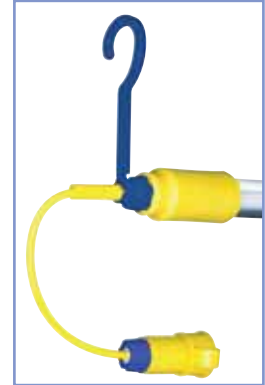
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800 Series Work Lights - T8 Tube

These portable work lights are designed to meet the need for safe, temporary, economical task lighting. Their versatility provides for base and feed-thru units to meet a variety of lighting applications:

- **Tent Lighting** • **Tunnel Lighting** • **Work Shop Lighting** • **Task Lighting** • **And More...**
- **Variety**-Available in different wattages and as a base or feed-thru unit that can be "daisy-chained" to cover larger areas.
- **OSHA Compliant** - Meets OSHA regulations for wet and other conductive locations.
- **Outdoor Use**-Fixture is rated NEMA TYPE 4X for demanding outdoor and in-plant environments.
- **Cool, glare-free light**-Ideal for those applications where hot, glaring light can be a hazard.
- **Rubberized Handle**-Non-conductive, non-corrosive and easy to grip.
- **Flex Strain Relief**-Provides added protection for cord at critical bending points.
- **High Visibility**-Dual Color safety system for easy identification on the jobsite.
- **Lightweight**-Construction with impact resistant tube shield.
- **Ballast**-Enclosed in handle, so it's easy to move around the jobsite.
- **Switch(optional)** - Heavy duty rubber boot, push on/off operation, seals out water.



Feed-thru option



Made in the USA



840 Series - 40 watt high output



832 Series - 32 watt (miser 40w)



825 Series - 25 watt

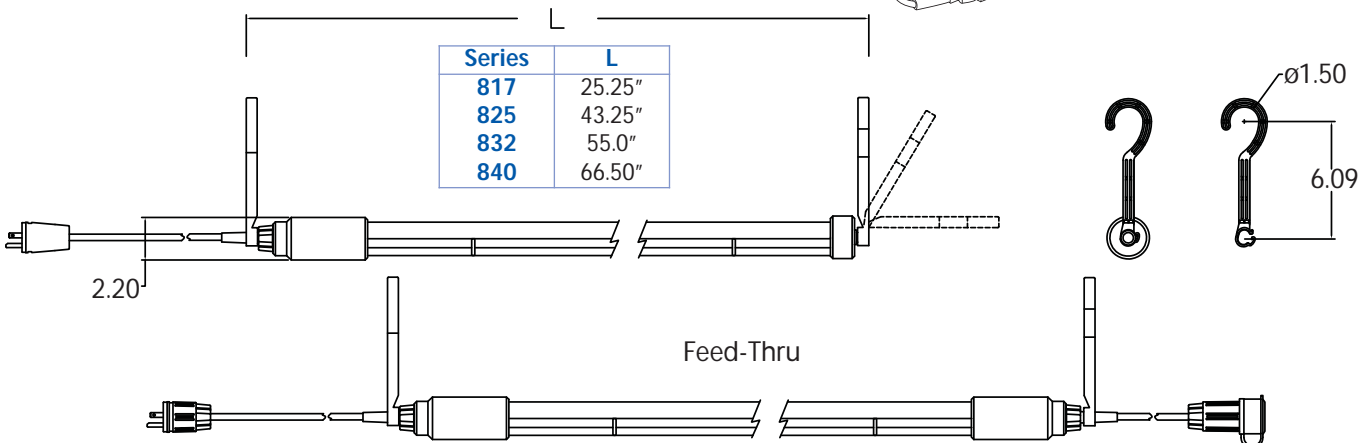


817 Series - 17 watt

Low Temp Rating 0° F



Super Strong "Stand on Me" Tough

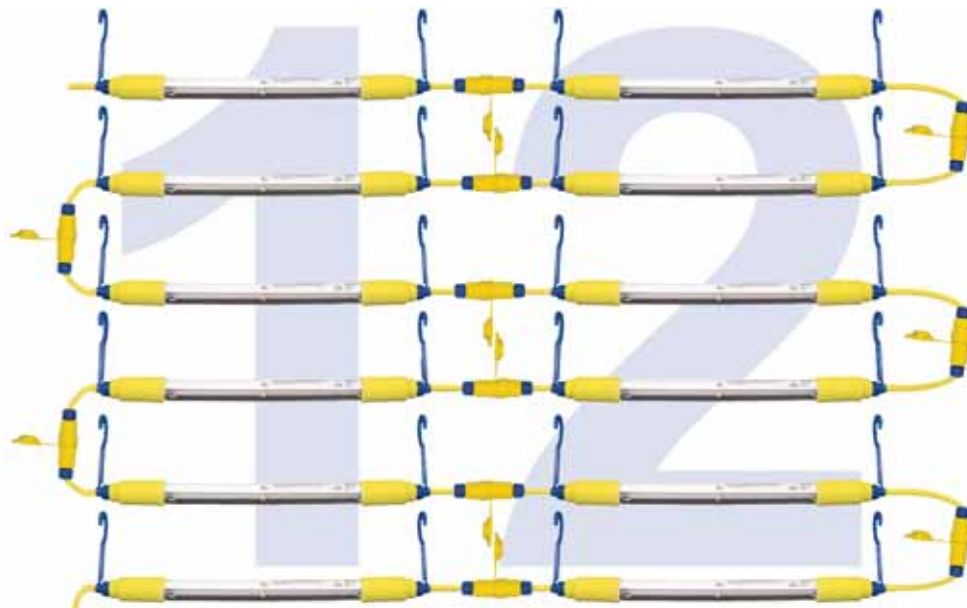


800 Series Work Lights Selection Guide

		17 Watts	25 Watts	32 Watts	40 Watts
Base Units	with 25 ft. cord	817-25	825-25	832-25	840-25
	with 50 ft. cord	817-50	825-50	832-50	840-50
Feed-Thru Units	with 25 ft. cord	817-25F	825-25F	832-25F	840-25F
	with 50 ft. cord	817-50F	825-50F	832-50F	840-50F
Specifications					
	Electrical Ratings	120V, 60Hz	120V, 60Hz	120V, 60Hz	120V, 60Hz
	Amperage Draw	0.25A	0.35A	0.43A	0.48A
	Primary Cord Length	25 ft.	25 ft.	25 ft.	25 ft.
	Secondary Cord Length (Feed-Thru Units Only)	10 in.	10 in.	10 in.	10 in.
	Max Units Connected(Applies to Feed-Thru Models Only) ⁽²⁾	12	12	12	12
	Ballast Location	Handle	Handle	Handle	Handle
	NEMA TYPE Rating	4X	4X	4X	4X
	Cable Gauge/Type (Base Units Only)	#16/3 SOOW	#16/3 SOOW	#16/3 SOOW	#16/3 SOOW
	Cable Gauge/Type (Feed-Thru Units Only)	#14/3 SJOW	#14/3 SJOW	#14/3 SJOW	#14/3 SJOW
	Plug(Base units equipped with molded PW6P feed thru)	NEMA 5-15 1510-PW6P	NEMA 5-15 1510-PW6P	NEMA 5-15 1510-PW6P	NEMA 5-15 1510-PW6P
	Connector (Feed-Thru Units Only)	NEMA 5-15 1610-CW6P	NEMA 5-15 1610-CW6P	NEMA 5-15 1610-CW6P	NEMA 5-15 1610-CW6P
	Bulb Type	F17T8SPX41	F25T8SPX41	F32T8SPX41	F40T8SPX41
	Initial Lumens	1325	2150	2950	3725
	Color Rendition Index (CRI) ⁽³⁾	86	86	86	84
	Color Temperature (K) ⁽⁴⁾	4100	4100	4100	4100
	Avg. Rated Bulb Life (Hours)	20000	20000	20000	20000
	Low Temp Start	0 °F	0 °F	0°F	0 °F
	Fixture Weight	3.2 lb	3.8 lb	4.2 lb	4.6 lb

Notes:

1. Consult factory for custom assemblies, add "S" to end of catalog number for switch
2. Based on nominal primary length of 25ft. and secondary length of 10in. with #16/3 cable operating from a single 15A supply receptacle
3. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the truer the color appears
4. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light



**Connect up to 12 Units Together To Light Your Jobsite.
Great For:**

- Tunnels
- Construction Site
- Scaffolding Walkways
- Tents
- Portable Shelters
- And much more...



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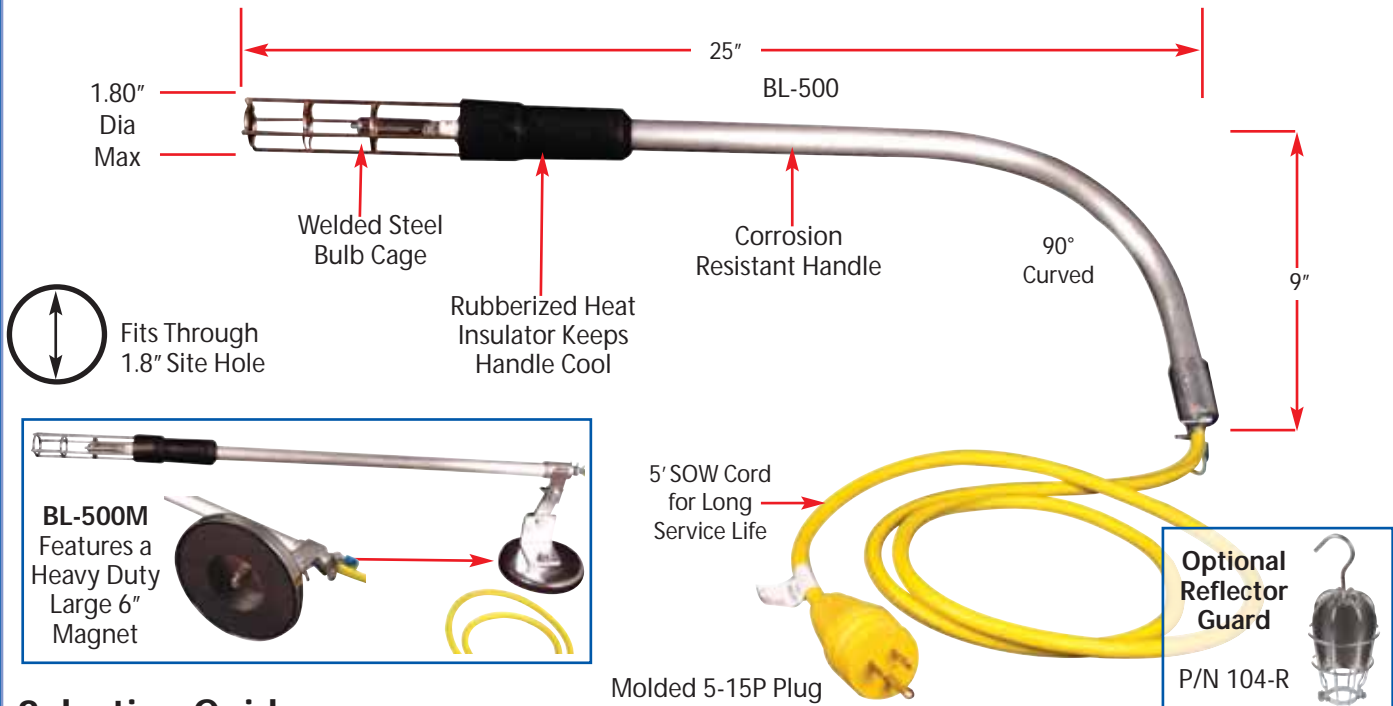
BL-500S

Features

These super bright boiler lights allow for easy inspection through site glass hole.

- Extra bright light - 500 watt tungsten
- Curved handle allows light to reach into the farthest corner
- Small diameter fits through site hole (1.8" Dia. Max)
- NEMA 5-15 plug molded cord
- 120 volt operation
- Bulb cage protects bulb
- Grounded metal tube handle
- Not for hazardous explosion areas
- Use GFCI inline for confined space use

**INSPECTION
MADE EASY**



BL-500M
Features a Heavy Duty Large 6" Magnet

Selection Guide

Item	Description	Product Picture	Cord Length	Length	Bulb Wattage
BL-500S	Boiler light, straight		5 feet	32"	500W
BL-500	Boiler light, 90°			25" & 9"	
BL-500M	Boiler light, with magnet			32"	

Selection Guide

Item	Description	Product Picture
104-R	Alternate reflector guard (optional)	
BL-500-G	Replacement Guard	
BL-500-L	Replacement Bulb, 500 Watt	
BL-500-MAG*	Replacement Magnet Kit	

* Not for retrofit of non-magnet lights

NEW
fluorescent
PORTABLE INSPECTION LAMP

shock-resistant
unbreakable plastic shield
yellow neoprene handle and cord
watertight construction
utmost in safety

All lights are GROUNDED and furnished complete with yellow Neoprene cord, three-wire plug cap, and fluorescent lamp.

CATALOG NO.	WATTAGE	STANDARD PACKAGE 8	Std. Pkg. Wt.	List Price Each	TRADE DISCOUNTS	
					Less Than Std. Pkg. 20%	Std. Pkg. 35%
808-25	8	25-foot cord, 3-wire cap.	33	26.88	21.50	17.47
808-50	8	50-foot cord, 3-wire cap.	42	28.84	23.57	18.75
814-25	14	25-foot cord, 3-wire cap.	45	47.44	37.95	30.84
814-50	14	50-foot cord, 3-wire cap.	54	49.40	39.52	32.11

The above lights can be assorted to make up standard package quantities.

SPECIFICATIONS

WATTAGE	OVERALL LENGTH	MAX. O.D.	WEIGHT LESS CORD	STANDARD LAMP	STANDARD STARTER	INCANDESCENT EQUIVALENT	LAMP LIFE HOURS
8	20½"	2"	14 oz.	F8T5/CW	FS-5	75-watt	6000
14	23½"	3-5/16"	2 lb. 6 oz.	F14T2/CW	FS-4	100-watt	6000

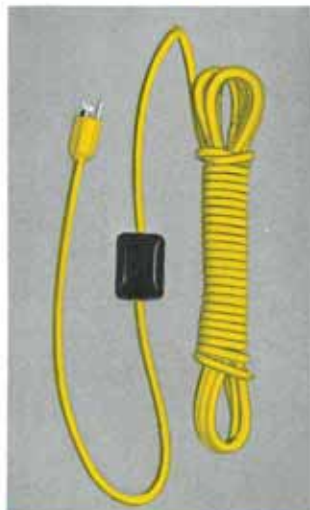
By design and selection of materials, Ericson's new fluorescent inspection light provides the user with a wide, shadowless light area, very little heat, and the utmost in safety. Neoprene and plastic combine to make the unit virtually unbreakable. The fluorescent lamp is protected by a plastic tube which seats in the Neoprene handle and non-rolling end-cap, insuring a watertight construction. The entire unit can be dismantled and reassembled without sealants or tools.

There are no exposed metal parts which can conduct electricity, therefore all possibility of electrical shock has been eliminated. To insure the integrity of this non-conductive construction, a switch in the handle has been purposely omitted.

The fluorescent lamp generates little heat, and because it is shielded with a plastic tube, there is no danger of burns or cuts from broken glass.

The light output is much greater than that of an incandescent bulb of comparable wattage. There is no glare or shadow. Being small in diameter, the light can be used in many confined areas, where other types of extension lights would not be practicable.

The new fluorescent light can take rough handling and use, can be dropped, stepped on, or subjected to other abuse without damage.



THE
ERICSON MANUFACTURING COMPANY
1660 Hayden Avenue Cleveland, Ohio 44112
Page 10-A

Original Ad from the 1960's



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.
FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY
Note: Products shown on this page may not be listed.

Here's a plug that will give you a
real connection — **PLUG CAPS and**
CORD CONNECTORS FROM ERICSON



The originator
of
BACK-WIRED
plug caps and
cord connectors

THE ERICSON MANUFACTURING COMPANY

1660 Hayden Avenue, Cleveland, Ohio 44112 • (216) 451-2030

Original 1950's Advertisement



24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)



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Ericson Manufacturing Company offers a wide variety of plugs and connectors to fit your needs.

PERMALINK®



- Two-screw cable clamp secures cord and provides superior strain-relief
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C to + 100°C
- Individual wire pockets help prevent flashovers
- Rubberized outer housing for superior grip and impact resistance
- Flexibility of reverse-cover design creates weather-resistant connections by interchanging covers
- Internal cord seals keep out water/mud/dust
- Available in all black

PERMAGRIP™



- Quick field assembly with cord grip nut
- Superior water/mud/dust resistance provided by safety compression cord grips
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C to + 100°C
- Flexibility of reverse-cover design (straight blade devices) creates weather-resistant connections by interchanging covers
- Custom marking available on cord grip nut
- Available in all black

PERMATITE® 2



- Tongue & groove sealing system provides extreme environmental protection of:
 - NEMA Type 4, 4X, 6, 6P & IP67
- Devices resist high-pressure hose down of 1,500 psi.
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C to + 100°C
- Removable/replaceable self-retained sealing cap provided with connector to keep out contaminants when not in use (plug cap also available)
- Custom marking available on cord grip nut
- Available in all black

50 Amp Devices



- Rugged nylon construction resists impact, corrosion and jobsite oils/chemicals
- Quick field assembly, with color coded markings
- Nickel plated blades and stainless steel screws provide optimum corrosion resistance
- Boots can be threaded together with the optional sealing collar system to provide maximum environmental protection
- Available in plugs, connectors, inlets and receptacles
- Rubberized grey "Twist-Grip" for ease of connection

Commercial Grade



- Translucent body allows device to glow from power on lamp (EL Models)
- Wide open "suitcase" style construction makes wiring easy
- Fits 10/3 to 18/3 cord diameters
- Rugged design withstands abuse on the jobsite
- Color coded termination screws for ground, hot and neutral
- Combo screw heads speed up installation
- Rubberized "grip" cushions and surrounds device
- Economy priced

Smart Monitor



NEW!

Features of All Smart Monitor Plugs & Connectors:

- Super bright 2-color LED technology
- Smart Monitor Module
- Easy to wire
- Clear internal wiring cover
- Multiple cord grommets included
- Makes OSHA safety compliance easy and cost effective

24/7 Monitoring of These 7 Events

- No Ground
- Loss of Ground In Cord
- Hot/Neutral Swap
- Reverse Polarity
- Hot on Ground
- Open Neutral

3 Styles to Pick From:

- Perma-Link®
- Perma-Grip™
- Perma-Tite® 2

Smart Cords



NEW!

New From Ericson... Industrial application SmartCords factory built to last and last. Models with Smart Connector (Economy Safe) and both Smart Plug and connector are available. 24/7 monitoring with Assured Grounding Compliance to NEC and OSHA standards. Built with the highest quality materials to withstand your environment.

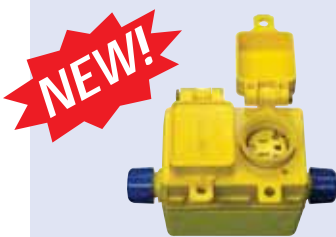
NEW!

FS Series Single Receptacles & Male Inlets Under All Weather Flip Covers



- Weather resistant boot seals around Ericson Perma-Tite plug to provide weather resistant protection
- Spring-loaded flip-lid covers receptacle when not in use
- Includes cover plate, rubber boot, stainless steel mounting plate/mounting screws
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to 6200 or 6300 series FS/FD boxes and any flat surface
- Collar plug seals and grips all types of round plugs or connectors

Double Outlet Receptacle with Cover Plates - PWDX Series



NEW!

- Weather resistant boot seals around Ericson Perma-Tite plug to provide weather resistant protection
- Spring-loaded flip-lid covers the receptacle when not in use
- Two independent fully rated receptacles in one easy to install assembly
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to 6200 series FS/FD boxes and any flat surface

Adapters



NEMA Change Adapters

Now make quick, secure connections between straight-blade and locking plugs and connectors with Ericson's NEMA configuration adapters.

- Heavy-duty non-conducting housing and using heavy gauge solid brass blades
- Compact size makes them easy to use and transport
- Available in molded style or short cords



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY


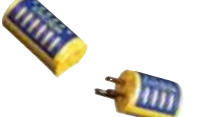





Note: Products shown on this page may not be listed.

Ericson NEMA Chart



Face View	NEMA	Electrical Ratings		PERMA-TITE® 2		PERMA-GRIP™	
	Configuration	Amps	Volts	Plugs	Connectors	Plugs	Connectors
2-pole, 3-Wire Grounding							
	5-15	15	125	1510-PW6P	1610-CW6P	1510-PG	1610-CG
	5-20	20	125	1512-PW6P	1612-CW6P	1512-PG	1612-CG
	6-15	15	250	1514-PW6P	1614-CW6P	1514-PG	1614-CG
	6-20	20	250	1516-PW6P	1616-CW6P	1516-PG	1616-CG
	L5-15	15	125	1520-PW6P	1620-CW6P	1520-PG	1620-CG
	L6-15	15	250	1522-PW6P	1622-CW6P	1522-PG	1622-CG
	L7-15	15	277	1524-PW6P	1624-CW6P	1524-PG	1624-CG
	L5-20	20	125	2310-PW6P	2410-CW6P	2310-PG	2410-CG
	L6-20	20	250	2312-PW6P	2412-CW6P	2312-PG	2412-CG
	L7-20	20	277	2314-PW6P	2414-CW6P	2314-PG	2414-CG
3-Pole, 3-Wire Non-Grounding							
	Non-NEMA	20	125/250	2316-PW6P	2416-CW6P	2316-PG	2416-CG
	Non-NEMA	20/10	205/600	2317-PW6P	2417-CW6P	2317-PG	2417-GC
	Non-NEMA	15A/10A	125V/250V	1507-PW6P	1607-CW6P	1507-PG	1607-CG
3-Pole, 4-Wire Grounding							
	L14-20	20	125/250	2320-PW6P	2420-CW6P		
	L15-20	20	250, 3Ø	2322-PW6P	2422-CW6P		
	L16-20	20	480, 3Ø	2324-PW6P	2424-CW6P		
2-Pole, 3-Wire Grounding							
	L5-30	30	125	2510-PW6P	2610-CW6P	2510-PG	2610-CG
	L6-30	30	250	2512-PW6P	2612-CW6P	2512-PG	2612-GC
	L7-30	30	277	2514-PW6P	2614-CW6P	2514-PG	2614-CG
3-Pole, 3-Wire Non-Grounding							
	Non-NEMA	30	125/250	2516-PW6P	2616-CW6P		
3-Pole, 4-Wire Grounding							
	L14-30	30	125/250 3Ø	2520-PW6P	2620-CW6P		
	L15-30	30	250, 3Ø	2522-PW6P	2622-CW6P		
	L16-30	30	480, 3Ø	2524-PW6P	2624-CW6P		
	L17-30	30	600, 3Ø	2526-PW6P	2626-CW6P		
4-Pole, 4-Wire							
	L18-30	30	120/208 3Ø wye	2530-PW6P	2630-CW6P		
4-Pole, 4-Wire Non-Grounding							
	Non-NEMA	30	120/208 3Ø wye	2528-PW6P	2628-CW6P		

WIRING DEVICES

	 BETTER		 GOOD		 SMART				 NEW!
	PERMA-LINK®		Economy Grade*		Smart Monitor*		Single Outlet	Male Inlets	Dual Recept (PWDX)
Face View	Plugs	Connectors	Plugs	Connectors	Plugs	Connectors	FS Cover Plates		Receptacle with Cover
2-pole, 3-Wire Grounding									
	1510-P	1610-C	5266-E	5269-E	1510-PXX	1610-CXX	2715-FS10	2705-15/A	1610-PWDX
	1512-P	1612-C			1512-PXX	1612-CXX	2715-FS12	2705-20/A	1612-PWDX
	1514-P	1614-C	Note: Lighted power-on glow models also: 5266-EL & 5269-EL				2715-FS14		1614-PWDX
	1516-P	1616-C					2715-FS16		1616-PWDX
	1520-P	1620-C					2715-FS20	2705-L15/A	1620-PWDX
	1522-P	1622-C					2715-FS22		1622-PWDX
	1524-P	1624-C					2715-FS24		1624-PWDX
	2310-P	2410-C			2310-PXX	2410-CXX	2820-FS10	2705-L20	6200 Series Boxes For FS Series & PWDX Series <ul style="list-style-type: none"> • Rubberized • Fully Enclosed • Single and Double Sided • Standard and Deep 
	2312-P	2412-C					2820-FS12		
	2314-P	2414-C					2820-FS14		
3-Pole, 3-Wire Non-Grounding									
	2316-P	2416-C					2820-FS16		
	2317-P	2417-C					2820-FS17		
	1507-P	1607-C					2715-FS07		
3-Pole, 4-Wire Grounding									
	2320-P	2420-C					2920-FS20	2705-L142	
	2322-P	2422-C					2920-FS22		
	2324-P	2424-C					2920-FS24	2705-L162	
2-Pole, 3-Wire Grounding									
	2510-P	2610-C					2830-FS10	2705-L30	
	2512-P	2612-C					2830-FS12		
	2514-P	2614-C					2830-FS14		
3-Pole, 3-Wire Non-Grounding									
	2516-P	2616-C					2830-FS16		
3-Pole, 4-Wire Grounding									
	2520-P	2620-C					2930-FS20	2705-L143	
	2522-P	2622-C					2930-FS22		
	2524-P	2624-C					2930-FS24	2705-L163	
	2526-P	2626-C					2930-FS26	2705-L173	
4-Pole, 4-Wire									
	2530-P	2630-C					2930-FS30		
4-Pole, 4-Wire Non-Grounding									
	2528-P	2628-C					2930-FS28		

↑

***Part Number Note for Smart Monitors:**

PLUGS (-PXX)

PML
Perma-Link® Style

PMGL
Perma-Grip™ Style

PW6PL
Perma-Tite®2 Style

CONNECTORS (-CXX)

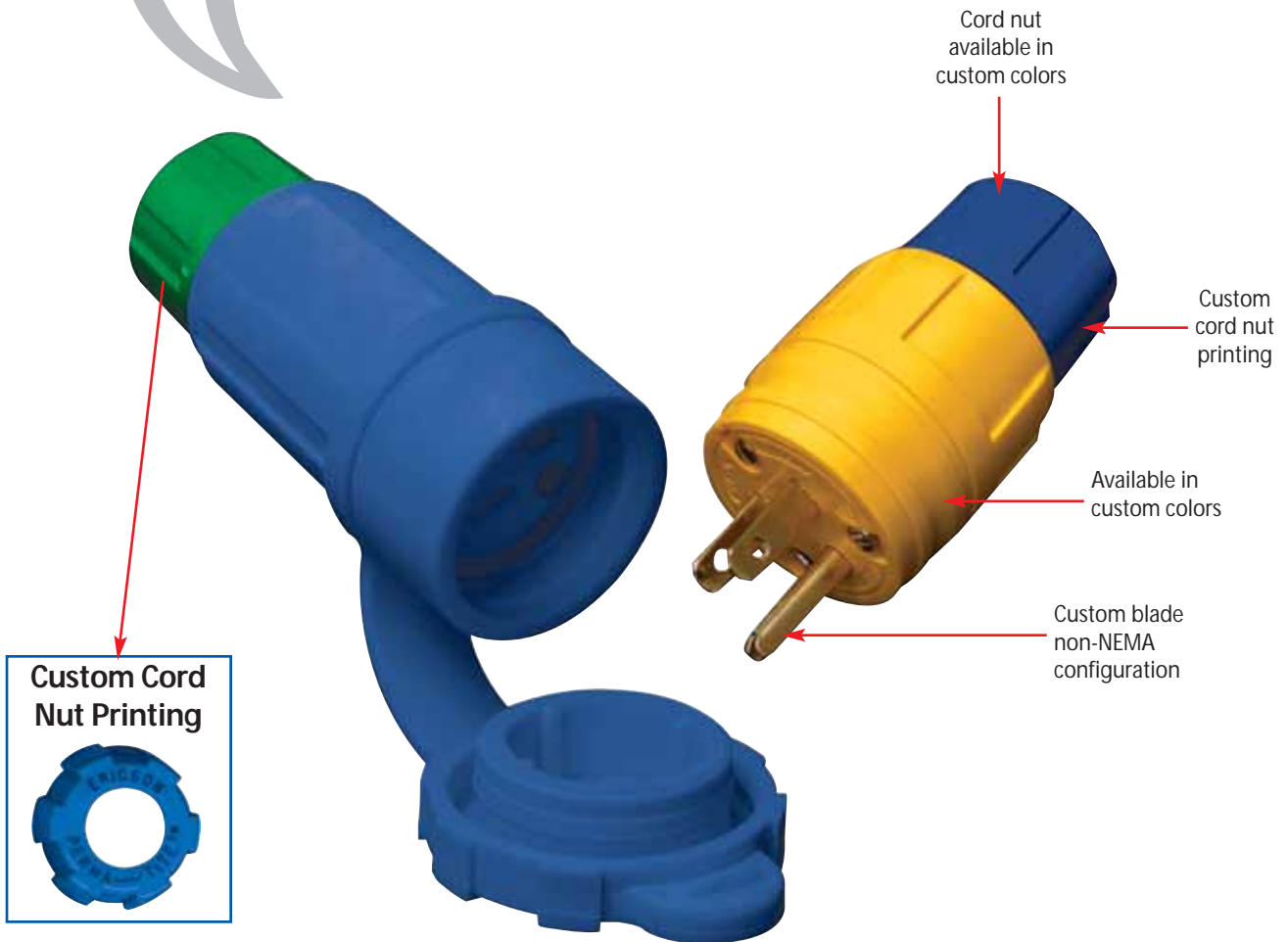
CML
Perma-Link® Style

CMGL
Perma-Grip™ Style

CW6PL
Perma-Tite®2 Style



Yes we can. Ericson can customize our offering of wiring devices to meet your individual needs. The custom solution can be as simple as the popular printing on the back of the cord grip nut to fully custom colored and labeled product. Minimum order sizes will apply and well as some setup fees. Contact us to discuss your needs and custom design details.



Notes:

- 1. Some customization can void certain agency safety listings or warranty.
- 2. Minimum quantities will apply. Other design and tooling fees may apply.

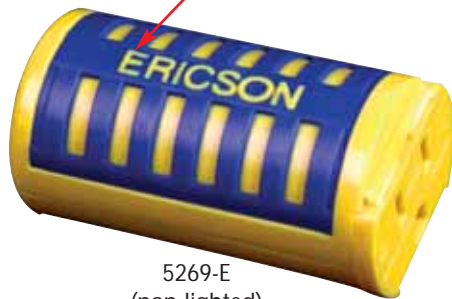
How to order: Contact you local Ericson Factory Representative or call us at 1-800-Ericson (374-2766)

Commercial Grade Plugs & Connectors

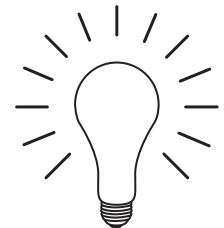
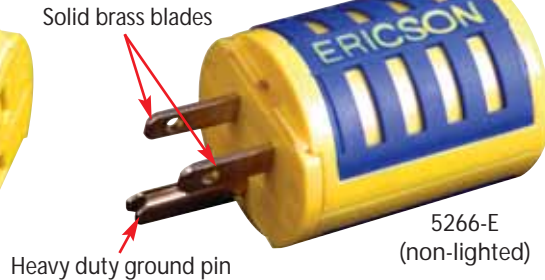
The Ericson 5266 and 5269 Series of Commercial Grade plugs offer the latest in design innovation and quality in an economy grade wiring device. The demands of today's electrical industry are met with this new design with features never before seen in a commercial device. Designed to provide years of trouble free service in demanding industrial, construction and rental environments. Available in 2 styles, with and without the power on "glow" module to light up the entire device.

- 2 styles – with and without internal lamp module (see chart)
- Translucent body allows device to glow from power on lamp
- Tough, soft feel, rubber overmold grip
- Wide open "suitcase" style construction makes wiring easy
- Two captive screw body clamp design is easy to assemble
- Cord diameter matching inserts fit a wide range of cord sizes
- Solid brass blades for optimum electrical contact
- Fits 10/3 to 18/3 cord diameters*
- Rugged design withstands abuse on the jobsite
- Clear internal conductor cover allows visual inspection
- Color coded termination screws for ground, hot and neutral
- Combo screw head

Exclusive! Tough, soft feel, rubber overmold grip



Tough nylon translucent body allows glow module to illuminate entire device¹

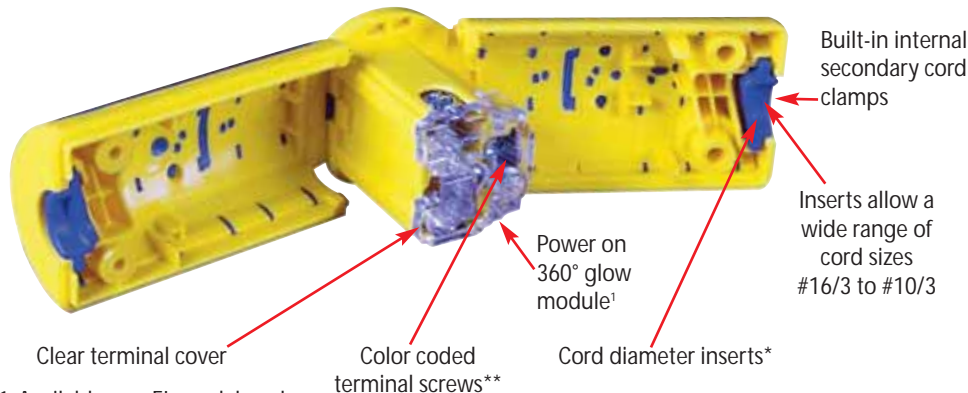


We Light Up!

5266-EL Lighted



1 Piece Design - EZ To Wire



EL Models Translucent Body "Glow"

1. Available on - EL models only

Devices Selection Guide

Face View	NEMA Configuration	Electrical Ratings		With Internal Glow Light		Without Internal Glow Light	
		Amps	Volts	Plugs	Connectors	Plugs	Connectors
Straight Blade, 2-pole, 3-wire Grounding Devices							
	5-15	15	125				
				5266-EL	5269-EL	5266-E	5269-E

Notes:

*Cord diameters - .3 to .6 inch
**Slot - Phillips



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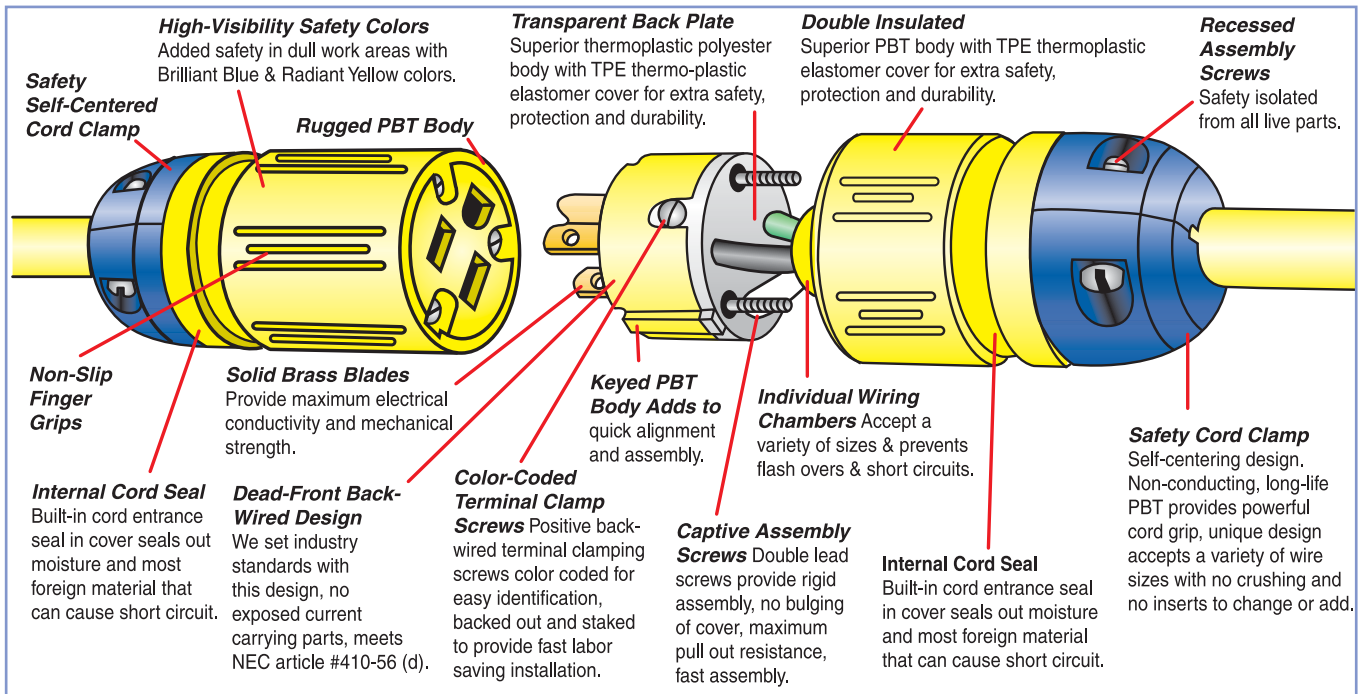
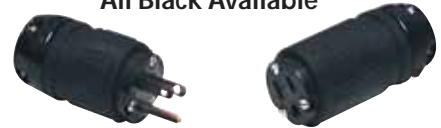
PERMA-LINK® Plugs and Connectors

United States patent number 4,021,092 was assigned to today's Perma-Link® plugs and connectors which are classified among the most rugged and safest wiring devices available. They incorporate many of the same features as Ericson Perma-Tite® 2 and Perma-Grip™ devices and utilize a two-screw cable clamp. Perma-Link® plugs and connectors are designed to provide many years of trouble-free service in the most demanding industrial and construction environments.



- UL Listed and CSA Certified
- Two-screw cable clamp secures wire and provides strain-relief
- Solid brass blades for optimum electrical and mechanical performance
- Keyed body and cover for easy alignment/assembly
- Molded-in non-slip finger-grips makes devices easy to assemble and handle
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C to 100 °C
- Individual wire pockets help prevent flashovers
- Transparent back plate speeds wiring inspection
- Selected models available with Ground Continuity Monitor
- Available individually or on factory assembled cord sets
- Flexibility of reverse-cover design creates weather-resistant connections by interchanging covers
- Ericson's exclusive Brilliant Blue and Radiant Yellow High Visibility Dual Color Safety System

All Black Available



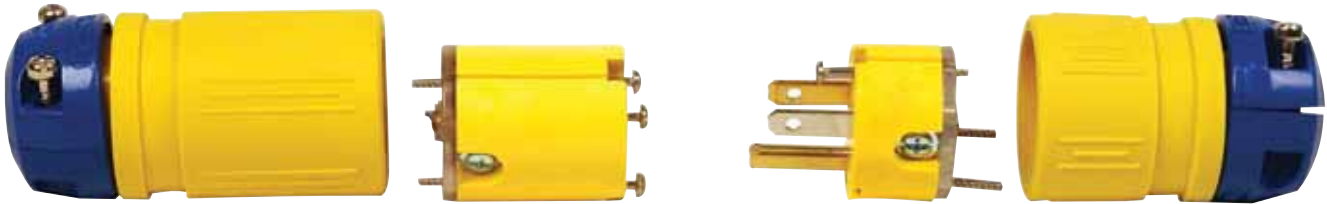
Note: Add - BLK for all black as available.

Versatile Weather-Resistant Field Conversion

Our Perma-Link® plugs and connectors (straight blade only) are designed so they can easily be converted to create weather-resistant connections by interchanging the internal assemblies. Insert the plug body into the connector cover, and the connector body into the plug cover. There are no extra parts to purchase.

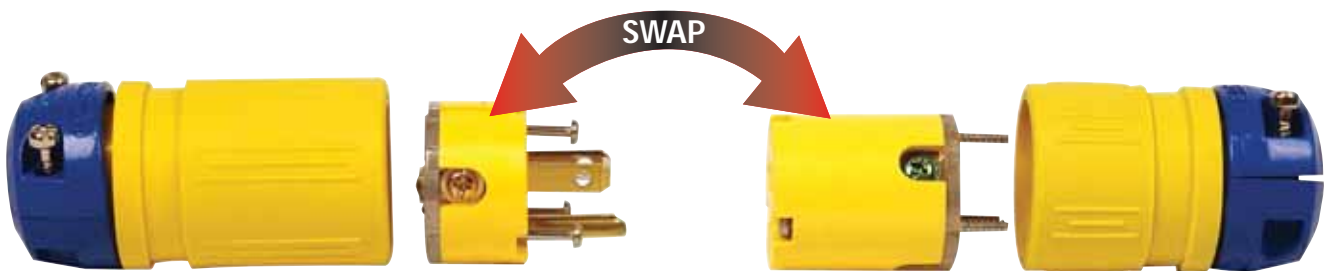
Step 1:

Disassemble The Plug & Connector As Shown



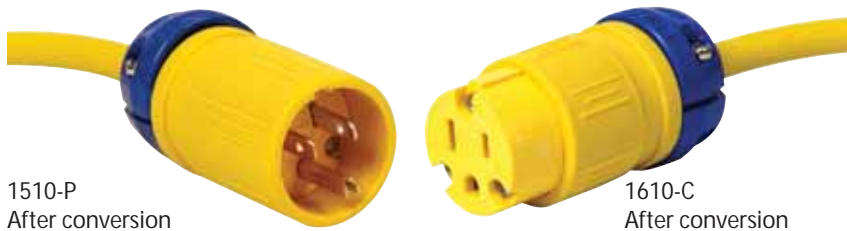
Step 2:

Swap Plug & Connector Assemblies



Step 3:

Assemble Cords Per Bag Instructions



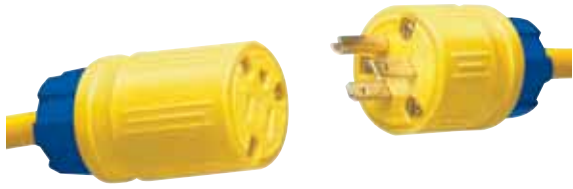
Now Your Perma-Link® Plugs & Connectors
Are More Weather Resistant!



ERICSON EXCLUSIVE

PERMA-GRIP™ Plugs and Connectors

Ericson's industry exclusive design combines the Perma-Tite® cord grip with the industry proven design of its Perma-Link® devices to provide a line of **incredibly tough plugs and connectors** that stand up to the most demanding industrial and construction environments.



- UL Listed and CSA Certified, some ETL Listed
- Quick field assembly, no cable clamp screws to tighten, simply twist on the cord grip nut
- Water/mud/dust resistance provided by safety compression cord grips
- Keyed body and cover for easy alignment/assembly
- Color coded rubber cord-seal bushings accommodate a wide range of cable diameters
- Molded-in non-slip fingers grips makes devices easy to assemble and handle
- Withstand high impact, corrosion, oils, greases, solvents and other chemicals across -20 °C - +65 °C
- Nickel plated brass blades and ground pin stops corrosion and keeps solid electrical contact

- Individual wire pockets help prevent flashovers
- Transparent back plate speeds wiring inspection
- Selected models available with Ground Continuity Monitor
- Available individually or on factory assembled cord sets
- Flexibility of reverse-cover design (straight blade devices) creates weather-resistant connections by interchanging covers
- Ericson's exclusive Brilliant Blue and Radiant Yellow High Visibility Dual Color Safety System



All Black Available



Complete Kit as Shown

FEATURE

Safety Compression Cord Grip
Non-conductive, long life rugged PBT, powerful cord grip, unique design accepts all AWG wire range sizes from #18 through #12 with no crushing and no inserts to change or add

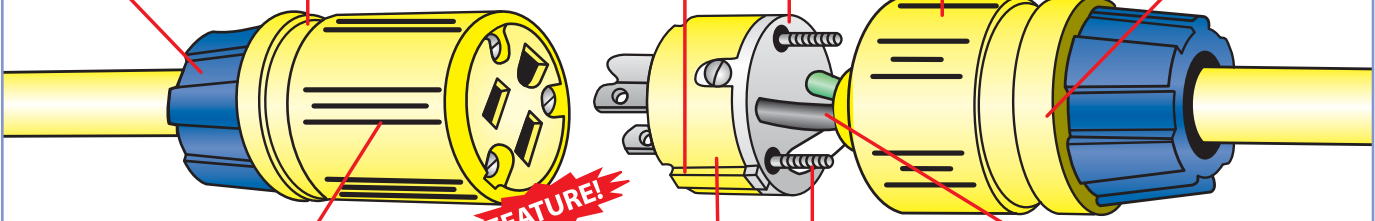
High-Visibility Safety Colors
Added safety in dull work areas With Brilliant Blue and Radiant Yellow colors.

Transparent Back Plate
Clear polycarbonate permits visual wiring inspection without disassembly

Keyed PBT Body
Adds to quick alignment and assembly.

Double Insulated
Superior PBT body with TPE thermoplastic elastomer cover for extra safety, protection and durability.

FEATURE! Internal Cord Seal
Built-in cord entrance seal in cover seals out moisture and most foreign material that can cause short circuit.



Non-Slip Finger Grips

FEATURE!

Blades nickel plated to prevent corrosion

Captive Assembly Screws
Double lead screws provide rigid assembly, no bulging of cover, maximum pull out resistance, fast assembly.

Individual Wire Chambers
Accepts up to #12 AWG conductors and prevents flash overs and short circuits.

EXTRA GROMMETS Color coded rubber cord sealer grommets supplied for a variety of diameters.

Dead-Front Back-Wired Design
We set industry standards with this design, no exposed current carrying parts, meets NEC article #410-56 (d).

Note: Add - BLK for all black as available.

PERMA-TITE® 2 Plugs and Connectors

Perma-Tite®2 plugs and connectors are engineered and manufactured to the highest quality standards to provide the ultimate in electrical service and protection. They are designed and proven to do their best under the worst conditions in a broad array of the most severe food processing, industrial, marine, construction and petro-chemical work environments.

- UL Listed & CSA Certified, some ETL Listed
- Tongue & groove sealing system provides environmental protection of:
 - NEMA Type 4, 4X, 6, 6P & IP67
- Devices resist high-pressure hose down of 1,500 psi.
- Plug & Connector bodies made with PBT chosen for its high resistance to moisture absorption, high voltage arcing and carbon tracking
- Keyed body and cover for easy alignment/assembly
- Color coded sealing bushings are provided to fit a variety of cord diameters
- Removable/replaceable self-retained sealing cap provided with connector to keep out contaminants when not in use
- Nickel plated blades for corrosion resistance
- Transparent back-plate makes for quick visual wiring checks
- Ericson's new brilliant Blue and Radiant Yellow High Visibility Dual Color Safety System symbolizes that legendary Ericson Quality



All Black Available

NEMA TYPE
4, 4X, 6, 6P & IP67

- Excels in demanding outdoor & in-plant environments
- Resists hose directed water, the entry of water during prolonged submersion at a limited depth & damage from external ice formation

Typical Applications

- Food processing
- Pulp and paper mills
- Refineries and Petro Chem Facilities
- Ship yards
- Utilities
- Marine



16CW

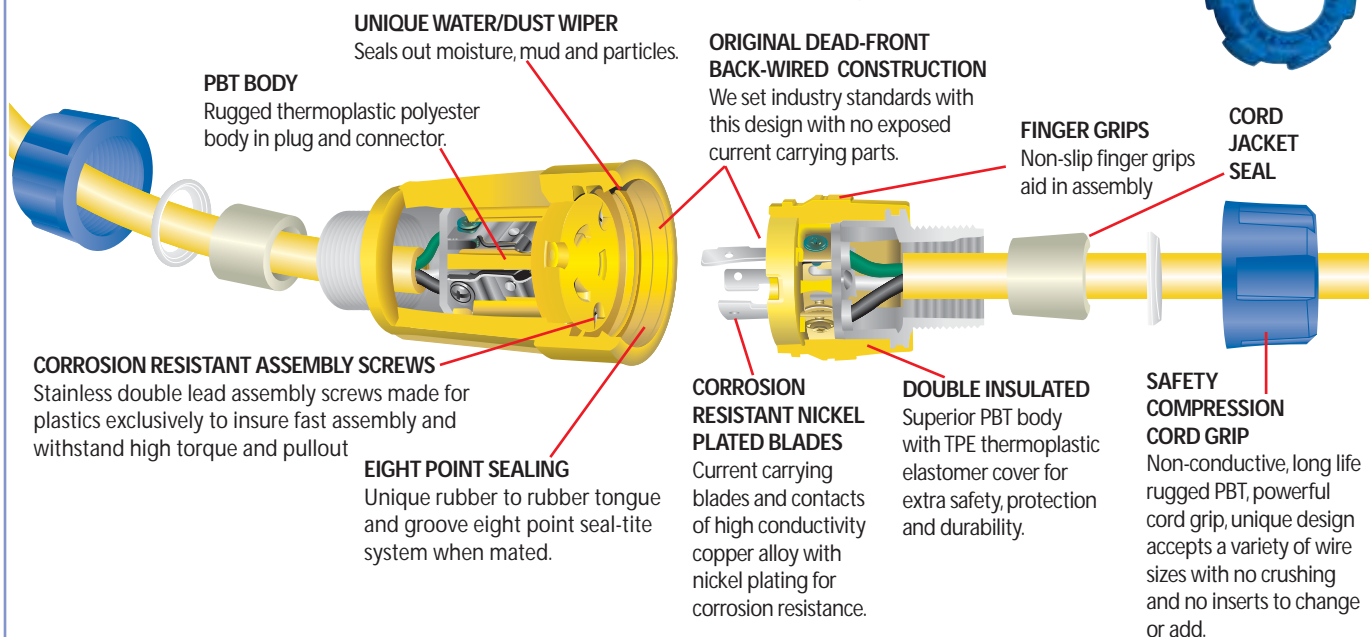
Connector Cover Available

15PW

Plug Cover Available

PERMA-TITE® 2

EXTRA GROMMETS Color coded rubber cord sealer grommets supplied for a variety of diameters.



Note: Add - BLK for all black as available.



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Note: Products shown on this page may not be listed.

Smart Monitor Plugs & Connectors Constantly Monitor These Conditions:

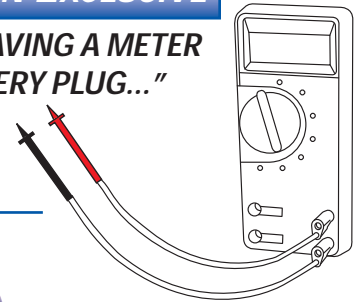
- No Ground
- Loss of Ground In Cord
- Hot/Neutral Swap
- Reverse Polarity
- Hot on Ground
- Open Neutral

Features Of All Smart Monitor Plugs & Connectors:

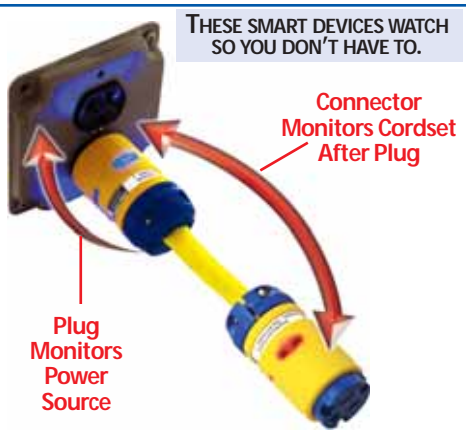
- Super Bright LED Technology
- Smart Monitor Module
- Keyed body and cover
- Easy to wire
- Clear internal wiring cover
- Non-slip finger grips
- Color coded terminal screws
- Multiple cord grommets included
- Rubberized outer body
- Safety Yellow and Blue body

ERICSON EXCLUSIVE

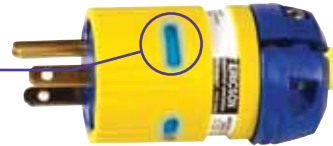
"LIKE HAVING A METER IN EVERY PLUG..."



- No Ground
- Loss of Ground In Cord
- Hot/Neutral Swap
- Reverse Polarity
- Hot on Ground
- Open Neutral



BLUE
OK TO USE



LEDs light up to let you know power is O.K.



24/7
Monitoring



RED
STOP, CALL AN
ELECTRICIAN!

LEDs light up to let you know there is a problem

How It Works - Diagnostic Safety Cords

Economy Safe Cords



Cordset is OK to Use

- Safety earth ground is OK
- power polarity is OK



Do Not Use

- Check power source for proper wiring and ground
- Check cord for cuts, nicks etc.
- Check plug wiring
- Check connector wiring

Full Diagnostic Safety Cords*



Do Not Use

- Source power is OK
- Check cord for cuts, nicks etc.
- Check connector wiring



Do Not Use

- Check power source for wiring or missing earth ground

Using Smart Monitor with Tool Cords

Blue OK to use tool**

Red STOP!

- Check power source for wiring or missing earth ground
- Check for miswired receptacle

* Full diagnostic safety cords give easy-to-understand indications which saves time tracking down electrical safety issues.

**This device does not diagnose any tool internal issues. This device is an indication that the power and safety earth ground are present.

Smart Monitor Series

Cord Clamp Style



Perma-Link™ Cord Clamp Style Features:

- Internal cord seal
 - Dual screw self-centering clamp
 - Rubberized outer body
- XXXX-PML

Cord Grip Style



Perma-Grip™ Cord Grip Nut Style Features:

- Nickel plated solid brass blades
- Super sealing cord grip nut design



XXXX-PMGL

Water Tight Style



Perma-Tite2™ All Weather Cord Grip Nut Style features:

- All weather - NEMA 6P rated
 - Super sealing rings
 - Nickel plated solid brass blades
 - Super sealing cord grip nut design
 - Connector includes cover
 - 360° indication
- XXXX-CW6PL

Plug & Connector Selection Guide

Face View	NEMA Configuration	Electrical Ratings		Perma-Link®		Perma-Grip®		Perma-Tite® 2	
		Amps	Volts	Plugs	Connectors	Plugs	Connectors	Plugs	Connectors
Straight Blade, 2-pole, 3-wire Grounding Devices									
	5-15	15	125	1510-PML	1610-CML	1510-PMGL	1610-CMGL	1510-PW6PL	1610-CW6PL
	5-20	20	125	1512-PML	1612-CML	1512-PMGL	1612-CMGL	1512-PW6PL	1612-CW6PL
Locking, 2-pole, 3-wire Grounding									
	L5-20	20	125	2310-PML	2410-CML	2310-PMGL	2410-CMGL	2310PW6PL	2410-CW6PL
	L5-15	15	125	1520-PML	1620-CML	1520-PMGL	1620-CMGL	1520-PW6PL	1620-CW6PL

New From Ericson... Industrial application SmartCords factory built to last and last. Models with Smart Connector (Economy Safe) and both Smart Plug and Connector are available. 24/7 monitoring with Assured Grounding Compliance to NEC and OSHA standards. Built with the highest quality materials to withstand your environment.



1510PML123A shown

Cord

Tough 600V rated SOW cordage for long lasting wear

Smart Monitor Connector

Checks entire cordset from the plug to the connector

Cordset Selection Guide

Economy Safe SmartCords P/N*	Length	Non-smart PLUG	Smart Connector	Cord Size	Rating
1610XXX143	A = 25ft B= 50ft D=100ft	1510-__	1610-__L	#14/3 SOW	15A
1610XXX123		1510-__	1610-__L	#12/3 SOW	15A
1612XXX123		1510-__	1610-__L	#12/3 SOW	20A
2410XXX123		2310-__	2410-__L	#12/3 SOW	20A
Note: plug and connector type will be based on selection made of the master cordset part number - style will match					
Full Diagnostic Safety SmartCords P/N**	Length	Smart PLUG	Smart Connector	Cord Size	Rating
1510XXX143	A = 25ft B= 50ft D=100ft	1510-__L	1610-__L	#14/3 SOW	15A
1510XXX123		1510-__L	1610-__L	#12/3 SOW	15A
1512XXX123		1512-__L	1610-__L	#12/3 SOW	20A
2310XXX123		2310-__L	2410-__L	#12/3 SOW	20A
Note: plug and connector type will be based on selection made of the master cordset part number					

* Replace XXX with: (Economy Cordsets Only)

CML = PermaLink Style Light Industrial Wiring Devices (non-smart Plug and Smart Connector installed)

CMGL = PermaGrip Style Industrial Wiring Devices with nickel plated blades (non-smart Plug and Smart Connector installed)

CW6PL = PermaTite Style Industrial All-Weather Wiring Devices (non-smart Plug and Smart Connector installed)

** Replace XXX with: (Full Diag Cordsets Only)

PML = PermaLink Style Light Industrial Wiring Devices (Smart Plug and Smart Connector installed)

PMGL = PermaGrip Style Industrial Wiring Devices with nickel plated blades (Smart Plug and Smart Connector installed)

PW6PL = PermaTite Style Industrial All-Weather Wiring Devices (Smart Plug and Smart Connector installed)



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FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

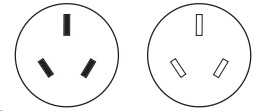
Note: Products shown on this page may not be listed.

"Crowsfoot" Devices - Non-NEMA

This Non-NEMA configuration, commonly called the "crowsfoot", is widely used in critical applications that require equipment to be plugged into a specific electrical system to ensure proper function or to prevent equipment damage.

Typical Applications

- Low-voltage hand lamps and matching transformers
- Data acquisition/logging equipment to detect level and flow measurements on tanks and valves
- Sensitive electronic equipment that must be used on voltage regulated circuits



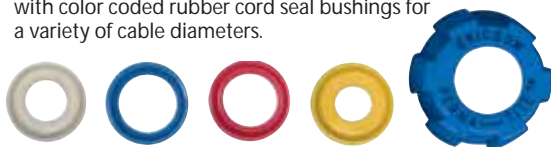
Features Guide

- Plug and connector bodies made with PBT chosen for its high resistance to moisture absorption, high voltage arcing and carbon tracking.
- Transparent back-plate makes for quick visual wiring checks.
- Keyed body and cover for easy alignment/assembly.
- Color-coded sealing bushings are provided to fit a variety of cord diameters.
- Perma-Tite® 2 devices have the eight-point rubber tongue and groove sealing system to provide environmental protection.
- Rubber sealing cap provided with Perma-Tite® 2 connector to keep out contaminants when not in use.
- Optional plug cover available - order catalog number 15PW.
- Ericson's exclusive Brilliant Blue and Radiant Yellow High Visibility Dual Color Safety System.
- Perma-Tite® 2 devices rated NEMA 4, 4X, 6, 6P & IP67.

PERMA-GRIP™ plug and connector with industry exclusive cord grip nut for rapid field assembly



Perma-Grip™ & Perma-Tite®2 plugs & connectors come with color coded rubber cord seal bushings for a variety of cable diameters.



PERMA-TITE® 2 plug and connector



Face View	NEMA Config.	Electrical Ratings		Perma-Grip™		Perma-Tite® 2	
	Non-NEMA	15A	125V	1507-PG	1607-CG	1507-PW6P	1607-CW6P
		10A	250V				



ERICSONTM
electrical
specialties

• ORIGINATORS OF DEAD-FRONT,
BACK-WIRED PLUG CAPS

PERMA-LINKTM

DOUBLE INSULATED PLUG CAPS AND
CONNECTOR BODIES

Original 1980's Advertisement



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WHEN USED WITH PERMA-TITE®2 PLUG

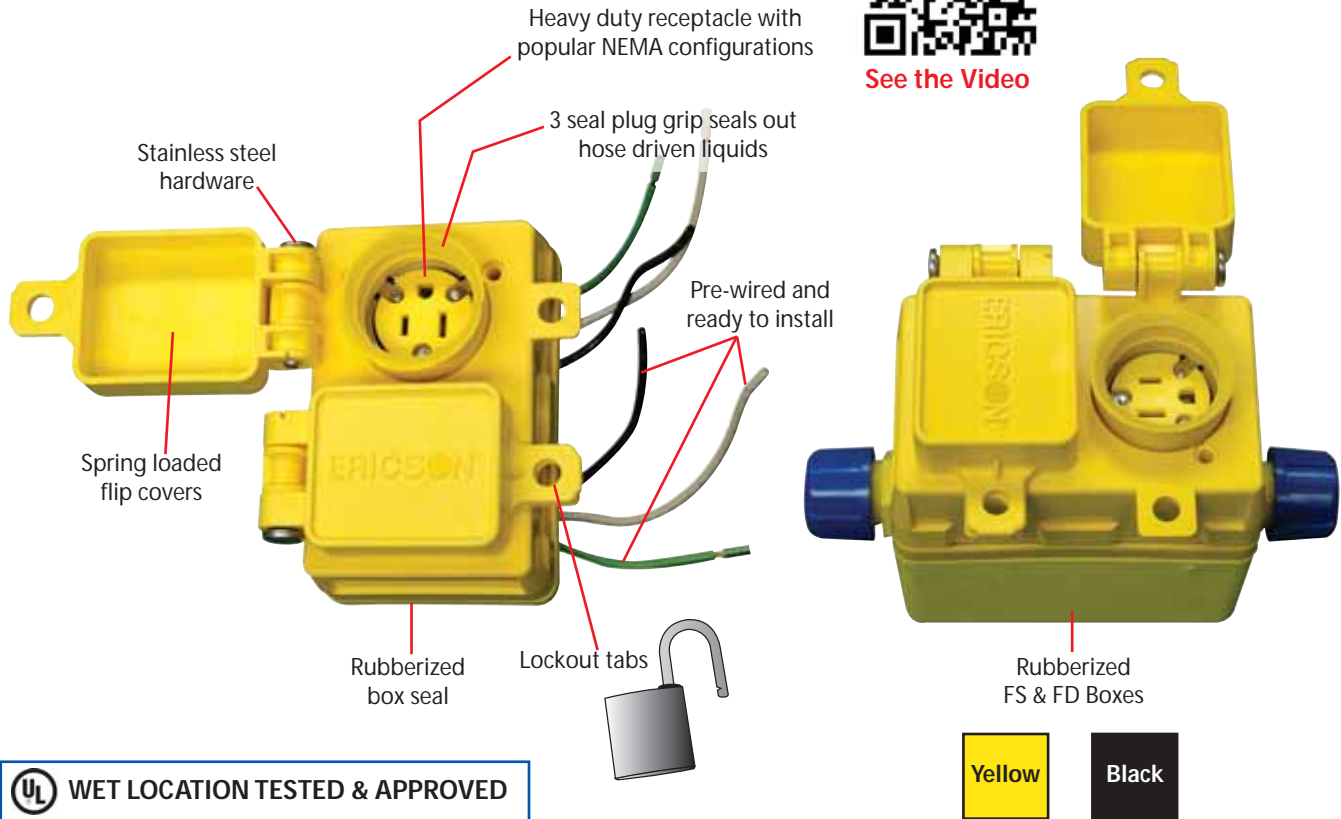
All Weather Heavy Duty Double Outlet Receptacle with Cover Plates - PWDX

- Weather resistant boot seals around plug to provide weather resistant protection*
- Spring-loaded flip-lid covers receptacle when not in use
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to 6200 series FS/FD boxes and any flat panel surface
- Also mounts to permanent FS boxes for outdoor power
- Spring loaded flip covers with SS hardware
- Lock out tabs

* Use Ericson Perma-Tite® 2 plugs for the ultimate in weather resistance



See the Video



UL WET LOCATION TESTED & APPROVED



GREAT FOR OUTDOOR POWER!

- Features**
- All weather/heavy duty
 - Spring loaded covers
 - 3 lip built-in seal
 - Hose down
 - Heavy duty receptacles
 - Lockout/tag out

- Applications**
- Food processing
 - Pendant cord ceiling drop power
 - Wall mounted outdoor power
 - Outdoor lighting landscape power
 - Venue landscape power
 - 3 Phase cordsets
 - Convention and trade show power taps

Mates with Ericson Perma-Tite®2 Series Plugs



For the Ultimate in Weather Proof Sealing



WIRING DEVICES

PWDX Series - Applications

The PWDX Series is designed for hanging pendant power where splash and hose-down are used. The PWDX spring-loaded flip covers are extra deep and internally sealed to guard against splash and hose directed liquids. The non-metallic design is perfect for food and liquid processing where metal and glass fragments are not acceptable. The non-metallic cord grip assembly (an Ericson Exclusive Feature), is tested to hold the PWDX assembly for years of worry free service.

- Single PWDX or Double Receptacle Assemblies
- Each connection covered with spring loaded flip cover
- SS spring and pin hinge assembly
- Great for outdoor or hose down areas
- Lockout/Tagout tabs on each receptacle
- Use wall mount kit to secure (sold separately)

Optional Wall Mount Kit



6260WK



6212NFS Box with 1610-PWDX "pendant non-metallic" style



6234WFS with 1610-PWDX pendant style



Double 1610-PWDX on 6234WFT enclosure

Power "Stringer" Application

The versatile PWDX assemblies can be used to build a superior outdoor rated power distribution "stringer" cordset. Use the "feed-thru" models to link the PWDX assemblies along cord for the ultimate in outdoor sealed power drops. Mate the Ericson Brand Perma-Tite2 plugs with the PWDX to get the highest level of dust, rain, hose, spray or snow/ice protection. Great for local carnivals and fairs where compliance is mandatory and non-metallic enclosures are dangerous or not allowed*.

- "Bathtub" enclosure design restricts water and rain entry
- Use for compliant power stringers
- Mate with Perma-Tite2 plugs for the ultimate in weather tight sealing

*The NEC restricts the use of metallic "job" boxes for use in temporary relocateable power cords. Only use non-metallic enclosures designed and tested to meet compliance.



6212 NFSF box with 1610-PWDX assembly

6234WFS with 1610-PWDX pendant style

Outdoor Landscape Power

Perfect for outdoor power taps at home, business or outdoor venues, the PWDX is designed to mate with any metallic FS box for a solid all-weather seal. Use the black versions for more discrete hiding of power taps. GFCI protection is recommended at the service panel with a GFCI circuit breaker to protect the service line, metal conduit /enclosure and PWDX receptacles.

- Perfect for holiday or street lighting in cities
- Much heavier duty than standard clear rain covers
- Mates will all standard metallic FS enclosures



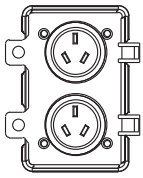
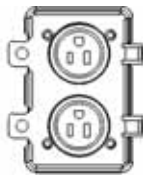
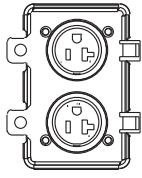
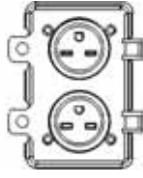
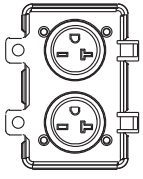
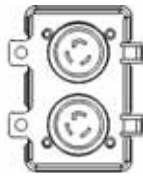
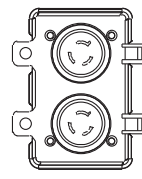
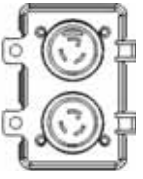
1610-PWDX on metallic FS










1610-PWDX-BLK on outdoor FS



6212FS mounted to rigid conduit with 1610-PWDX receptacles

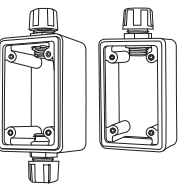
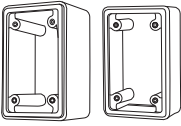
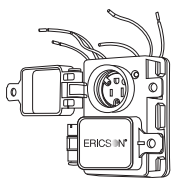
1607-PWDX 	1610-PWDX NEMA 5-15 	1612-PWDX NEMA 5-20 	1614-PWDX NEMA 
1616-PWDX NEMA 	1620-PWDX NEMA 	1622-PWDX NEMA 	1624-PWDX NEMA 

6212FS 	6234FD 	6234FT 	6234WFS 
6212NFS 	6212NFD 	6212NFT 	6210WFD 
6234NFS 	6234NFD 	6234NFT 	6234WFT 

(NM) Non Metallic Bushing Kits			Wire Mesh Grips	Wall/Post Mount Kit 6260WK
82005 - 1/2"	82034 - 3/4"	82010 - 1"		
 Kit			 82005W = 1/2" 82034W = 3/4" 82010W = 1"	



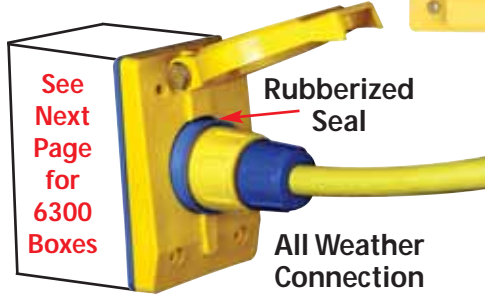
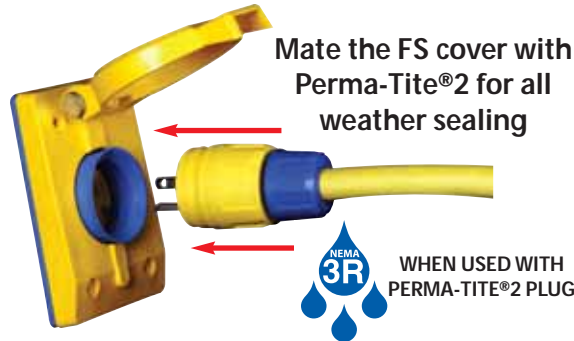
Part Number	Description	Color	Strain Relief	NEMA Config	Amps	Volts
PWDX Dual Receptacle & Cover Assembly/ Prewired						
Straight						
1607-PWDX						
1610-PWDX	Receptacle & Flip Cover, Duplex, All Weather, 5-15	Yellow	n/a	5-15	15	125
1612-PWDX	Receptacle & Flip Cover, Duplex, All Weather, 5-20	Yellow	n/a	5-20	20	125
1614-PWDX	Receptacle & Flip Cover, Duplex, All Weather, 6-15	Yellow	n/a	6-15	15	250
1616-PWDX	Receptacle & Flip Cover, Duplex, All Weather, 6-20	Yellow	n/a	6-20	20	250
1610-PWDX-BLK	Receptacle & Flip Cover, Duplex, All Weather, 5-15, Blk	Black	n/a	5-15	15	125
1612-PWDX-BLK	Receptacle & Flip Cover, Duplex, All Weather, 5-20, Blk	Black	n/a	5-20	20	125
Locking						
1620-PWDX	Receptacle & Flip Cover, Duplex, All Weather, L5-15	Yellow	n/a	L5-15	15	125
1622-PWDX	Receptacle & Flip Cover, Duplex, All Weather, L6-15	Yellow	n/a	L6-15	15	250
1624-PWDX	Receptacle & Flip Cover, Duplex, All Weather, L7-15	Yellow	n/a	L7-15	15	277
Boxes for PWDX - Punched - No Bushing Kit						
6212FS	Box, Std Depth, PWDX, No bushing, 1/2" NPT	Yellow				
6234FS	Box, Std Depth, PWDX, No bushing, 3/4" NPT	Yellow				
6210FS	Box, Std Depth, PWDX, No bushing, 1" NPT	Yellow				
6212FD	Box, Deep, PWDX, No bushing, 1/2" NPT	Yellow				
6234FD	Box, Deep, PWDX, No bushing, 3/4" NPT	Yellow				
6210FD	Box, Deep, PWDX, No bushing, 1" NPT	Yellow				
6212FT	Box, OPEN, PWDX, No bushing, 1/2" NPT	Yellow				
6234FT	Box, OPEN, PWDX, No bushing, 3/4" NPT	Yellow				
6210FT	Box, OPEN, PWDX, No bushing, 1" NPT	Yellow				
6212FSF	Box, Std Depth, PWDX, No Bushing, Feed thru, 1/2" NPT	Yellow				
6234FSF	Box, Std Depth, PWDX, No Bushing, Feed thru, 3/4" NPT	Yellow				
6210FSF	Box, Std Depth, PWDX, No Bushing, Feed thru, 1" NPT	Yellow				
6212DF	Box, Deep, PWDX, No Bushing, Feed thru, 1/2" NPT	Yellow				
6234DF	Box, Deep, PWDX, No Bushing, Feed thru, 3/4" NPT	Yellow				
6210DF	Box, Deep, PWDX, No Bushing, Feed thru, 1" NPT	Yellow				
6212FTF	Box, OPEN, PWDX, No Bushing, Feed thru, 1/2" NPT	Yellow				
6234FTF	Box, OPEN, PWDX, No Bushing, Feed thru, 3/4" NPT	Yellow				
6210FTF	Box, OPEN, PWDX, No Bushing, Feed thru, 1" NPT	Yellow				
ALL BLACK - add -BLK to part number for all black						
Boxes for PWDX - 1/2" NPT Bushing Installed (N = Non Metallic W = Wire Mesh)						
6212NFS	Box, Std Depth, PWDX, NM Bushing, 1/2" NPT	Yellow				
6212NFD	Box, Deep, PWDX, NM Bushing, 1/2" NPT	Yellow				
6212NFT	Box, OPEN, PWDX, NM Bushing, 1/2" NPT	Yellow				
6212NFSF	Box, Std Depth, PWDX, NM Bushing, Feed thru, 1/2" NPT	Yellow				
6212NFDF	Box, Deep, PWDX, NM Bushing, Feed thru, 1/2" NPT	Yellow				
6212NFTF	Box, OPEN, PWDX, NM Bushing, Feed thru, 1/2" NPT	Yellow				
6212WFS	Box, Std Depth, PWDX, WireMesh Bushing, 1/2" NPT	Yellow				
6212WFD	Box, Deep, PWDX, WireMesh Bushing, 1/2" NPT	Yellow				
6212WFT	Box, OPEN, PWDX, WireMesh Bushing, 1/2" NPT	Yellow				
6212WFSF	Box, Std Depth, PWDX, WireMesh Bushing, Feed thru, 1/2" NPT	Yellow				
6212WFDF	Box, Deep, PWDX, WireMesh Bushing, Feed thru, 1/2" NPT	Yellow				
6212WFTF	Box, OPEN, PWDX, WireMesh Bushing, Feed thru, 1/2" NPT	Yellow				
ALL BLACK - add -BLK to part number for all black						
Boxes for PWDX - 3/4" NPT Bushing Installed (N = Non Metallic W = Wire Mesh)						
6234NFS	Box, Std Depth, PWDX, NM Bushing, 3/4" NPT	Yellow				
6234NFD	Box, Deep, PWDX, NM Bushing, 3/4" NPT	Yellow				
6234NFT	Box, OPEN, PWDX, NM Bushing, 3/4" NPT	Yellow				
6234NFSF	Box, Std Depth, PWDX, NM Bushing, Feed thru, 3/4" NPT	Yellow				
6234NFDF	Box, Deep, PWDX, NM Bushing, Feed thru, 3/4" NPT	Yellow				
6234NFTF	Box, OPEN, PWDX, NM Bushing, Feed thru, 3/4" NPT	Yellow				
6234WFS	Box, Std Depth, PWDX, WireMesh Bushing, 3/4" NPT	Yellow				
6234WFD	Box, Deep, PWDX, WireMesh Bushing, 3/4" NPT	Yellow				
6234WFT	Box, OPEN, PWDX, WireMesh Bushing, 3/4" NPT	Yellow				
6234WFSF	Box, Std Depth, PWDX, WireMesh Bushing, Feed thru, 3/4" NPT	Yellow				
6234WFDF	Box, Deep, PWDX, WireMesh Bushing, Feed thru, 3/4" NPT	Yellow				
6234WFTF	Box, OPEN, PWDX, WireMesh Bushing, Feed thru, 3/4" NPT	Yellow				
ALL BLACK - add -BLK to part number for all black						
Boxes for PWDX - 1" NPT Bushing Installed (N = Non Metallic W = Wire Mesh)						
6210NFS	Box, Std Depth, PWDX, NM Bushing, 1" NPT	Yellow				
6210NFD	Box, Deep, PWDX, NM Bushing, 1" NPT	Yellow				
6210NFT	Box, OPEN, PWDX, NM Bushing, 1" NPT	Yellow				
6210NFSF	Box, Std Depth, PWDX, NM Bushing, Feed thru, 1" NPT	Yellow				
6210NFDF	Box, Deep, PWDX, NM Bushing, Feed thru, 1" NPT	Yellow				
6210NFTF	Box, OPEN, PWDX, NM Bushing, Feed thru, 1" NPT	Yellow				
6210WFS	Box, Std Depth, PWDX, WireMesh Bushing, 1" NPT	Yellow				
6210WFD	Box, Deep, PWDX, WireMesh Bushing, 1" NPT	Yellow				
6210WFT	Box, OPEN, PWDX, WireMesh Bushing, 1" NPT	Yellow				
6210WFSF	Box, Std Depth, PWDX, WireMesh Bushing, Feed thru, 1" NPT	Yellow				
6210WFDF	Box, Deep, PWDX, WireMesh Bushing, Feed thru, 1" NPT	Yellow				
6210WFTF	Box, OPEN, PWDX, WireMesh Bushing, Feed thru, 1" NPT	Yellow				
ALL BLACK - add -BLK to part number for all black						



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 Note: Products shown on this page may not be listed.

PERMA-TITE®2 Single Outlet Receptacle with Cover Plates - FS Series

- Weather resistant boot seals around Ericson Perma-Tite plug to provide weather resistant protection
- Spring-loaded flip-lid covers receptacle when not in use
- Includes cover plate, rubber boot, stainless steel mounting plate/mounting screws
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to any FS and FD boxes and any flat surface



- Also Available in:
- Green
 - Black
 - Sand



PERMA-TITE®2 Single Outlet Cover Plates - FS Series

Face View	NEMA Configuration	Electrical Ratings		FS Female Receptacle	2705 Male Inlet Std Opening	2705 Male Inlet Large Opening
		Amps	Volts			
15A Straight Blade & Locking 20A Straight Blade						
Flip Seal Cover w/ weatherproof boot only				2700-FS⁽¹⁾	1 1/16" Dia.	2" Dia.
	Non-NEMA	10/15 Amp	125/250 Volt	2715FS07		
	5-15	15 Amp	125 Volt	2715-FS10	2705-15	2705-15A
	5-20	20 Amp	125 Volt	2715-FS12	2705-20	2705-20A
	6-15	15 Amp	250 Volt	2715-FS14		
	6-20	20 Amp	250 Volt	2715-FS16		
	L5-15	15 Amp	125 Volt	2715-FS20	2705-L15	2705-L15A
	L6-15	15 Amp	250 Volt	2715-FS22		
	L7-15	15 Amp	277 Volt	2715-FS24		
20A & 30A Locking, 3-Wire						
Flip Seal Cover w/ weatherproof boot only				2800-FS⁽¹⁾	2 1/8" Dia.	
	L5-20	20 Amp	125 Volt	2820-FS10	2705-L20	
	L6-20	20 Amp	250 Volt	2820-FS12		
	L7-20	20 Amp	277 Volt	2820-FS14		
	Non-NEMA	20 Amp	125/250 Volt	2820-FS16		
	Non-NEMA	20 Amp/10 Amp	250 Volt/600 Volt	2820-FS17		
	L5-30	30 Amp	125 Volt	2830-FS10		
	L6-30	30 Amp	250 Volt	2830-FS12		
	L7-30	30 Amp	277 Volt	2830-FS14		
	Non-NEMA	30 Amp	125/250 Volt	2830-FS16		
20A & 30A Locking, 4-Wire						
Flip Seal Cover w/ weatherproof boot only				2900-FS⁽¹⁾	2 1/8" Dia.	
	L14-20	20 Amp	125/250 Volt	2920-FS20	2705-L142	
	L15-20	20 Amp	250 Volt, 3 ø	2920-FS22		
	L16-20	20 Amp	480 Volt, 3 ø	2920-FS24	2705-L162	
	L14-30	30 Amp	125/250 Volt	2930-FS20		
	L15-30	30 Amp	250 Volt, 3 ø	2930-FS22		
	L16-30	30 Amp	480 Volt, 3 ø	2930-FS24		
	L17-30	30 Amp	600 Volt, 3 ø	2930-FS26		
	L18-30	30 Amp	120/208 Volt, 3 ø wye	2930-FS30		
	Non-NEMA	30 Amp	120/208 Volt, 3 ø wye	2930-FS28		

NOTES:

1. Does not include receptacle. Use with standard receptacles of same electrical ratings.

Single Male Inlet Assemblies with Cover Plates - 2705 FS Series

- Weather resistant boot seals around the connector to provide weather resistant protection
- Spring-loaded flip-lid covers inlet when not in use
- Includes cover plate, rubber boot, stainless steel mounting plate/mounting screws
- Impact, chemical & corrosion resistant construction stands up to demanding environments
- Mounts easily to any 6300 series FS/FD boxes and any flat surface
- Spring Loaded SS hardware flip cover



Application Notes:

The 2705 series of male inlets is designed for all weather power inlet on a variety of applications. The heavy duty flip cover assembly and superior round sealing collar provides a superior seal against the elements. Use for inlet power only. Never use these devices for power output or receptacle. These devices must be wired dead and cannot be accidentally energized without a connector in place.

- Power inlet for powered food trolley carts
- Power inlet for machines in tough environments
- Power charging inlet for fire trucks, ambulances and electric service vehicles
- Power inlet for portable temporary power panels
- Power charging port for electric battery cars or golf carts



Also available in all black or customized - call Ericson for details



6300 Series Boxes for FS Series Mounting

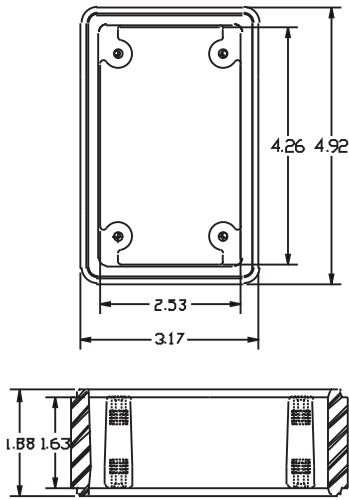
Part Number	Description	Color
6312FS	Box, Std Depth, 6300, No bushing, 1/2" NPT	Yellow
6334FS	Box, Std Depth, 6300, No bushing, 3/4" NPT	Yellow
6310FS	Box, Std Depth, 6300, No bushing, 1" NPT	Yellow
6312FD	Box, Deep, 6300, No bushing, 1/2" NPT	Yellow
6334FD	Box, Deep, 6300, No bushing, 3/4" NPT	Yellow
6310FD	Box, Deep, 6300, No bushing, 1" NPT	Yellow
** ALL BLACK: add -BLK to part number for all black		
Boxes for 2705 - 1/2" NPT Bushing Installed (N=Non Metallic W = Wire Mesh)		
6312NFS	Box, Std Depth, 6300, NM Bushing, 1/2" NPT	Yellow
6312NFD	Box, Deep, 6300, NM Bushing, 1/2" NPT	Yellow
6312WFS	Box, Std Depth, 6300, WireMesh Bushing, 1/2" NPT	Yellow
6312WFD	Box, Deep, 6300, WireMesh Bushing, 1/2" NPT	Yellow
Boxes for 2705 - 3/4" NPT Bushing Installed (N=Non Metallic W = Wire Mesh)		
6334NFS	Box, Std Depth, 6300, NM Bushing, 3/4" NPT	Yellow
6334NFD	Box, Deep, 6300, NM Bushing, 3/4" NPT	Yellow
6334WFS	Box, Std Depth, 6300, WireMesh Bushing, 3/4" NPT	Yellow
6334WFD	Box, Deep, 6300, WireMesh Bushing, 3/4" NPT	Yellow
Boxes for 2705 - 1" NPT Bushing Installed (N=Non Metallic W = Wire Mesh)		
6310NFS	Box, Std Depth, 6300, NM Bushing, 1" NPT	Yellow
6310NFD	Box, Deep, 6300, NM Bushing, 1" NPT	Yellow
6310NFT	Box, OPEN, 6300, NM Bushing, 1" NPT	Yellow
6310WFS	Box, Std Depth, 6300, WireMesh Bushing, 1" NPT	Yellow
6310WFD	Box, Deep, 6300, WireMesh Bushing, 1" NPT	Yellow
6310WFT	Box, OPEN, 6300, WireMesh Bushing, 1" NPT	Yellow
** ALL BLACK: add -BLK to part number for all black		

(NM) Non Metallic Bushing Kits			Wire Mesh Grips	Wall/Post Mount Kit 6260 WK
82005 - 1/2"	82034 - 3/4"	82010 - 1"		
<p>Kit</p>			<p>82005W = 1/2" 82034W = 3/4" 82010W = 1"</p>	<p>Fits 6300 Series Boxes</p>

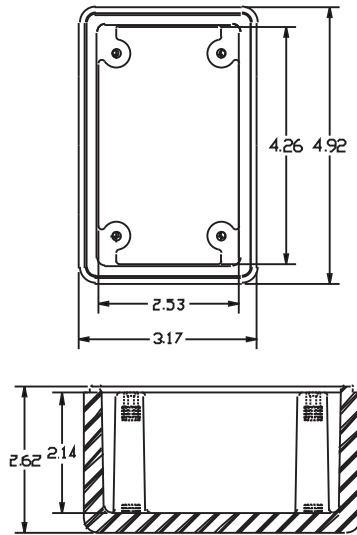


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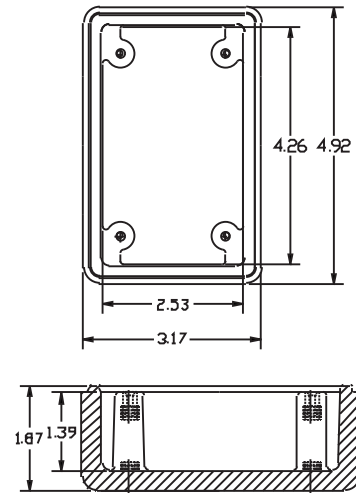
FT Feed Thru Box



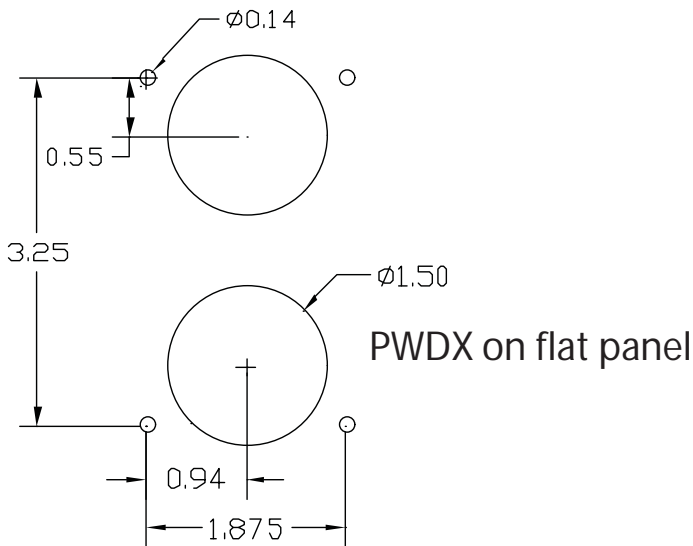
FD Deep Box



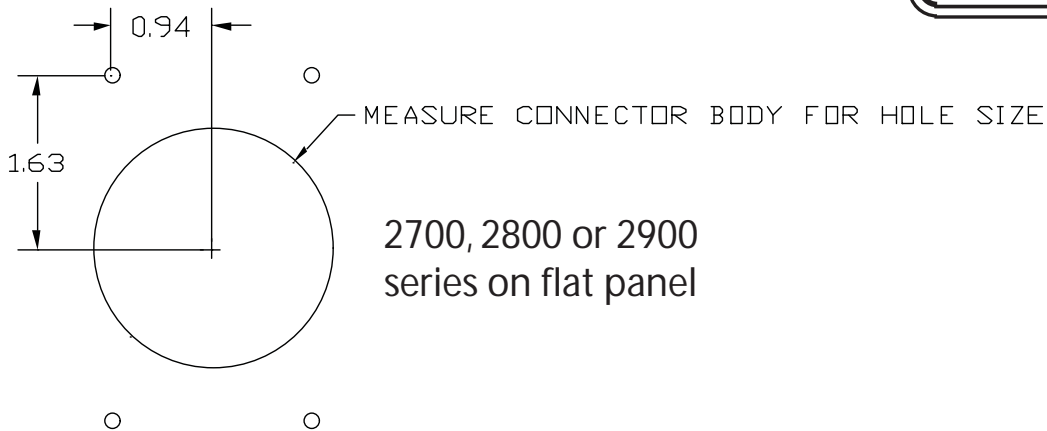
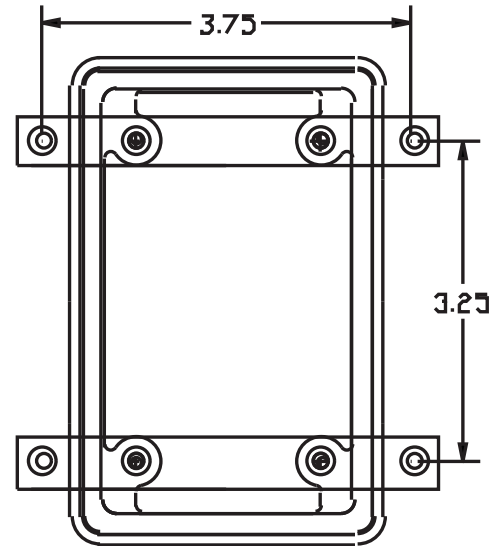
FS Standard Box



Mounting Templates



6260 WK Wall Kit





NEMA Configuration Adapters

Now make quick, secure connections between straight-blade and locking plugs and connectors with Ericson's NEMA configuration adapters.

- Heavy-duty non-conducting housing and using heavy gauge solid brass blades
- Compact size makes them easy to use and transport
- Available in four of the most popular models

NEMA Configuration Adapters Selection Guide



Catalog Number	NEMA Configuration		Description
	Male	Female	
1705			Male 15A, 125V twist (L5-15P) to 20A, 125V straight (5-20R)
1712			Male 15A, 125V straight (5-15P) to 15A, 125V twist (L5-15R)
1740			Male 20A, 125V twist (L5-20P) to 20A, 125V straight (5-20R)
1744			Male 15A, 125V straight (5-15P) to 20A, 125V twist (L5-20R)
123-20P15C			Male 20A, 125V twist (L5-20P) to 15A, 125V straight (5-15R)
123-15P20C			Male 15A, 125V straight (5-15P) to 20A, 125V twist (L5-20R)

PERMA-TITE® 2 Plug Cover

- Use with Ericson's Perma-Tite® plugs to seal out water, dust and other contaminants and to protect blades from damage when plug is not in-use
- Eight-point rubber tongue and groove sealing system provides environmental protection
- Additional protection provided by a unique internal water/dust wiper
- Easy to assemble
- Ericson's Radiant Yellow for High Visibility on job sites



15PW with 1510-PW6P Plug

PERMA-TITE® 2 Plug Cover Selection Guide

Catalog Number	Description
15PW	Male closure cap, for use with 15A Straight Blade & Locking devices and 20A Straight Blade devices.
16CW	Female replacement cover for CW6P connectors
24CW	Female Large replacement cover for CW6P connectors
26CW	Female 30 Amp Large replacement cover for CW6P connectors



16CW - Fits 16XXCW6P Connectors



24CW - Fits 24XXCW6P Connectors
26CW - Fits 26XXCW6P Connectors



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Hospital Grade Perma-Link® Plugs and Connectors

The same rugged internal construction as our standard Perma-Link line is found in these units, and in addition they meet UL Hospital Grade standards. Designed for reliable long life, built to withstand exceptional abuse, these dead-front, back-wired devices save installation time, provide maximum protection and can be used for straight blade installations in hospitals, schools, and extended care facilities. Constructed of rugged polybutylene terephthalate (PBT) and a high-tech thermoplastic elastomer (TPE), they have passed tests for ground pin retention, ground resistance, face impact, ground temperature contact, fault current, line blade retention and abrupt removal.

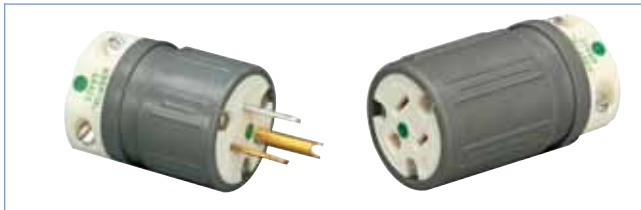
INSULATED/INSTITUTION GRAY RUBBER COVER

White and light "institution" gray colors identify this style which provides superior insulation. They are clearly marked "Hospital Grade" and clearly marked with a green dot to signify UL Hospital Grade. Non-conductive cord clamp to accommodate cord sizes #16/3 SJ through #12/3 SO.

FAST WIRING CHECK THROUGH CLEAR COVER

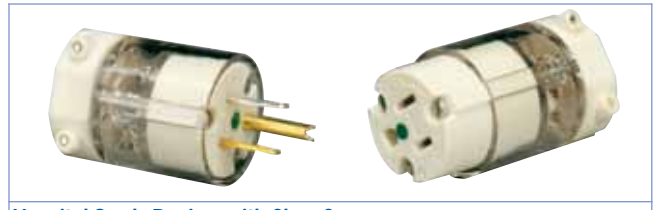
White PBT and transparent polycarbonate housing identify this type which permits visual inspection of wiring terminations without disassembly. Impact resistance, and non-conductive. Cord clamp has removable insert to accommodate #16/3 SJTW through #12/3 SO cord sizes.

PERMA-LINK® Hospital Grade Selection Guide



Hospital Grade Devices with Gray Covers

Face View	NEMA Configuration	Electrical Ratings		Perma-Link	
		Amps	Volts	Plugs	Connectors
	5-15	15	125	1530-PH	1630-CH
	5-20	20	125	1532-PH	1632-CH



Hospital Grade Devices with Clear Covers
Straight Blade, 2-pole, 3-wire Grounding

Face View	NEMA Configuration	Electrical Ratings		Perma-Link	
		Amps	Volts	Plugs	Connectors
	5-15	15	125	1530-PHC	1630-CHC
	5-20	20	125	1532-PHC	1632-CHC

EML520R & EML630R

Ericson offers our same heavy duty receptacles that we use in our own Temporary Power Panels. These wiring devices are primarily used in our OSCAR series and can be used as replacement parts for those products. Features such as color coded screw terminals with combo heads for ease of wiring makes these superior devices the best choice.



L6-30

EML630R



L5-20

EML520R

PERMA-LINK® 50Amp Locking Plugs and Connectors

Ericson's 50 Amp plugs and connectors incorporate the latest technologies to provide wiring devices that are safer, faster to wire, lighter and easier to identify. These devices are available as plugs, connectors, inlets and receptacles and are available in 3 and 4 wire configurations.



- UL Listed, CSA Certified, CETLUS Listed
- Rugged nylon construction resists impact, corrosion and jobsite oils/chemicals
- Quick field assembly, no need to disassemble the entire device
- Nickel plated blades and stainless steel screws provide optimum corrosion resistance
- Optional heavy-duty weather-proof boots are available and provide added environmental protection and UV resistance
- Boots can be threaded together with the optional sealing collar system to provide maximum environmental protection
- Available in plugs, connectors, inlets and receptacles

50-Amp Devices Selection Guide



Face View	NEMA	Electrical Ratings		Perma-Link®		Receptacles	Flanged Inlets	Inlet with Flip Cover
	Configuration	Amps	Volts	Plugs	Connectors			
Locking, 2-pole, 3-wire Grounding								
	Non-NEMA	50	250VDC, 600VAC	3763-P	3762-C	3771	3777	
Locking, 3-pole, 4-wire Grounding								
	Non-NEMA	50	250VDC, 600VAC	3765-P	3764-C	3769	3775	
			250VDC, 600VAC	7765-P(1)	7764-C(1)	7379	7958	
Locking, California Style, 2-pole, 3-wire Grounding								
	Non-NEMA	50	250	CS8265-P	CS8264-C	CS8269	CS8275	
			480	CS8465-P	CS8464-C	CS8469	CS8475	
Locking, California Style, 3-pole, 4-wire Grounding								
	Non-NEMA	50	125/250	CS6365-P	CS6364-C	CS6369	CS6375	CS6375-F
			250, 3Ø	CS8365-P	CS8364-C	CS8369	CS8375	
			480, 3Ø	CS8165-P	CS8164-C	CS8169	CS8175	

Notes:

1. For replacement use only, not recommended for new installations
2. Contact factory for custom assemblies

Plug into Oscar™

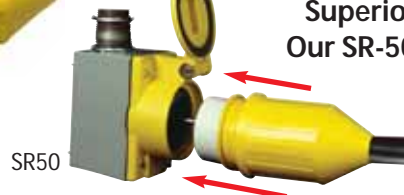
Perma-Link® 50-Amp Accessories	Cat. Number
Weatherproof boot for plug or connector	7717
Sealing Collar for weatherproof boots	510-RR
Weatherproof receptacle cover	7788-CR



7788-CR



7717 Provides A Superior Seal With Our SR-50 Receptacle



Sealing Collar System

Our exclusive sealing collar system is available to provide maximum moisture protection between cordsets. The two boots are securely sealed together with threaded polycarbonate rings.



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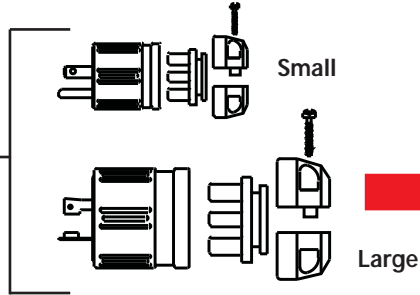
Commercial Grade



Commercial Grade

Insert Used	Cord Diameter
Both	Less than .220 - .450"
None	Over .460 - .650"

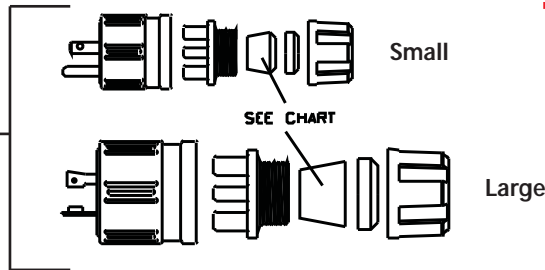
PERMA-LINK®



PERMA-LINK® Devices

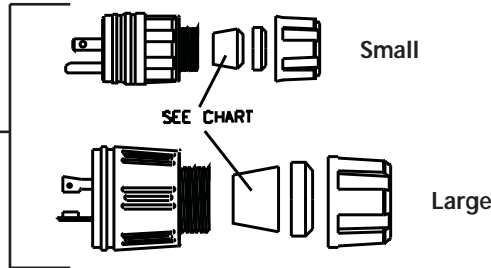
Self centering cord clamp accommodates cord diameters	
Small	.335 - .720"
Med/Large	.360 - 1.0"

PERMA-GRIP™



For Grommet Sizing

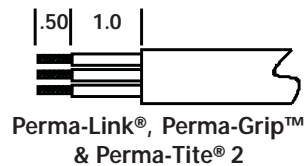
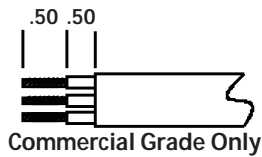
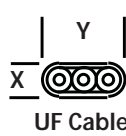
PERMA-TITE® 2




See Chart Next Page

Strip Lengths

Dimensions in inches
Round Cord Only



Grommet Sizes

		B10200XX						B10220XX									
		Sm White OVAL # 24	Sm Orange OVAL # 25	Sm Yellow # 21	Sm White # 20	Sm Red # 16	Sm Blue # 18	Lg White # 91	Lg Yellow # 90	Lg Black # 89	Lg Blue # 88	Lg Gray # 87	Lg Red # 86	Lg Orange # 85			
MAX CORD DIA. (inch) 		OVAL (UF) .160 x .360	OVAL (UF) .230 x .440	0.370	0.450	0.560	0.610	0.450	0.560	0.630	0.690	0.750	0.830	0.900	WIRE		
	Plug	Connector		Yellow	White*	Red	Blue	White*	Yellow	Black	Blue	Gray	Red	Orange	3	4	3Ø
1510	1610	✓ Optional **	✓ Optional **	✓	✓	✓	✓							X			
1512	1612			✓	✓	✓	✓								X		
1514	1614			✓	✓	✓	✓								X		
1516	1616			✓	✓	✓	✓								X		
1520	1620			✓	✓	✓	✓								X		
1522	1622			✓	✓	✓	✓								X		
1524	1624			✓	✓	✓	✓								X		
2310	2410							✓	✓	✓	✓			X			
2312	2412							✓	✓	✓	✓			X			
2314	2414							✓	✓	✓	✓			X			
2316	2416							✓	✓	✓	✓			X		X	
2317	2417							✓	✓	✓	✓			X			
2320	2420								✓	✓	✓	✓			X		
2322	2422								✓	✓	✓	✓			X	X	
2324	2424								✓	✓	✓	✓			X	X	
2510	2610							✓	✓	✓	✓			X			
2512	2612							✓	✓	✓	✓			X			
2514	2614							✓	✓	✓	✓			X			
2516	2616							✓	✓	✓	✓			X		X	
2520	2620										✓	✓	✓		X		
2522	2622										✓	✓	✓		X	X	
2524	2624										✓	✓	✓		X	X	
2526	2626										✓	✓	✓		X	X	
2528	2628										✓	✓	✓		X	X	
2530	2630										✓	✓	✓		X	X	

* May also appear as light tan

** May be ordered separately - Call Ericson for details

✓ = Included in package

Diameter Ranges of Portable Electrical Cord In Accordance with UL 62

Type	AWG Size	2 Conductors	3 Conductors	4 Conductors
SJ, SJE, SJOO, SJO, SJEO, SJT, SJTO, SJTOO	18	0.280-0.315	0.300-0.335	0.325-0.365
	16	0.305-0.340	0.325-0.360	0.350-0.395
	14	0.335-0.375	0.360-0.395	0.390-0.435
	12	0.405-0.455	0.425-0.475	0.465-0.520
	10	0.540-0.605	0.565-0.635	0.625-0.700
S, SE, SOO, SO, SEO, ST, STOO, STO	18	0.340-0.385	0.360-0.400	0.385-0.430
	16	0.365-0.410	0.385-0.430	0.410-0.460
	14	0.495-0.550	0.520-0.575	0.560-0.620
	12	0.565-0.625	0.590-0.655	0.640-0.710
	10	0.615-0.685	0.650-0.720	0.700-0.775
	8	0.780-0.880	0.830-0.930	0.925-1.050
	6	0.920-1.050	0.970-1.100	1.050-1.200
	4	1.060-1.210	1.130-1.280	1.250-1.450
2	1.210-1.400	1.300-1.500	1.450-1.650	



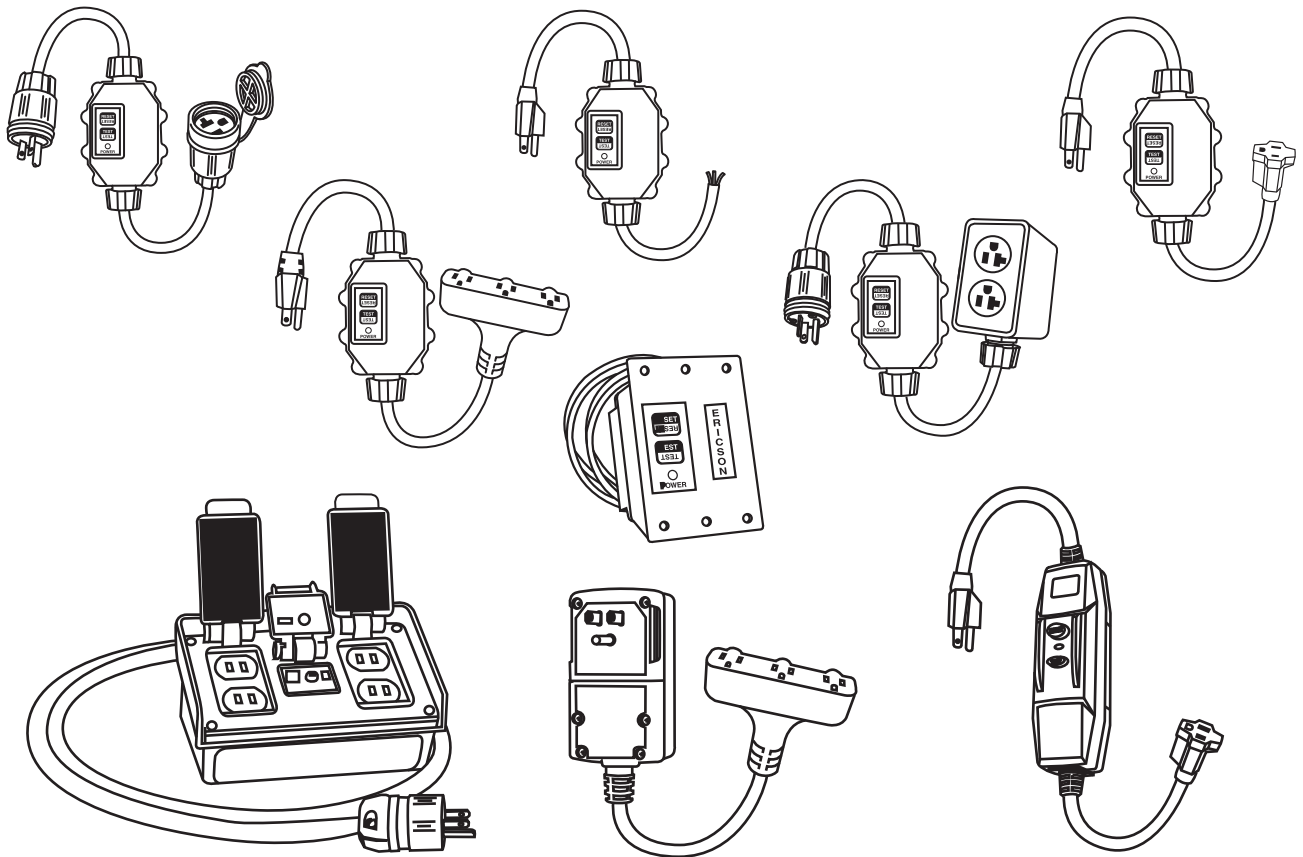
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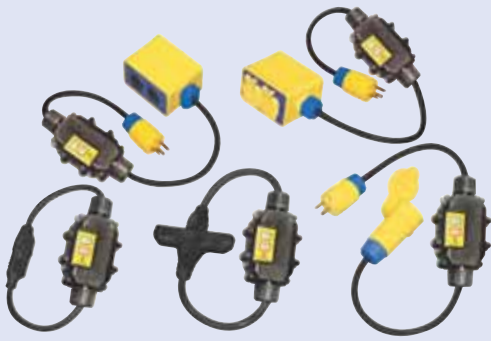
**Our GFCIs
LOVE To Play
In The Mud!**



24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)



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YG2 Series - Inline GFCI

- Heavy duty, industrial, portable GFCI - sealed base
- Indoor/outdoor use: superior design provides increased resistance to impact, heat, UV exposure, and is water tight
- New and improved TEST and RESET buttons are easier to operate and provide enhanced tactile feel and audible feedback
- Redesigned circuit conforms to the *NEW*UL 943 standard for safety governing GFCIs
 - Corrosion test ensures greater immunity to damp, corrosive environments
- Many configurations to choose from

1075 Panel Mount GFCI



- UL & cUL recognized to UL943 - 2003
- Quick and easy field installation into temporary panels and workboxes
- Compact & portable, this unit is easy to use, store and transport
- NEMA 3R rain rated face
- Meets NEC & OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- Manual & automatic power-up models available
- Test and Reset Buttons are clearly marked for easy identification and each is protected from accidental activation

1060 Series Multiple Outlet GFCI



- Polycarbonate, Impact resistant enclosure retains its properties under the most extreme environmental conditions
- Unit comes standard with extra hard usage #12/3 SEO cable
- Meets OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- Manual & automatic power-up
- High intensity NEON indicator lamp glows bright when power is on for easy identification of power status

Generator GFCI Cordsets



- Rubberized Box eliminates "hot" un-grounded dangerous metal quad boxes
- Heavy Duty Perma-Link™ Plug with rubberized body and nickel plated blades
- Heavy Duty cord for long service life
- GFCI Protection - GFCI 5-20 Duplexes protecting 5-20 duplex receptacles
- Heavy Duty cord strain relief at box stands up to rough duty
- 2, 25, 50 and 100 ft cord lengths keeps generator noise away from work area

Protector Series GFCI - Inline & Plug Style



New from Ericson, the Protector Series of GFCI products offer the flexibility of pre-made corded models or customer wired units without cord. The Protector Series is the latest in GFCI protection technology with under 25mS trip release and reduced nuisance tripping with NOISEGARD technology. Each Protector comes with 3 grommet sizes for cord #16/3, 14/3 or 12/3 SJT cord installation. Large wiring pocket and color coded screw terminals make wiring a snap. The seal around the removable covers keep out rain and dirt on the jobsite. Power on indicator shows protected power is ready for your use.

Looking for the best GFCI in the industry? Look at the Ericson XG2 line of GFCIs for your job needs. Tough, fully sealed, NEMA 6P submersible GFCI body with all-weather pushbuttons makes this GFCI the right choice. Many options to order for your particular needs and environments. Customizable with many options to suit.

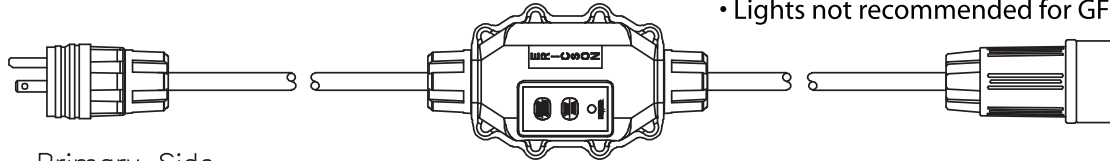
XG2 Customizing

BODY

- Custom stamped
- Color

Secondary Side

- Cord length (some restrictions apply)
- Connector or Box
- Lights not recommended for GFCI circuits



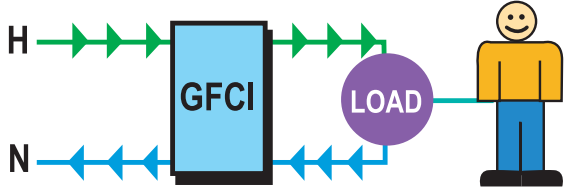
Primary Side

- Plug type
- Cord Lengths over 1 ft. art not available
- Plug color

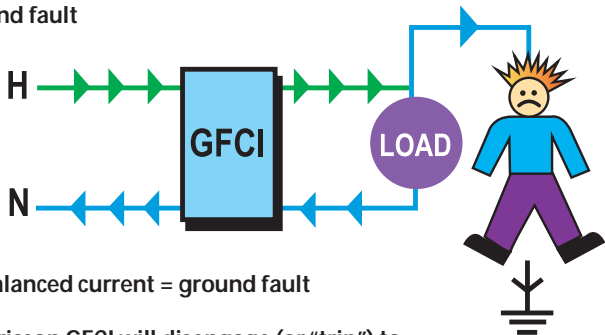


How a Ground Fault Circuit Interrupter (GFCI) works...

A GFCI is a fast acting circuit opening or breaking device that stops the flow of dangerous current in the event of electrical shock. The GFCI uses precise electronic circuitry to sense the imbalance of the load from the hot and neutral lines. In other words, the GFCI monitors the current flow leaving and coming on both the hot and neutral lines of the circuit. In the event of an imbalance, the GFCI immediately releases the holding relay and breaks both the hot and neutral lines simultaneously thereby stopping the current flow and preventing human injury. The GFCI is not a circuit breaker in that it does not sense the overall load and disconnect in the event of full or excess balanced current flow. The imbalance in current flow can be very small to "trip" a GFCI. Whenever the current flow "going" and "returning" differs more than 5 mA (+/- 1 mA), the GFCI opens the relay stopping the current flow.



Normal balanced current
No ground fault



Imbalanced current = ground fault

An Ericson GFCI will disengage (or "trip") to stop all current flow eliminating this hazard

Beware of "Open Neutrals" and "Reverse Phasing"...

Normally, GFCI receptacles (like those found in your bathroom) can sense ground-faults. However, if the line-side neutral conductor is opened or lifted at a panel, the circuitry in the GFCI receptacles will not have the necessary complete circuit path from which to operate. That means that GFCI is no longer capable of sensing and disengaging. This is called an "open neutral." Anyone using the receptacles protected by the disabled GFCI will not have GFCI protection. And if a faulted tool is connected to the now-unprotected receptacle, the user will be exposed to a shock or electrocution hazard.

Agency Safety Testing (UL) for Portable Temporary GFCIs and Residential GFCIs is different...

UL 943 is the test standard for GFCIs. However, there is a difference in the requirements for temporary Jobsite GFCIs and the standard residential duplex wall mounted GFCI receptacle. These duplex receptacles are not designed for temporary jobsite power and personnel protection under OSHA, NEC or Canadian C22.2 safety workplace rules. The

residential GFCI duplex can still operate with an open neutral condition due to the unlikely condition that the neutral line in a residential permanently wired home will not be loose or removed at the panel. The likelihood of a temporary panel on a jobsite having an incomplete neutral system is more likely and therefore jobsite portable GFCIs need to be able to handle reverse wiring and open neutral conditions.

SAFE CURRENT VALUES

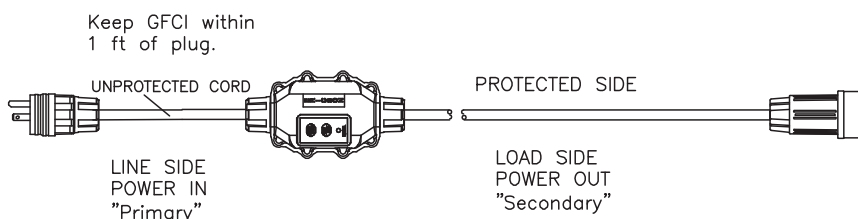
Milliamperes - 1 or less	Effect on Average Human
1 to 8	Causes no sensation - not felt, is at threshold of perception.
1 to 8	Sensation of shock. Not painful. Individual can let go at will, as muscular control is not lost. (5mA is accepted as maximum harmless current intensity.)

UNSAFE CURRENT VALUES

Milliamperes - 8 to 15	Effect on Average Human
16 to 20	Painful shock. Individual can let go at will, as muscular control is not lost.
21 to 99	Painful. Severe muscular contractions. Breathing is difficult.
100 to 200	Ventricular fibrillation. (A heart condition that may result) Disrupts or changes rhythm of the heart.
200 & over	Severe burns. Severe muscular contractions - so severe that chest muscles clamp heart and stop it during duration of shock. (This prevents ventricular fibrillation.)

Where and How to properly use a GFCI...

GFCIs only sense an imbalance on the load side of the circuit. If the imbalance or path to ground occurs BEFORE the GFCI, then the sensing circuit will not release the relay stopping the current. Because of this fact, you should always place the GFCI as close as possible to the voltage source. Ericson encourages the placement of any GFCI on a cordset to within 1 foot of the primary power plug. This way, there is little cord exposed to damage and not being sensed by the GFCI.



OSHA and the NEC call for the use of GFCIs in all 125 volt 15,20 and 30 amp circuits. Consult your local safety codes for additional GFCI use regulations.

What is the difference between AUTO and MANUAL GFCIs?

The GFCI terms "auto" and "manual" have been in the electrical industry for years. These simple terms refer to the operation of the GFCI when first plugged into a voltage source. These terms have nothing to do with the "tripping and subsequent resetting" of the GFCI. Separate the two main events for a GFCI: (1) Power up mode and (2) Trip and Reset Mode. Power up mode is the condition of the GFCI after being plugged into a correct voltage source.

AUTO - The "auto" GFCI will immediately energize the relay and allow protected voltage to be available at the "load" side of the GFCI. The GFCI has automatically powered up and is ready for use without the assistance of the human pressing any buttons. Think plug-n-play.

MANUAL - On the "manual" GFCI, the RESET button has a dual role in functionality. ⁽¹⁾Powering up the unit and ⁽²⁾resetting after a fault. The "manual" GFCI operates slightly different in that it requires the human to press the "RESET" (which is operating as a power up button on this unit) so the GFCI can close the relay and operate as required.

RESET - After a "trip" situation, both styles of GFCI require the pressing of the reset button to re-start the GFCI. **CAUTION:** Only reset a GFCI after an investigation as to the fault cause has been identified and repaired. GFCIs cannot, nor are ever designed to reset themselves automatically.



Metal Gang Box Danger

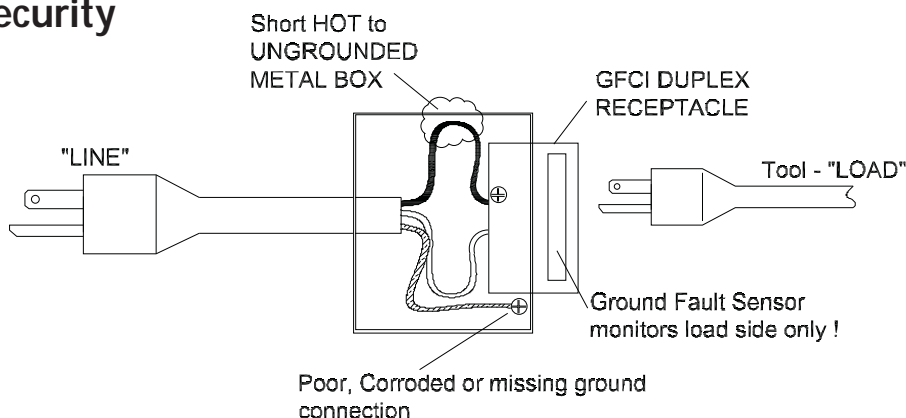
The "traditional" metal gang box on the end of a cord has been a danger for many years.

There are several reasons for the danger:

- Metal boxes are designed for permanently wired installations, not portable temp power.
- No weatherproofing except for outdoor location FS types.
- HOT box danger. (See below)
- Hand Hazard with sharp edges

The GFCI False Sense of Security

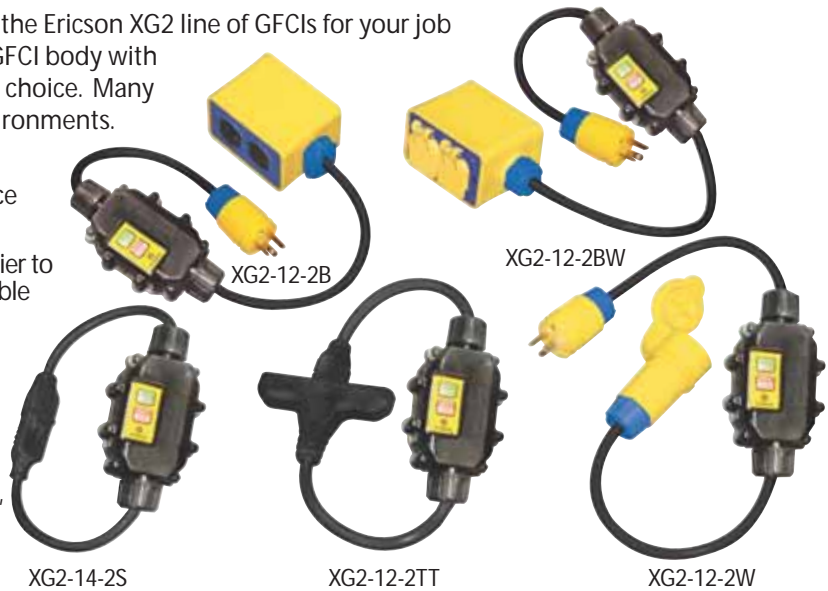
As the diagram shows, the metal gang box can have a common situation in which the earth ground is poor or not connected. There can be a hot short to the metal box in which you now have a "hot" box. The short will not trip the circuit breaker nor will the GFCI trip. The GFCI sensor only watches the "load" side of the receptacle, not the line side. The GFCI is worthless in this situation.



XG2 Series In-Line GFCI

Looking for the best GFCI in the industry? Look at the Ericson XG2 line of GFCIs for your job needs. Tough, fully sealed, NEMA 6P submersible GFCI body with all-weather pushbuttons makes this GFCI the right choice. Many options to order for your particular needs and environments. Customizable with many options to suit.

- Indoor/outdoor use: provides increased resistance to impact, heat, UV exposure, and is water tight
- New and improved TEST and RESET buttons are easier to operate and provide enhanced tactile feel and audible feedback
- Redesigned circuit conforms to the *NEW* UL 943 standard for safety governing GFCIs:
 - A more stringent voltage surge test ensures the GFCI can handle higher surge current
 - Corrosion test ensures greater immunity to damp, corrosive environments
 - Enhanced immunity to conducted radio frequency noise reduces nuisance trips.



Meets NEC & OSHA construction site requirements

Compact & portable, this unit is easy to use, store & transport.

Automatic & manual power-up models are available.

Available with factory-wired & molded-on devices.

High intensity neon lamp glows bright when power is on for easy identification of power status.

Engineered strain relief protects cord from excessive bending & pulling.

NEMA TYPE 6P

polycarbonate enclosure is corrosion, impact, UV and water tight.

Test & Reset buttons clearly marked for easy identification & recessed to prevent accidental activation.

Oversized test & reset buttons are easier to operate and provide enhanced tactile feel & audible feedback.

A wide variety of outlets are available; from molded-on single connector & Tri-Tap™ to Perma-Tite® devices & Ericson outlet boxes.

Works on two-wire or three-wire circuits.

- Available in 15A & 20A models.
- **Up to 1.5 horse-power switch rating**

Model XG2-12-2BW shown

NEMA TYPE 4X & 6P Enclosure:

- Excels in demanding outdoor & in-plant environments
- Provides added protection against ground fault shock hazards in high-risk areas
- Resists hose-directed water



Assembled in the USA

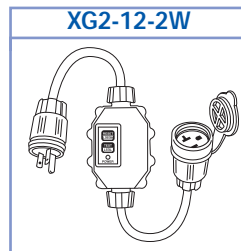
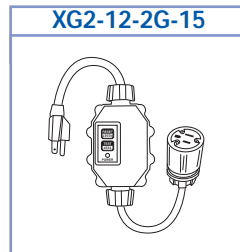
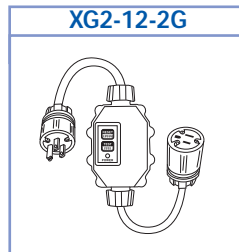
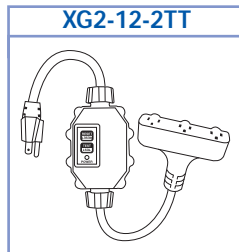
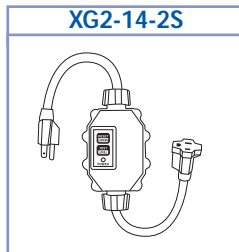
NEMA TYPE 4X & 6P GFCI Enclosure

Custom configurations are available for your jobsite or OEM applications. Contact your nearest representative or the factory today!

YG2 Series Selection Guide

Cat. Number	POWER UP TYPE	LENGTH	PLUG	CONNECTOR	AMPS	WATTS
With Molded-On Plug & Connector						
XG2-14-2S	AUTO	2	MLD 5-15	MLD 5-15	15	1875
XG2-14-25S		25		MLD 5-15		
XG2-12-2TT		2		MLD 5-15 TRI		
XG2-12-50TT		50		MLD 5-15 TRI		
With Factory-Wired Perma-Grip™ Plug & Connector or Molded Plug						
XG2-12-2G	AUTO	2	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-2G-15	AUTO	2	MLD 5-15	5-15 1610-CG	15	1875
XG2-12-2G-MR-15	MANUAL	2	MLD 5-15	5-15 1610-CG	15	1875
XG2-12-2G-LKG	AUTO	2	5-20 2310-PG	5-20 2410-CG	20	2500
XG2-12-2G-MR-LKG	MANUAL	2	5-20 2310-PG	5-20 2410-CG	20	2500
XG2-12-2G-MR	MANUAL	2	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-10G	AUTO	10	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-10G-MR	MANUAL	10	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-25G	AUTO	25	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-25G-15	AUTO	25	MLD 5-15	5-15 1610-CG	15	1875
XG2-12-25G-MR-15	MANUAL	25	MLD 5-15	5-15 1610-CG	15	1875
XG2-12-25G-LKG	AUTO	25	5-20 2310-PG	5-20 2410-CG	20	2500
XG2-12-25G-MR-LKG	MANUAL	25	5-20 2310-PG	5-20 2410-CG	20	2500
XG2-12-25G-MR	MANUAL	25	5-20 1512-PG	5-20 1612-CG	20	2500
XG2-12-50G	AUTO	50	5-20 1512-PG	5-20 1612-CG	20	2500
With Factory-Wired Perma-Tite® Plug & Connector						
XG2-12-2W	AUTO	2	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-2W-15	AUTO	2	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-2W-MR-15	MANUAL	2	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-2W-LKG	AUTO	2	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-2W-MR-LKG	MANUAL	2	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-2W-MR	MANUAL	2	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-10W	AUTO	10	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-10W-MR	MANUAL	10	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-10W-MR-15	MANUAL	10	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-10W-LKG	AUTO	10	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-10W-MR-LKG	MANUAL	10	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-25W	AUTO	25	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-25W-15	AUTO	25	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-25W-MR-15	MANUAL	25	5-15 1510-PW6P	5-15 1610-CW6P	15	1875
XG2-12-25W-LKG	AUTO	25	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-25W-MR-LKG	MANUAL	25	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-25W-MR	MANUAL	25	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-50W	AUTO	50	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-50W-MR	MANUAL	50	5-20 1512-PW6P	5-20 1612-CW6P	20	2500
XG2-12-50W-LKG	AUTO	50	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500
XG2-12-50W-MR-LKG	MANUAL	50	L5-20 2310-PW6P	L5-20 2410-CW6P	20	2500

Foot Note: 1. All cord is SJT. 2. All product is rated 120 volts.



6P
SUBMERSIBLE

**All "W" Models
Have Perma-Tite®
Water Tight
Plugs & Connectors**



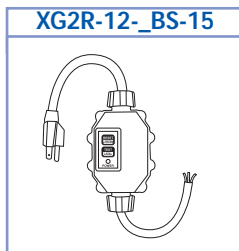
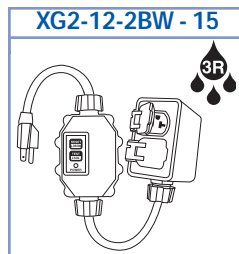
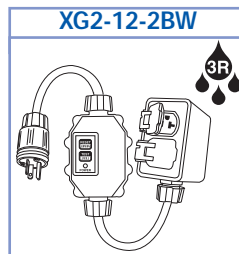
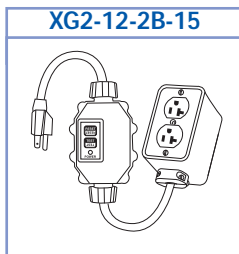
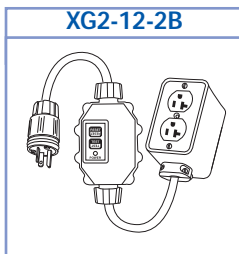
MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

YG2 Series Selection Guide

Cat. Number	POWER UP TYPE	LENGTH	PLUG	CONNECTOR	AMPS	WATTS
With Molded-On Plug & Connector						
With Factory-Wired 6000 Box, Two Duplex Receptacles & Perma-Grip™ Plug or Molded Plug						
YG2-12-2B	AUTO	2	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
YG2-12-2B-15	AUTO	2	5-15 1510-PG	(2) 5-15 DUPLX	15	1875
YG2-12-2B-MR-15	MANUAL	2	MLD 5-15	(2) 5-15 DUPLX	15	1875
YG2-12-2B-MR	MANUAL	2	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
YG2-12-10B	AUTO	10	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
YG2-12-10B-MR	MANUAL	10	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
YG2-12-25B	AUTO	25	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
YG2-12-25B-15	AUTO	25	MLD 5-15	(2) 5-15 DUPLX	15	1875
YG2-12-25B-MR-15	MANUAL	25	MLD 5-15	(2) 5-15 DUPLX	15	1875
YG2-12-25B-MR	MANUAL	25	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
YG2-12-50B	AUTO	50	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
YG2-12-50B-MR	MANUAL	50	5-20 1512-PG	(2) 5-20 DUPLX	20	2500
YG2-12-50B-15	AUTO	50	MLD 5-15	(2) 5-15 DUPLX	15	1875
YG2-12-50B-MR-15	MANUAL	50	MLD 5-15	(2) 5-15 DUPLX	15	1875
With Factory-Wired 6100 Box, Two Duplex Receptacles & Perma-Tite® Plug						
YG2-12-2BW	AUTO	2	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
YG2-12-2BW-15	AUTO	2	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
YG2-12-2BW-MR-15	MANUAL	2	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
YG2-12-2BW-MR	MANUAL	2	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
YG2-12-10BW	AUTO	10	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
YG2-12-10BW-MR	MANUAL	10	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
YG2-12-25BW	AUTO	25	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
YG2-12-25BW-15	AUTO	25	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
YG2-12-25BW-MR-15	MANUAL	25	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
YG2-12-25BW-MR	MANUAL	25	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
YG2-12-50BW	AUTO	50	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
YG2-12-50BW-MR	MANUAL	50	5-20 1512-PW6P	(2) 5-20 DUPLX	20	2500
YG2-12-50BW-15	AUTO	50	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
YG2-12-50BW-MR-15	MANUAL	50	5-15 1510-PW6P	(2) 5-15 DUPLX	15	1875
Molded Plug with blunt end for equipment wiring						
YG2R-12-2BS-15		2				
YG2R-12-10BS-15		10				
YG2R-12-25BS-15	AUTO	25	MLD5-15	BLUNT	15*	1875
YG2R-12-50BS-15		50			*Due to plug rating Plug can be removed. Unit rated for 20A max.	





Specifications:

Material

- Enclosure: UV rated Polycarbonate

Electrical

- Power-up type: Manual or automatic
- Trip level: 4-6mA
- Trip time: less than 25ms (0.025 seconds)
- Leakage current in 93% relative humidity: Zero
- Operating voltage: 120VAC nominal rating (85% to 110% of rated voltage: 102V-132V)
- Low voltage let go: 40% rated voltage
- Grounded neutral detection: 2 ohms or less
- Frequency: 60Hz
- Overload current: 120Amps, inductive 50% Power factor, 1 second
- Radio frequency noise susceptibility: Operates normally with 0.5 VRMS, 10-450Mhz, injected on power lines
- Voltage surge withstand: 6KV impulse, 0.5 microsecond rise time, 100Khz ringing frequency with 40% decay per cycle
- Dielectric voltage withstand:
 - 1500 VRMS between line & load (across contacts)
 - 2500 VRMS between current carrying conductors and ground conductor
 - 4000 VRMS between current carrying conductors and enclosure

Mechanical

- Color: Black Enclosure
- Power Status Indicator: Lighted NEON
- Contact Size: 0.200" dia.
- Contact Latching: Electro-mechanical

Environmental

- Operating Temperature Range: -35 °C to +66 °C
- UL94 5V flammability

Listings

- UL & cUL recognized



Features

- UL & cUL recognized to UL943
- Quick and easy field installation into temporary panels and workboxes
- Compact & portable, this unit is easy to use, store and transport
- Works on two or three wire circuits
- Meets OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- Molded polycarbonate enclosure is corrosion and impact resistant, and stands up to the toughest jobsite conditions
- Manual & automatic power-up models available
- Test and Reset Buttons are clearly marked for easy identification and each is protected from accidental activation
- High intensity NEON indicator lamp glows bright when power is on for easy identification of power status

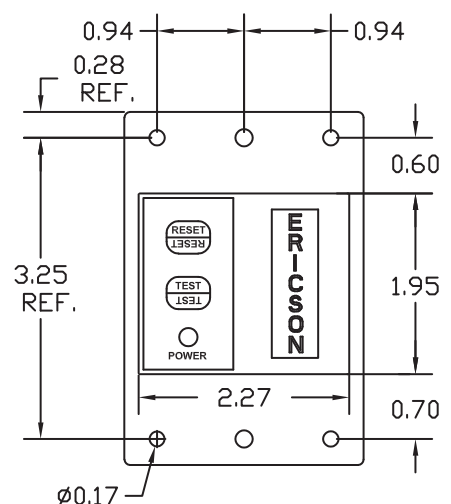
Safety Note: Although receptacle GFCIs appear to provide full-protection, they do not protect against open-neutral hazards! When the line-side neutral is open (which is not an unusual occurrence in temporary wiring installations) receptacle GFCI contacts are mechanically closed and the "hot" wire is still conducting electricity through the load side, which means you risk serious injury. Ericson's panel mount GFCIs DO protect against open neutral hazards, which is why they - and ALL Ericson GFCIs - meet UL, NEC and OSHA requirements.

Selection Guide

Catalog Number	Type*	Description	Volts	Amps	Watts
1075-MR	Manual	Panel mount GFCI	120V	20A	2400
1075-AR	Auto	Panel mount GFCI			

*Power up mode

TYPICAL PANEL CUTOUT.



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Note: Products shown on this page may not be listed.

Features

- Polycarbonate, Impact resistant enclosure retains its properties under the most extreme environmental conditions
- Spring-loaded flip lids protect outlets from jobsite contaminants when not in use
- Unit comes standard with extra hard usage #12/3 SEO cable
- Meets OSHA construction site requirements
- Fast response trip time; less than .025 seconds
- Manual & automatic power-up
- Test and Reset Buttons are clearly marked for easy identification and each is protected from accidental activation
- High intensity NEON indicator lamp glows bright when power is on for easy identification of power status (1060)

1 GFCI & 2 Duplexes



Class A Open Neutral Protection



Selection Guide

Catalog Number	Type*	Outlets	Primary Cord		Plug	Volts	Amps	Watts
			Length	Type				
1060	Manual	(4) NEMA 5-15 15A, 120Volt Straight Blade	6'	#12/3 SEO	5-15	120	15	1800
1060-A	Auto							
1061	Manual	(4) NEMA L5-15 15A, 120Volt Locking	6'	#12/3 SEO	L5-15	120	15	1800
1061-A	Auto							
1062	Manual	(4) NEMA 5-20 20A, 120Volt Straight Blade	6'	#12/3 SEO	5-20	120	20	2400
1062-A	Auto							

*Power up mode - does not effect reset after trip
Consult factory for custom configurations

**Custom Cord
Printing Available**

**Need a Custom Version?
Contact Us Today**



Emergency Generator GFCI Cordsets

120 & 240V, 3 & 4 Wire 20 & 30 AMP (L5-20, L5-30, L14-20 & L14-30 Plugs)

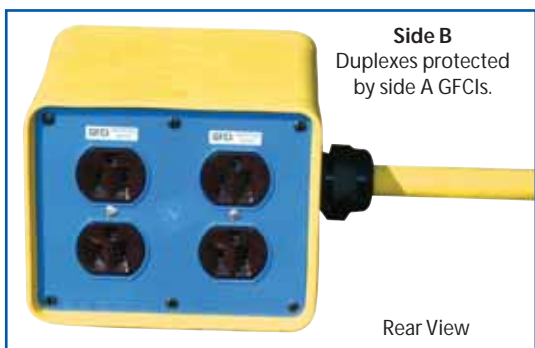
Ericson offers these Heavy Duty Emergency Power Cordsets with these features:

- Rubberized Box eliminates "hot" un-grounded dangerous metal quad boxes
- Heavy Duty Perma-Link™ Plug with rubberized body and nickel plated blades
- Heavy Duty SJ & SO cord for long service life
- GFCI Protection - GFCI 5-20 Duplexes protecting 5-20 duplex receptacles
- Heavy Duty cord strain relief at box stands up to rough duty
- 2, 25, 50 and 100 ft cord lengths keeps generator away from family and work area



GFCI

Plug & Play with Most Generators



Made in the USA

NOTICE:
The NEC restricts the use of old job boxes for temporary use

3 Wire Systems					
Catalog Number	Rating	Plug	Cord Type	Box Config	Length
8V2123SJB6G2	120V 20 AMP	L5-20	#12/3 SJT Black	6000 Box w/ (1) GFCI 5-20 Duplex & (1) Protected 5-20 Duplex	2
8V2123SJB6GA					25
8V2123SJB6GB					50
8V3103SE6G2	120V 30 AMP	L5-30	#10/3 SEO Yellow	6000 Box w/ (1) GFCI 5-20 Duplex & (1) Protected 5-20 Duplex	2
8V3103SE6GA					25
8V3103SE6GB					50
8V3103SE6GD					100
4 Wire Systems					
8Z2124SE8G2	240V 20 AMP	L14-20	#12/4 SEO Black	8000 Box w/ (2) GFCI 5-20 Duplex & (2) Protected 5-20 Duplex	2
8Z2124SE8GA					25
8Z2124SE8GB					50
8Z3104SO8G2	240V 30 AMP	L14-30	#10/4 SO Yellow	8000 Box w/ (2) GFCI 5-20 Duplex & (2) Protected 5-20 Duplex	2
8Z3104SO8GA					25
8Z3104SO8GB					50
8Z3104SO8GD					100

Other configurations available - call for pricing.



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Note: Products shown on this page may not be listed.

Protector Series GFCI - Plug Style

New from Ericson, the Protector Series of GFCI products has the flexibility of pre-made corded models or customer wired units without cord. The Protector Series is the latest in GFCI protection technology with under 25mS trip release and reduced nuisance tripping with NOISEGARD technology. Each Protector comes with 3 grommet sizes for cord #16/3, 14/3 or 12/3 SJT cord installation. Large wiring pocket and color coded screw terminals make wiring a snap. The seal around the removable covers keep out rain and dirt on the jobsite. Power on indicator shows protected power is ready for your use.



Solid brass blades

All weather button covers
Power on indication

Color coded screw terminals makes wiring easy

Internal cord clamp holds cord securely (3 sizes included)

3 Grommet sizes included (16/3, 14/3 or 12/3 SJ)

Super seal keeps out rain & dirt

Large easy to use wiring pocket

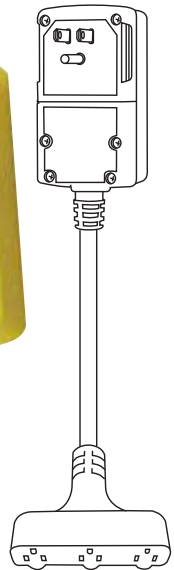
Cord size up to #12/3 SJT

TESTED



ADD YOUR OWN CORD!

G903-1TT



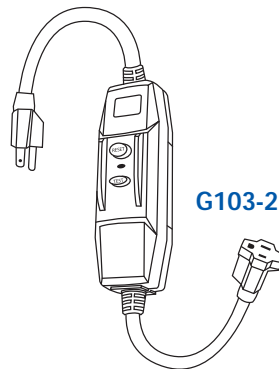
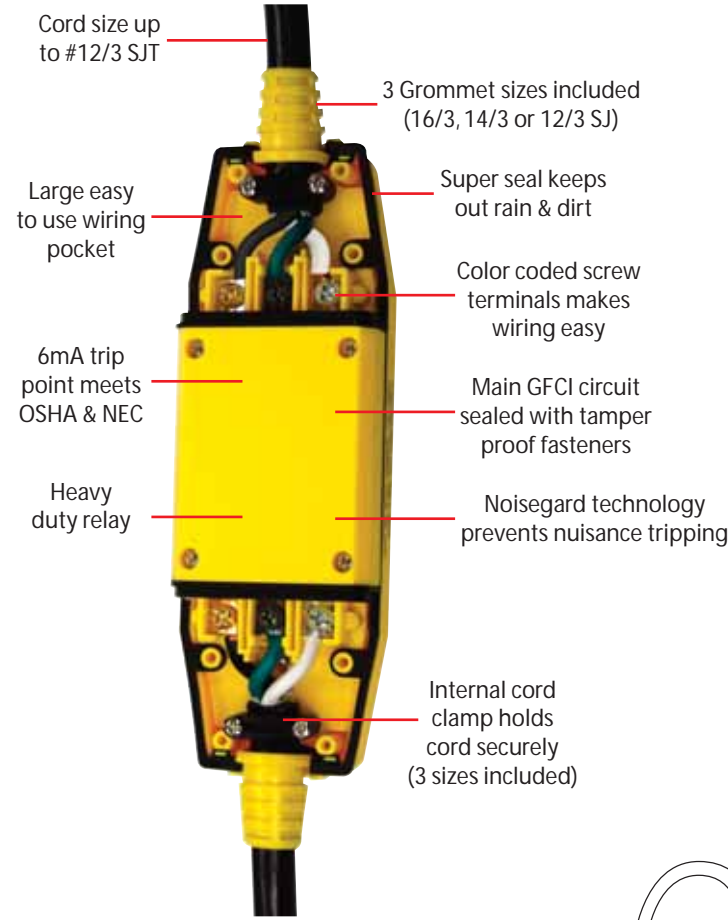
Protector Series Selection Guide

Model	Description	Power On*	Amps	Primary Line Cord	Secondary Load Cord
G901	90 Deg Plug, Auto, No Cord	Auto	15 A	Self Plug 5-15	u-add up to #12/3 SJT
G902	90 Deg Plug, Manual, No Cord	Manual	15 A	Self Plug 5-15	u-add up to #12/3 SJT
G903-1	90 Deg Plug, Auto, 1 ft 5-15	Auto	15 A	Self Plug 5-15	1 ft, 5-15 Conn, #12/3 SJT
G903-1TT	90 Deg Plug, Auto, 1 ft 5-15 Tritap	Auto	15 A	Self Plug 5-15	1 ft, 5-15 TriTap, #12/3 SJT
G904-1	90 Deg Plug, Manual, 1 ft 5-15	Manual	15 A	Self Plug 5-15	1 ft, 5-15 Conn, #12/3 SJT
G904-1TT	90 Deg Plug, Manual, 1 ft 5-15 Tritap	Manual	15 A	Self Plug 5-15	1 ft, 5-15 TriTap, #12/3 SJT

* Power on function : Auto = GFCI comes on immediately upon power being applied to line side and sends protected power to load side without pressing buttons. Manual = RESET/START button must be pressed to send protected power to Load side of GFCI. All GFCIs must be RESET if a trip condition occurs. No automatically resetting functions are possible after a trip condition.

Protector Series GFCI - Inline

New from Ericson, the Protector Series of GFCI products offer the flexibility of pre-made corded models or customer wired units without cord. The Protector Series is the latest in GFCI protection technology with under 25mS trip release and reduced nuisance tripping with NOISEGARD technology. Each Protector comes with 3 grommet sizes for cord #16/3, 14/3 or 12/3 SJT cord installation. Large wiring pocket and color coded screw terminals make wiring a snap. The seal around the removable covers keep out rain and dirt on the jobsite. Power on indicator shows protected power is ready for your use. Power on indicator shows protected power is ready for your use.



TESTED



Protector Series Selection Guide

Model	Description	Power On*	Amps	Primary Line Cord	Secondary Load Cord
G101	Inline, Auto, No Cord	Auto	15 A	u-add up to #12/3 SJT	u-add up to #12/3 SJT
G102	Inline, Manual, No Cord	Manual	20 A	u-add up to #12/3 SJT	u-add up to #12/3 SJT
G103-2	Inline, Auto, 2 ft, 5-15	Auto	15 A	1 ft, 5-15 Plug, #12/3 SJT	1 ft, 5-15 Conn, #12/3 SJT
G103-2TT	Inline, Auto, 2 ft, 5-15 TriTap	Auto	15 A	1 ft, 5-15 Plug, #12/3 SJT	1 ft, 5-15 TriTap, #12/3 SJT
G104-2	Inline, Manual, 2 ft 5-15	Manual	15 A	1 ft, 5-15 Plug, #12/3 SJT	1 ft, 5-15 Conn, #12/3 SJT
G104-2TT	Inline, Manual, 2 ft 5-15 Tritap	Manual	15 A	1 ft, 5-15 Plug, #12/3 SJT	1 ft, 5-15 TriTap, #12/3 SJT

* Power on function : Auto = GFCI comes on immediately upon power being applied to line side and sends protected power to load side without pressing buttons. Manual = RESET/START button must be pressed to send protected power to Load side of GFCI. All GFCIs must be RESET if a trip condition occurs. No automatically resetting functions are possible after a trip condition.



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

Hand Held 7-Way GFCI Tester

- Hand held 7-way GFCI tester tests circuits seven critical ways
- Use on NEMA 5-15, 5-20 /120VAC 3-wire outlets and GFCI protected outlets
- Simply plug in the tester, see which lights are activated and read the easy-to-see color coded chart to identify the condition of the wiring
- When testing GFCI receptacles, simply press the thumb button to test for proper GFCI operation

Plug-In to test for:

- Open hot
- Open ground
- Open neutral
- Hot/ground reversed
- Hot/neutral reversed
- Correct wiring
- Proper GFCI operation

Tests All Types of GFCI Devices



Test GFCI's

Insert tester into live GFCI receptacle and observe lights for proper wiring; then press the RED button for 1 second...

If the GFCI trips – This indicates the GFCI detection circuit is working properly and the GFCI is OK. Reset the GFCI receptacle.

If the GFCI does not trip – The GFCI detection circuitry is not working properly and needs to be investigated by an authorized electrician.

Selection Guide

Catalog Number	Description
1099	Hand-held 7-way GFCI tester

Indicator	Fault	Reason for Wiring Fault
○ ● ○	Open Ground	Ground contact not connected
○ ○ ●	Open Neutral	Neutral contact not connected
○ ○ ○	Open Hot	Hot contact not connected
● ○ ●	Hot Ground Reverse	Hot and ground contacts interchanged
● ● ○	Hot Neutral Reverse	Hot and neutral contacts interchanged
○ ● ●	Correct	Receptacle is wired correctly



RED



AMBER



Bright Neon Indication

NEW

GROUNDING ADAPTER

- unbreakable yellow vinyl grounding adapter converts any three wire cap for use with two wire receptacle.
- grounding lead with flanged spade terminal for No. 8 screw.



Catalog No. 18-A

YELLOW VINYL

U.L. Approved 15A-125V

DISTRIBUTOR NET COST

Packaged - 25 per Carton	19.00 per C	Wgt. 8 lbs. per C	Suggested Resale \$.24 each
Standard Package - 250 Bulk Packed	18.50 per C		

ERICSON

ELECTRICAL SPECIALTIES

THE ERICSON MANUFACTURING COMPANY
 1660 HAYDEN AVENUE • CLEVELAND, OHIO 44112

INSERT IN YOUR ERICSON BINDER UNTIL OUR NEXT CATALOG IS ISSUED

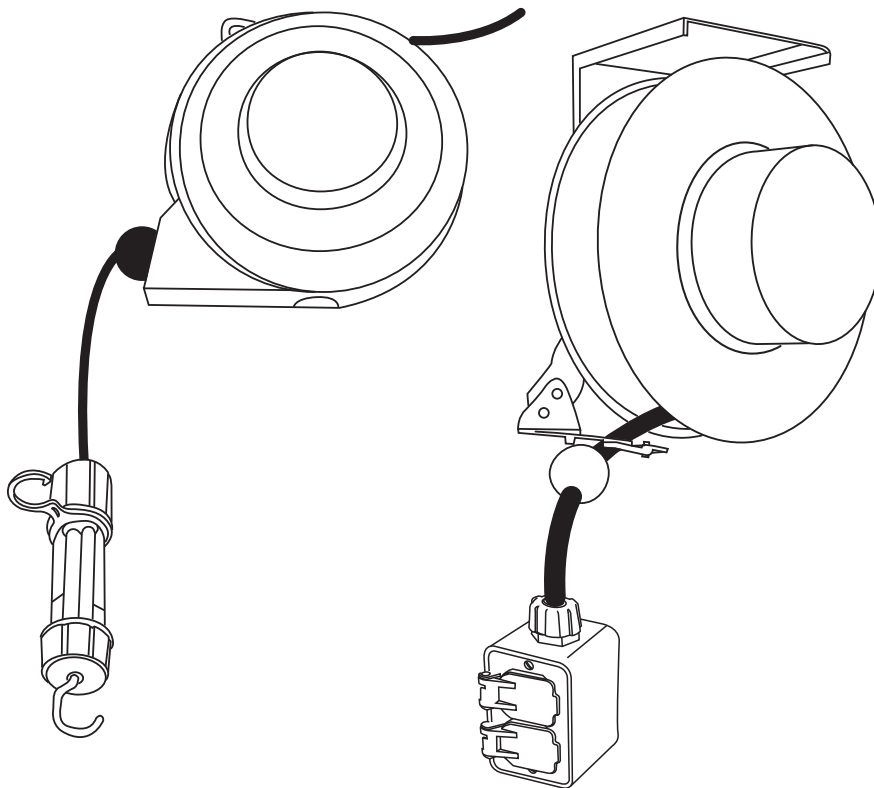
Original 1950's Advertisement



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

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Note: Products shown on this page may not be listed.



24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)



3000 Series - Light Duty Reels

- Commercial duty black cord reel
- High impact, corrosion resistant non-metallic housing
- Ideal for use in commercial/industrial workshops, auto garage & machine shops
- Reel mounts to wall or ceiling
- Reel swivels 180° to cover wide range work area
- Compact size allows mounting in tight spaces- Only 6" wide x 11" diameter
- Available with NEMA 5-15 Tri-Tap™ outlets or fluorescent handlamp



2900 Series - Light Duty Cord Reels

- Light duty bright yellow cord reel with steel housing
- Ideal for use in machine shops, automotive garages and commercial and light industrial workshops
- Reel mounts to wall or ceiling
- 2 ft. primary cord with molded-on NEMA 5-15 plug provides wide reach to plug in to nearest receptacle



4000 Series - Industrial

- UL Listed & CSA certified
- Ideal for Indoor and Outdoor Use - NEMA 4 Rated
- Compact Size (12.75" H x 7.75"W - 18 lbs. less cable)
- Heavy Formed Steel Stand (5/16" - thick)
- Available in 3 and 4 Conductors (incl. dedicated ground)
- All-Steel Pawl and Ratchet with 4 Locking Positions
- Automatic Locking Ratchet With lockout Lever Option



5000 Series - Large Cable Cord Reels

- Ideal for Indoor and Outdoor use (wet or dry)
- Weatherproof NEMA 4X Slip Ring Enclosure
- Heavy All-Steel Construction
- Formed Steel Stand with Multiple Mounting Holes
- 35 Amp/600 Volt Slip Ring
- Available in Welding & Grounding Reel Version
- Supplied with Type SOW or SOOW Cable installed



6000/7000 Series - Extra Long Cord Reels

- Excellent performance in industrial indoor and outdoor applications (wet or dry)
- Built to NEMA 4 Standards/CSA certified
- Standard two-piece roller-guide design for maintainability, with a 345° mounting range
- Reels are sized to handle Type SOW, Type W or Type G cable
- Add an extra 7 feet of cable for hookup/safety wrap, as well as an extra 10% of total travel length for stretch applications



8000 Series - Hazardous Location Reels

- Enclosures are designed to comply with requirements for Class I, Div 1 - Groups C & D and Class II, Groups F & G but are not certified by any regulatory body
- Built to NEC standards
- Indoor or outdoor use
- Rugged fabricated steel and cast aluminum construction
- 30 Amp / 600 Volt advanced slip ring assembly



Five Basic Parts:

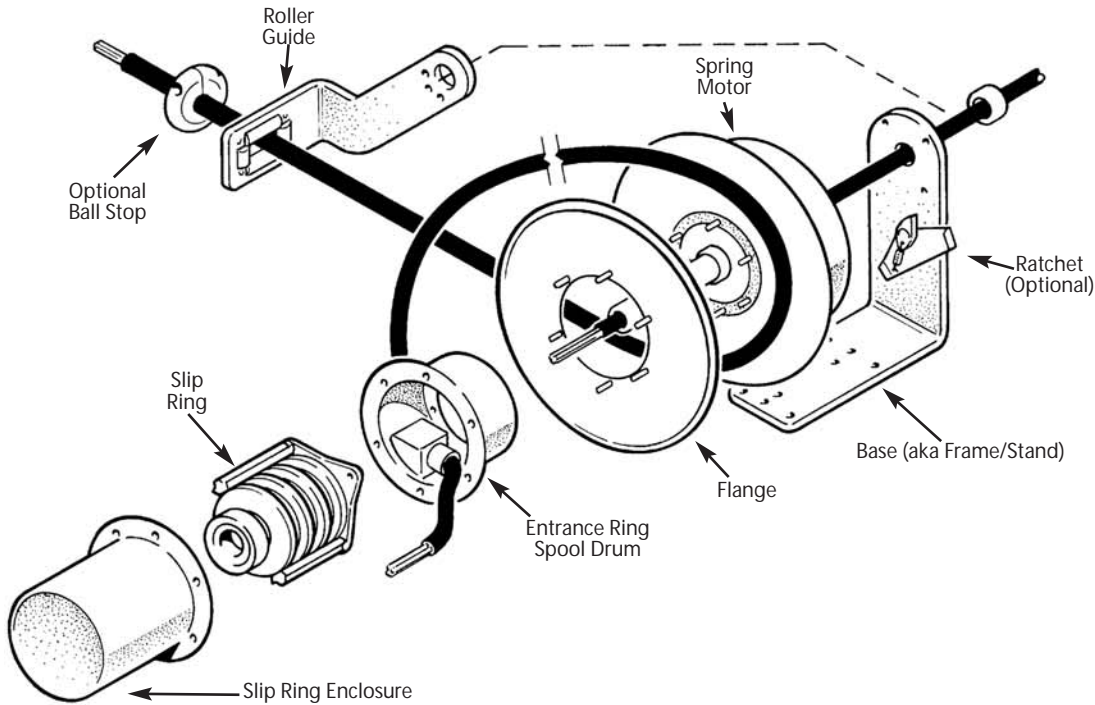
- Base/Stand:** Supports and mounts the reel
- Spring Motor:** Motor which rotates the spool
- Spool:** Composed of a Drum and two Flanges

- Slip Ring:** Transfers power from a stationary source to rotating source
- Roller Guide:** Guides the cable during payout and rewind

Definition of Terms:

- Active Length:** The difference between the minimum and maximum payout of cable
- Safety Wrap:** Cable that stays on the reel at maximum payout (Usually 2 complete wraps)
- Sag Factor:** The effect of gravity on actual travel length during stretch applications (6% - 10%)
- Lift Height:** The distance between where the cable lays to the center line of spool
- Payout:** Pulling cable out of the reel
- Retract or Rewind:** Rewinding cable back into the reel

Components of a Cable Reel

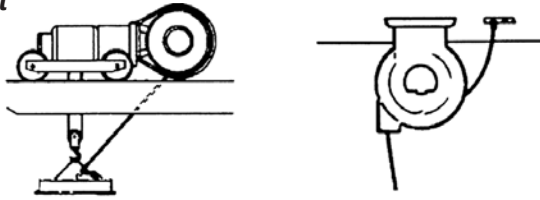


Quick Index & Application Guide

Reel Series	Typical Applications				
	Commercial Facilities	Light Industrial	General Industrial	Heavy-Duty Industrial	Hazardous Locations
3000 Commercial Duty	•				
2900 Light Duty	•				
4000 Industrial Duty	•	•	•		
5000 Industrial Duty	•	•	•	•	
6000 Heavy Duty Industrial	•	•	•	•	
7000 Heavy Duty Industrial	•	•	•	•	
8000 Hazardous Location					•
SDR Grounding Reels	•	•	•	•	

Specifying Your Cable Reel

Lift



The reel needs to "lift" the cable vertically. The reel is usually stationary. Cable is pulled out of the reel by machine or by hand (as with an overhead light source or a pendant station.)

Drag



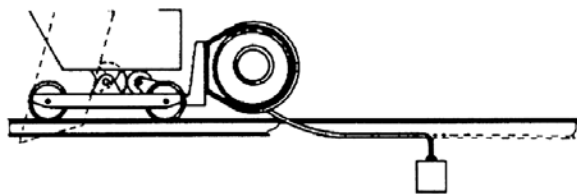
The reel needs to "drag" the cable through supports or along the ground horizontally. The reel is usually stationary. Cable can be pulled out by hand or by machine. Note: This application is the hardest on cable life.

Stretch



The cable is "stretched" horizontally and is unsupported. The reel may be stationary mounted or mounted onto moving equipment. Cable is pulled out by machine. An extra 6% -10% in cable beyond active travel is required for cable sag.

Retrieve



The reel needs to pickup ("retrieve") the cable. The reel is mounted on moving equipment. Cable is pulled out by machine.

Follow these three steps to make sure you get the best reel for your application needs. Your local representative or the sales team at our factory are glad to help if you need additional assistance.

Step 1: Mechanical Requirements:

- How will the reel be used? Stretch, Lift, Drag, or Retrieve? (See left for guidance)
- What type of environment will the reel be located in? (Indoors, outdoors, corrosive environment)
- What is the Duty Cycle? (How often will be reel payout and retract?)
- What is the maximum speed of equipment? (Maximum recommended speed is 150 feet per minute)

Step 2: Electrical Requirements:

- How much amperage is the cable expected to handle?
- At what voltage?
- What will the reel be required to handle: power, control, or communication signals?
- How many total conductors are required? (Please include one conductor for dedicated ground)
- What gauge (AWG) cable is required? The amperage and total number of conductors required will determine the gauge

Step 3: Cable Length Requirements:

- ADD: Active Length: The difference between the minimum operating payout
- PLUS: Inactive Length: Cable that always stays out of the reel, even at full retraction
- PLUS: Safety Wrap:* Cable that stays on the reel at maximum payout - See note below for details
- PLUS: Sag Factor - (Stretch Only): Add 10% to Active and Inactive Length total
- Lift Height - (Drag/Retrieve): The distance between where the cable lays up to the spool center line. Max 4'
- Hook up Length: Cable required for termination at both ends - 2-3' Spool End

- * NOTE:
- Series 4000 = 2'
 - Series 5000 = 2'
 - Series 6000 = 5'
 - Series 7000 = 5'
 - Series 8000 = 3'

3000 Series - Light Duty Cord Reels



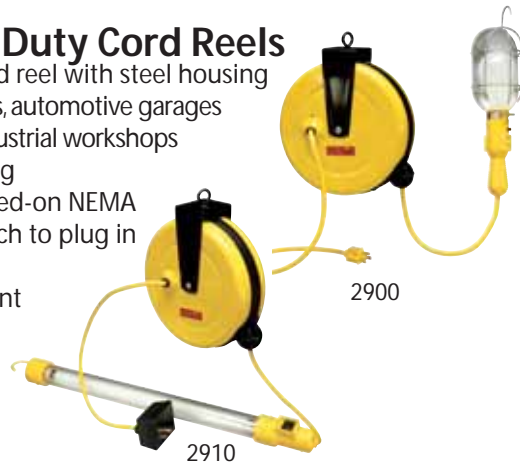
- Commercial duty black cord reel
- High impact, corrosion resistant non-metallic housing
- Ideal for use in commercial/industrial workshops, automotive garage & machine shops
- Reel mounts to wall or ceiling
- Reel swivels 180° to cover wide range work area
- Compact size allows mounting in tight spaces- Only 6" wide x 11" diameter
- Ratchet lock holds cord at desired position
- Available with NEMA 5-15 Tri-Tap™ outlets or fluorescent handlamp
- Installation kit comes complete with instruction sheet, mounting bracket and all the hardware needed for a complete installation
- Circuit breaker to prevent overload

3000 Series Cord Reel Selection Guide

	Angle Light	Tri-Tap Outlet
		
Non-metallic Housing with:		
With 50-ft. of cable	3163-50-AL	3163-50-TT
SPECIFICATIONS:		
Cord Size	#16/3	#16/3
Cord Type	SJTOW	SJTOW
Circuit Breaker	8 Amps	8 Amps
Cord Outlets	N/A	(3) NEMA 5-15
Primary: Cord Length	2 ft.	2 ft.
Power Switch in Handlamp Handle	Yes	-
Side Outlet in Handlamp Handle	(1) NEMA 5-15	-
Bulb Wattage	13 watt	-
Bulb Included	Yes	-
Ballast Location	Handle	-

2900 Series - Light Duty Cord Reels

- Light duty bright yellow cord reel with steel housing
- Ideal for use in machine shops, automotive garages and commercial and light industrial workshops
- Reel mounts to wall or ceiling
- 2 ft. primary cord with molded-on NEMA 5-15 plug provides wide reach to plug in to nearest receptacle
- Reel comes with incandescent or fluorescent handlamp
- Ratchet lock holds cord at desired position



2900 Series Selection Guide

Cord GA., #Cond. & Type	Length		
#16/3 SJT	30'	2900	
#18/2 SJT	40'		2910
Specifications:			
Volts		120	120
Amps		10	7
Handlamp:			
Wattage		100 watt	13 watt
Switch		Yes	Yes
Side Outlet		Yes	

SPECIFICATIONS

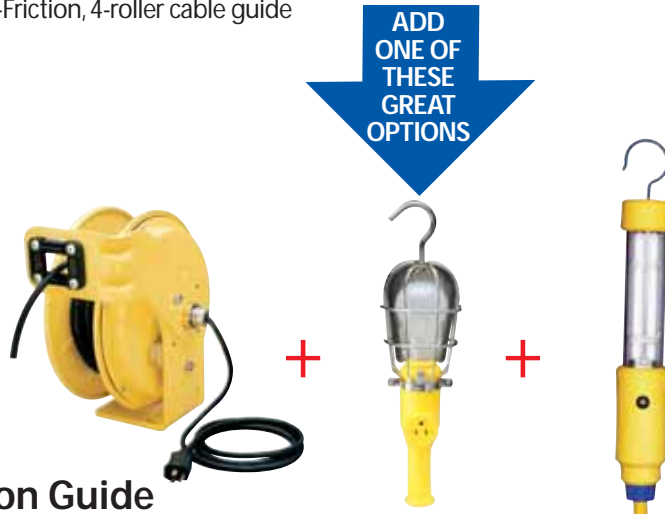


Standard Reel Offering	4000	5000	6000	7000	8000
Lift/Drag Application	Standard	Standard	Standard	Standard	Standard
Ball Stop included	Yes	Yes	Yes	Yes	Yes
Ratchet Installed	Yes	Yes	Yes	Yes	Yes
Primary Power Cord & Plug attached to Reel	Yes - Molded plug matches amp rating of cord/reel	No - must run conduit and hardwire	No - must run conduit and hardwire	No - must run conduit and hardwire	No - must run conduit and hardwire
SJ Cord Type	Standard	Not available	Not available	Not available	Not available
SO Cord Type	By part number designation only -SO	Standard	Standard	Standard	Standard - XP locations must have SO cable per NEC
Blunt Secondary	Standard	Standard	Standard	Standard	Standard
Add-ons installed - Lights - Power Boxes - Single Connectors	Per part number & cord size limitations	Per part number & cord size limitations	Per part number & cord size limitations	Per part number & cord size limitations	XP Type only - Per part number & cord size limitations
Stretch/Retrieve No Ball Stop No Ratchet installed	Not available	Custom RFQ Only	Custom RFQ Only	Custom RFQ Only	Custom RFQ Only
Cord Type - Standard	#16/3 SJOW to #12/4	#16/3 SOW to #10/6	#16/3 SOW #10/4	#16/4 SOW to #10/4	#16/3 SOW to #14/4
Electrical Rating (Amps @ 120V)	10A to 20A	5A to 25A	8A to 25A	12A to 25A	8A to 20A
Lengths Available	25 to 50 Ft	20 to 70 ft	70 to 150 ft	125 to 150 Ft	20 to 50 ft



- UL Listed & CSA certified
- Ideal for Indoor and Outdoor Use - NEMA 4 Rated (wet or dry - less electrical options & molded plug which are NEMA 2)
- Safety-Yellow Powder-Coated Finish
- Compact Size (12.75" H x 7.75"W - 18 lbs. less cable)
- Heavy Formed Steel Stand (5/16" - thick)
- Available in 3 and 4 Conductors (incl. dedicated ground)
- All-Steel Pawl and Ratchet with 4 Locking Positions
- Automatic Locking Ratchet With lockout Lever Option
- Adjustable / Removable Steel Cable Guide (3/16" - thick)
- Low-Friction, 4-roller cable guide

**GREAT FOR
SCHOOLS,
FIREHOUSES
& PULL DOWN
DISPLAY POWER**



4000 Series Cord Reel Selection Guide

	Reel w/ Cable Only		944-RS Handlamp	900 Handlamp
	SJOW Cable	SOW Cable		
Reels with 3-Conductor Cable				
with 25-ft. of #16/3 AWG	4163-25	4163-25SO	CTS	CTS
with 35-ft. of #16/3 AWG	4163-35	4163-35SO	CTS	CTS
with 50-ft. of #16/3 AWG	4163-50	4163-50SO	CTS	CTS
with 30-ft. of #14/3 AWG	4143-30	4143-30SO	4143-30-HSS	4143-30-F
with 40-ft. of #14/3 AWG	4143-40	4143-40SO	4143-40-HSS	4143-40-F
with 50-ft. of #14/3 AWG	4143-50	See 5000 Series Reels	4143-50-HSS	4143-50-F
with 25-ft. of #12/3 AWG	4123-25	See 5000 Series Reels	4123-25-HSS	4123-25-F
with 50-ft. of #12/3 AWG	4123-50	See 5000 Series Reels	4123-50-HSS	4123-50-F
Reels with 4-Conductor Cable				
with 35-ft. of #16/4 AWG	4164-35	4164-35SO		
with 50-ft. of #16/4 AWG	4164-50	4164-50SO		
with 35-ft. of #14/4 AWG	4144-35			
with 25-ft. of #12/4 AWG	4124-25	4124-25SO		
with 35-ft. of #12/4 AWG	4124-35			
SPECIFICATIONS:				
Electrical Ratings	300V	600V		
Reels with AWG #16/3, #16/4	10A, 8A	10A, 8A	125v/10A	125v/2A
Reels with AWG #14/3, #14/4	15A, 12A	15A, 12A	125v/15A	125v/2A
Reels with AWG #12/3, #12/4	20A, 16A	20A, 16A	125v/20A	125v/2A
Cord Type	SJOW-A	SOW-A	SJOW-A	SJOW-A
Power Switch in Handlamp Handle	-	-	Yes	Yes
Side Outlet in Handlamp Handle	-	-	Yes	No
Guard Material	-	-	Zinc Plated Steel	Non-Metallic
Handle Material	-	-	Vinyl Nitrile Rubber	Vinyl Nitrile Rubber
Bulb Wattage	-	-	100 Watt	13 Watt Fluorescent
Bulb Included	-	-		

4000 Series - Industrial Grade Cord Reels

- Adjustable Ball Stop Included
- 6' Feeder Cord (Note: Molded plug included on all NEMA 2 models)
- Slip Ring: 30 Amps, 600 Volts
- Available with or without Type SJOW/SJOOW
- Note: Add an extra 3' of cable for hookup/safety wrap, plus 10% extra cable for stretch applications due to sag factor
- Available with and without handlamps or receptacle box pre-installed



6000 Outlet Box (2) NEMA 5-15 Duplex Receptacles (Non-GFCI)	6000 Outlet Box (2) NEMA 5-20R Duplex Receptacles (Non-GFCI)	6029 Extra-Deep Outlet Box (1) NEMA 5-15 Duplex Recpt. & (1) NEMA 5-15 GFCI duplex Recpt.	(1) NEMA 5-20 Duplex Recpt. & (1) NEMA 5-20 GFCI Duplex Recpt.	5-20 T Slot PWDX with Wire Mesh Grip	NEMA 5-15C Connector Perma-Link®	NEMA 5-20C Connector Perma-Grip™
CTS	CTS	CTS	CTS		CTS	CTS
CTS	CTS	CTS*	CTS		CTS	CTS
CTS	CTS	CTS	CTS		CTS	CTS
4143-30-B	CTS	4143-30-BG	CTS		4143-30-1610	CTS
4143-40-B	CTS	4143-40-BG	CTS		4143-40-1610	CTS
4143-50-B	CTS	4143-50-BG	CTS		4143-50-1610	CTS
4123-25-B	4123-25-B20	4123-25-BG	4123-25BG-20	4123-25-1612PWDX	4123-25-1610	4123-25-1612CG
4123-50-B	4123-50-B20	4123-50-BG	4123-50BG-20	4123-50-1612PWDX	4123-50-1610	4123-50-1612CG
4124-35-B*	4124-35-B20*	4124-35-BG*	4124-35-BG-20*			
125v/10A		125v/10A			125v/10A	
125v/15A		125v/15A			125v/15A	
125v/20A		125v/20A			125v/20A	
SJOW-A		SJOW-A			SJOW-A	
-		-			-	
-		-			-	
-		-			-	
-		-			-	
-		-			-	
-		-			-	

CTS* - Cord gauge is too small *Two independent GFCI circuits



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.
 FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY
 Note: Products shown on this page may not be listed.



- Ideal for Indoor and Outdoor use (wet or dry)
- Weatherproof NEMA 4 Slip Ring Enclosure
- Heavy All-Steel Construction
- Safety-Yellow Powder-Coated Finish
- Numbered Terminal Blocks for Simplified Hookup
- Formed Steel Stand with Multiple Mounting Holes
- Guide Arm (4-roller, adjustable to 12 positions for efficient cable storage)
- Ratchet - positive lock including constant tension feature
- 35 Amp/600 Volt Slip Ring
- Available in Welding & Grounding Reel Version
- Available in a hose reel version
- Supplied with Type SOW or SOOW Cable installed
- Primary cordset not supplied with reel

Ratchet & ball stop included



5000 Series Cord Reels Selection Guide

SOW Cable Gauge & Conductors - 600V						
	Amp Rating	20'	30'	40'	50'	60'
16/3	10A	5163-20	5163-30	5163-40	5163-50	5163-60
16/4	8A	5164-20	5164-30	5164-40	5164-50	5164-60
16/6	8A	5166-20	5166-30	5166-40	5166-50	
16/8	7A	5168-20	5168-30	5168-40	5168-50	
16/10	5A	51610-20	51610-30	51610-40		
16/12	5A	51612-20	51612-30	51612-40		
14/3	15A	5143-20	5143-30	5143-40	5143-50	5143-60
14/4	12A	5144-20	5144-30	5144-40	5144-50	5144-60
14/6	12A	5146-20	5146-30	5146-40	5146-50	
14/8	10.5A	5148-20	5148-30			
14/10	7.5A	51410-20				
12/3	20A	5123-20	5123-30	5123-40	5123-50	5123-60
12/4	16A	5124-20	5124-30	5124-40	5124-50	
12/6	16A	5126-20	5126-30			
12/8	14A	5128-20				
10/3	25A	5103-20	5103-30	5103-40	5103-50	
10/4	20A	5104-20	5104-30	5104-40	5104-50	
10/6	20A	5106-20	5106-30			



-BG-20
Not for #16 AWG



-1612-PWDX
20 Amp
5-20R T
Slot 1612-PWDX
(Not for #16 AWG)



-HSS
Handlamp for
any 3-wire cord
(Not for #16 AWG)



-F
13 watt
Fluorescent
Handlamp

For Reel Dimensions, refer to the end of this section.

Ratchet & ball stop included



- Our 6000 Series and 7000 Series reels are your top-quality, low-cost alternative to other spring reels of this capacity. These reels offer heavy-duty performance at some of the most attractive prices in the market.
- Excellent performance in industrial indoor and outdoor applications (wet or dry)
- Built to NEMA 4 Standards/CSA certified
- Heavy all-steel construction
- Safety-yellow powder-coated finish
- Standard two-piece roller-guide design for maintainability, with a 345° mounting range
- Safety-sealed, lifetime lubricated spring motor canister
- Generously sized slip ring housing with fully articulating brushes for flawless contact in adverse conditions
- Variety of ring amp ratings from 35-150 Amps
- Reels are sized to handle Type SOW, Type W or Type G cable
- Add an extra 7 feet of cable for hookup/safety wrap, as well as an extra 10% of total travel length for stretch applications
- Primary not supplied with reels
- Order ratchet and ball stop separately

6000 & 7000 Series Cord Reels Selection Guide

SOW Cable Gauge & Conductors

	Amp Rating	70'	80'	90'	100'	125'	150'
16/3	10	6163-70	6163-80	6163-90	6163-100	6163-125	6163-150
16/4	8	6164-70	6164-80	6164-90	6164-100	6164-125	7164-150
14/3	15	6143-70	6143-80	6143-90	6143-100	6143-125	7143-150
14/4	12	6144-70	6144-80	6144-90	6144-100	7144-125	7144-150
12/3	20	6123-70	6123-80	6123-90	6123-100	7123-125	7123-150
12/4	16	6124-70	6124-80	6124-90	6124-100	7124-125	
10/3	25	6103-70	6103-80	6103-90	6103-100	7103-125	
10/4	20	6104-70	6104-80	6104-90	6104-100	7104-125	

For Reel Dimensions, refer to the end of this section.

Add-Ons - Add to Base Part Number (Call for Details)

-1612-PWDX
(not for #16 AWG)



1612-PWDX
NEMA 5-20 T Slot

-B



6000 Box

-BG20

(not for #16 AWG)



6000 Box
GFCI

-HSS



944-RS

-F



900



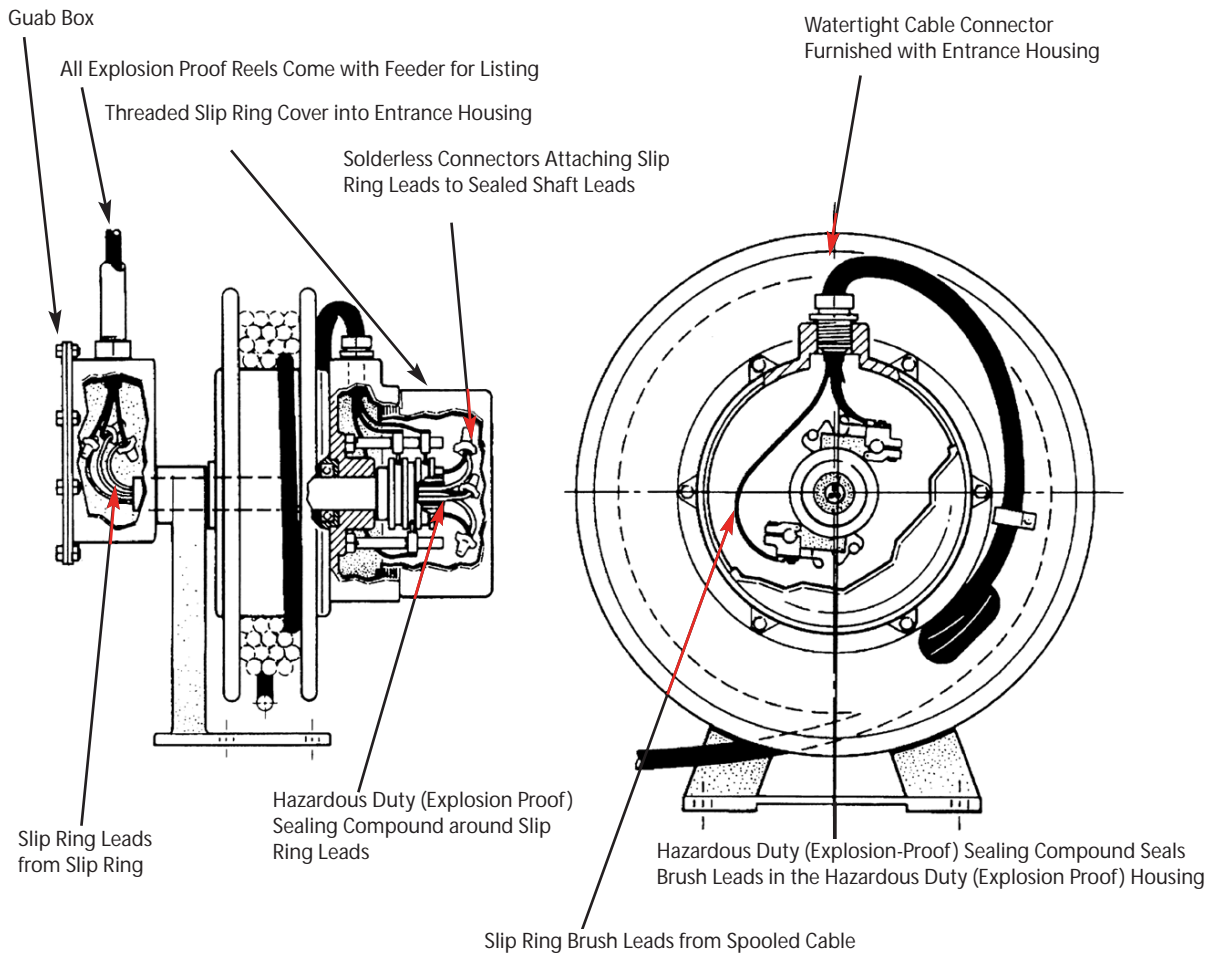
MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.



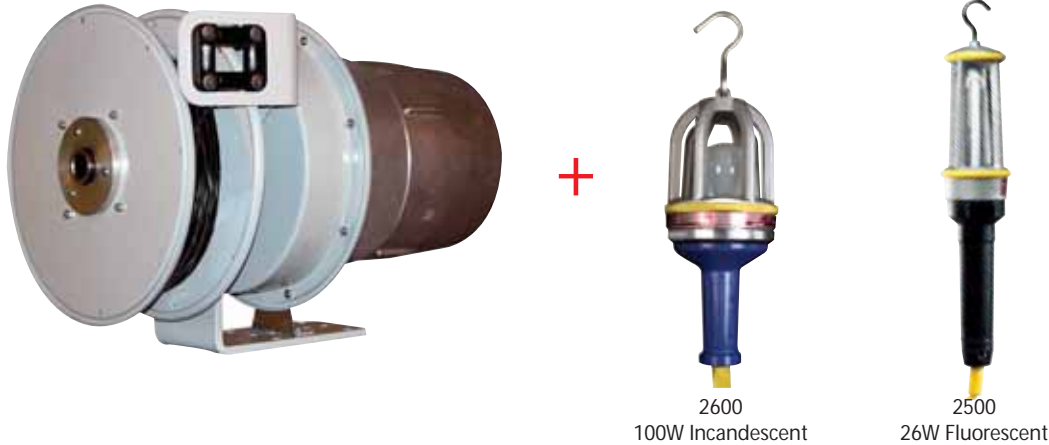
- Enclosures are designed to comply with requirements for Class I, Div 1 - Groups C & D and Class II, Groups F & G but are not certified by any regulatory body
- Built to NEC standards
- Indoor or outdoor use
- Rugged fabricated steel and cast aluminum construction
- 30 Amp / 600 Volt advanced slip ring assembly
- Threaded junction box and slip ring enclosure
- SOW-A cable on factory assembled models
- Spring activated ratchet
- 4-roller adjustable cable guide
- Maximum dimensions: 14 1/2" H x 14 1/2" W x 17" D
- Note: 5 additional feet of cable required for safety wrap and hookup



Reel & Handlamps Meet or Exceed Hazardous Location Requirements

- Class I, Div. I, Groups C & D
- Class II, Groups F & G

Add a Hazardous Handlamp for a Complete System



8000 Series Hazardous Duty Reel Selection Guide

SOW Cable Gauge & Conductors	Length of Cable	Reel with Cable Only	Reel w/ Hazardous Duty Handlamp	
			2600	2500
16/3	20'	8163-20	8163-20-XPI	8163-20-XPF
16/3	40'	8163-40	8163-40-XPI	8163-40-XPF
16/3	50'	8163-50	8163-50-XPI	8163-50-XPF
16/4	20'	8164-20		
16/4	40'	8164-40		
16/4	50'	8164-50		
14/3	20'	8143-20	8143-20-XPI	8143-20-XPF
14/3	40'	8143-40	8143-40-XPI	8143-40-XPF
14/3	50'	8143-50	8143-50-XPI	8143-50-XPF
14/4	20'	8144-20		
14/4	40'	8144-40		
14/4	50'	8144-50		

SDR Series Static Discharge Grounding Reel

REELS

Areas used for fuel handling, mines and other places where airborne flammables may exist, require reliable static discharge systems...and Ericson has them. Ericson grounding reels are perfect for discharging dangerous static electricity build-up in hazardous environments.

Refueling Grounding



Small size

- Built to NEC Standards
- For indoor use only
- Rugged all steel construction
- Compact Design
- Mounts in any position
- Red epoxy coated finish
- Feet are unfinished for maximum electrical contact
- Resistance not exceeding 0.3 OHMS
- Includes aircraft type cable: 3/32" diameter standard steel
- Includes 100 Amp grounding clamp
- Includes automatic locking ratchet with lockout feature for constant tension

Selection Guide

Cable Length	Resistance (ohms)	Description	Catalog Number
50 ft.	0.3	Single Cable	SDR-50



Coated cable

- Ericson 5000 Series Reels are now available for grounding applications where longer cables are needed
- Ball stop included
- 4-roller guide adjustable cable guide
- Auto locking ratchet for constant tension
- 100 amp grounding clamp included
- Resistance not exceeding 2 Ohms

Selection Guide

Cable Length	Description	Catalog Number
100 ft.	Single Cable with orange nylon jacket	SDR-100

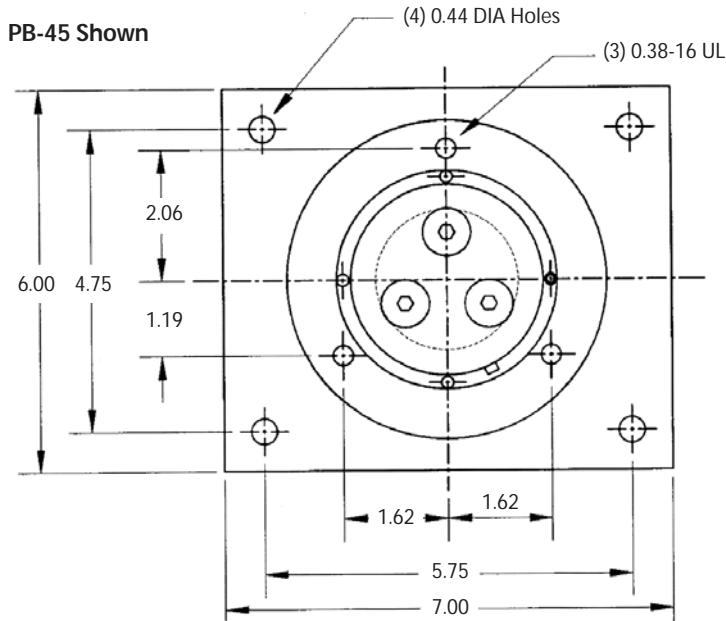
Handles Static Charges Safely

345° Pivot Base

- Use our pivot base to customize your reel mounting for your specific application
- All steel base
- Lifetime bearing (never needs lubrication)
- Swing can be restricted to 90°, 180°, and 270°
- Anodized clear finish



PB-45



Selection Guide

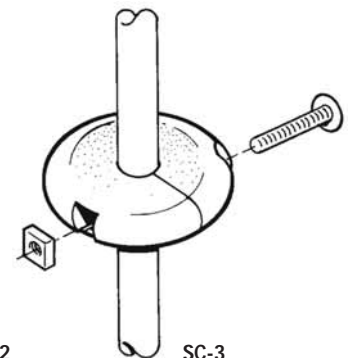
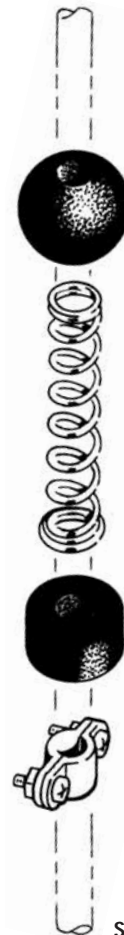
Catalog Number	Reels
PB-45	4000-5000
PB-67	6000-7000

Ball Stops

- Also referred to as "cable stops," "bumper stops" or "hose stops"
- Generally used for manually operated lift and drag applications to govern retraction length. Stops are required when accessories such as handlamps and receptacle boxes are installed on cable reels
- Suitable for all Ericson Cable reels

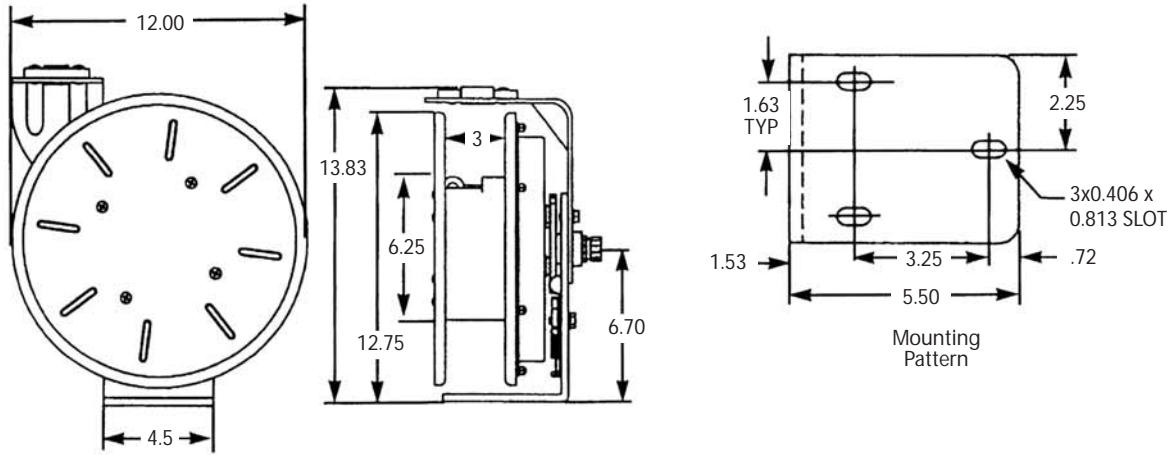
Selection Guide

Catalog Number	Description
SC-1	For cable O.D. ranges 0.188" to 0.438"
SC-2	For cable O.D. ranges 0.188" to 0.438" with shock absorbing spring bumper
SC-3	For cable ranges 0.438" to 0.624"
SC-4	For cable ranges 0.625" to 0.749"
SC-5	.75" to 1.05"
SC-6	1.06" to 1.38
SC-7	1.39 to 1.55

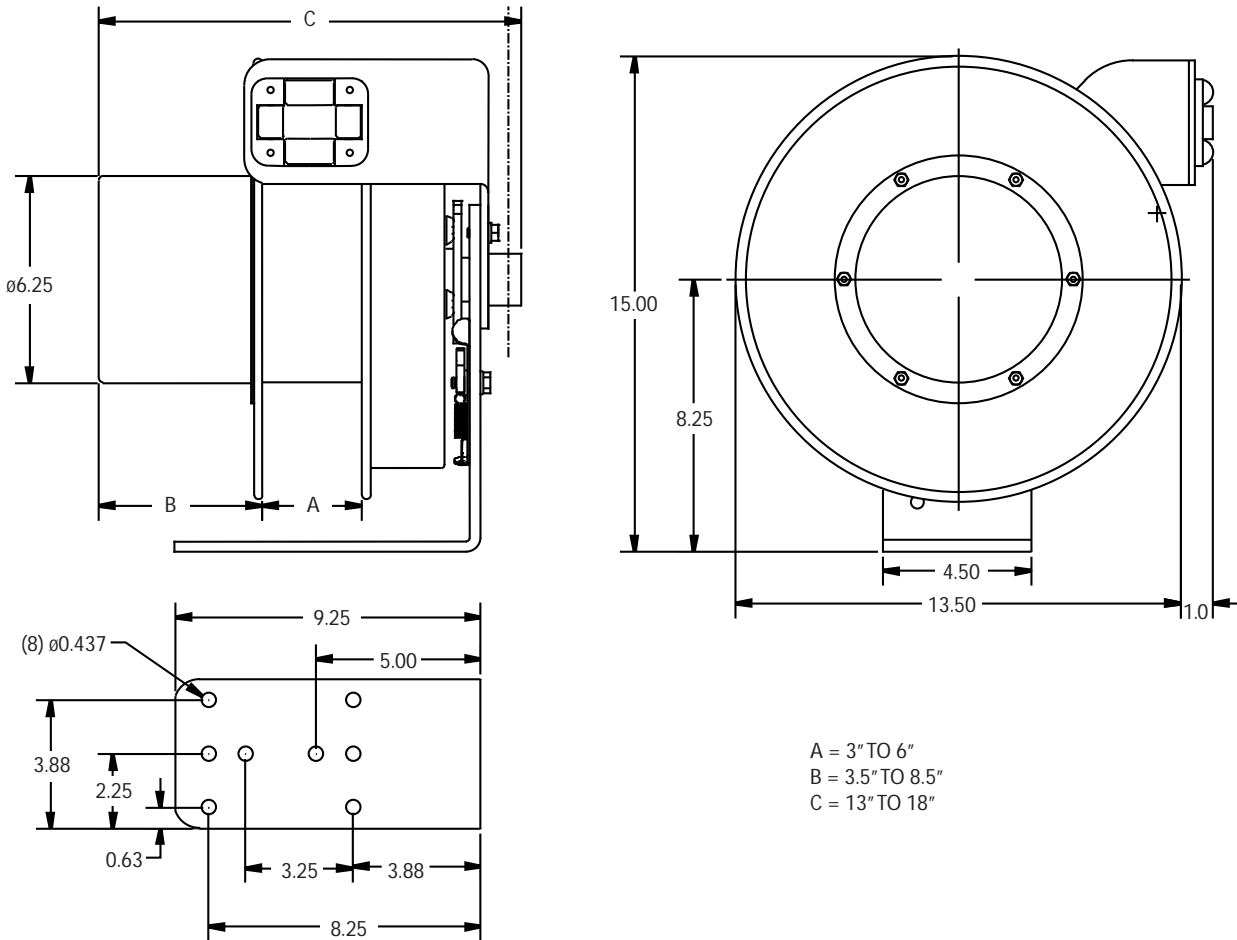


- SC-4
- SC-5
- SC-6
- SC-7

4000 Series



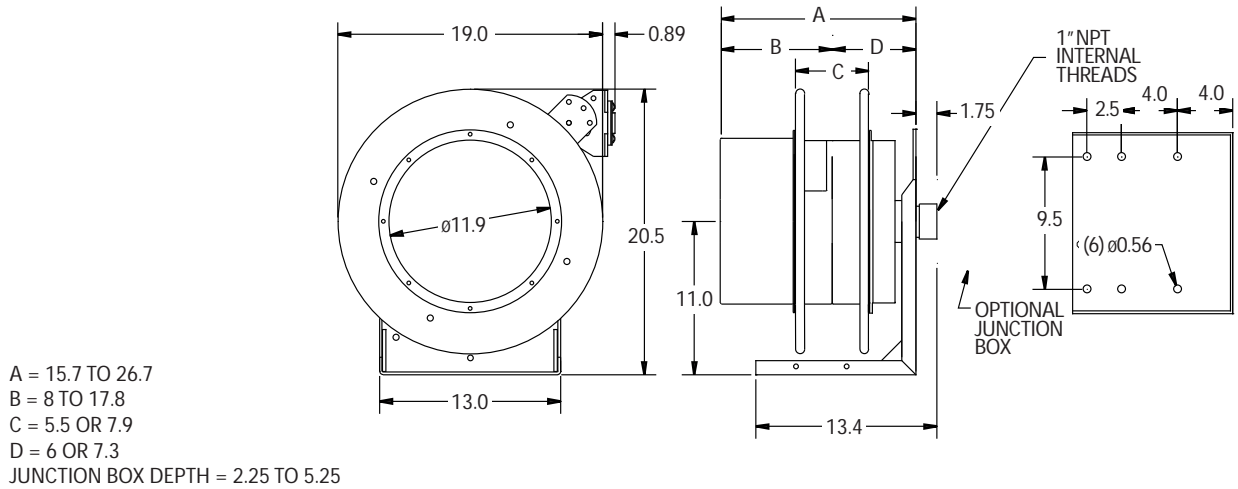
5000 Series



A = 3" TO 6"
 B = 3.5" TO 8.5"
 C = 13" TO 18"

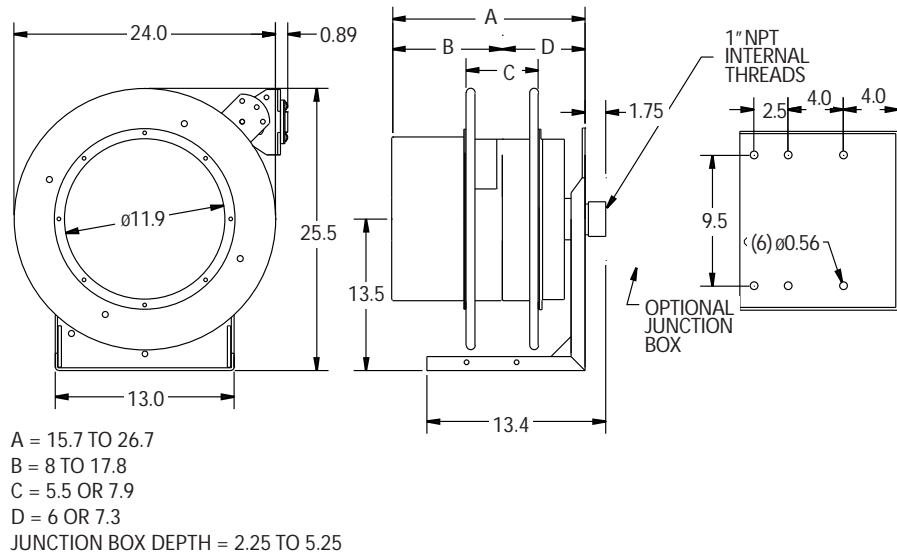
6000 Series

3 AND 4 CONDUCTOR REELS HAVE THE SMALLEST DIMENSIONS

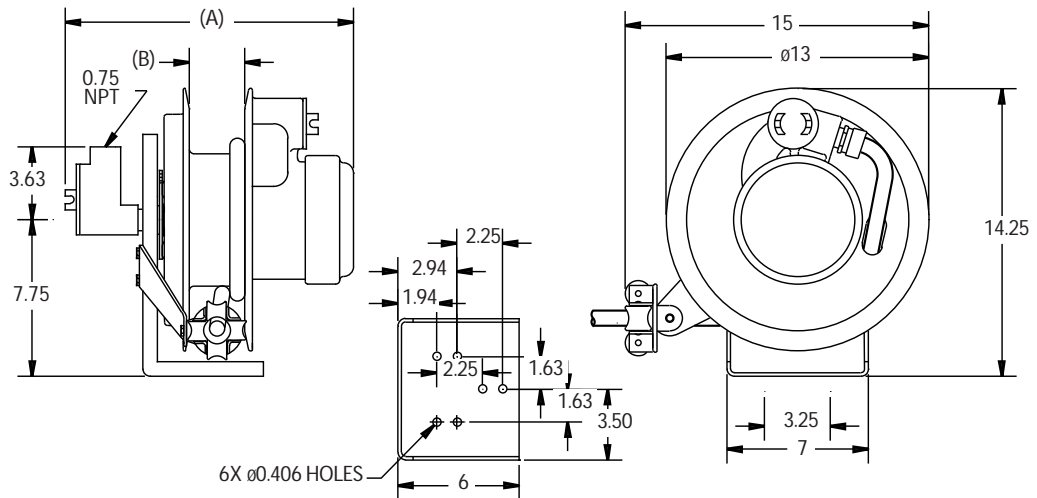


7000 Series

3 AND 4 CONDUCTOR REELS HAVE THE SMALLEST DIMENSIONS



8000 Series





Investigate Ericson's reasonable prices on many quality products

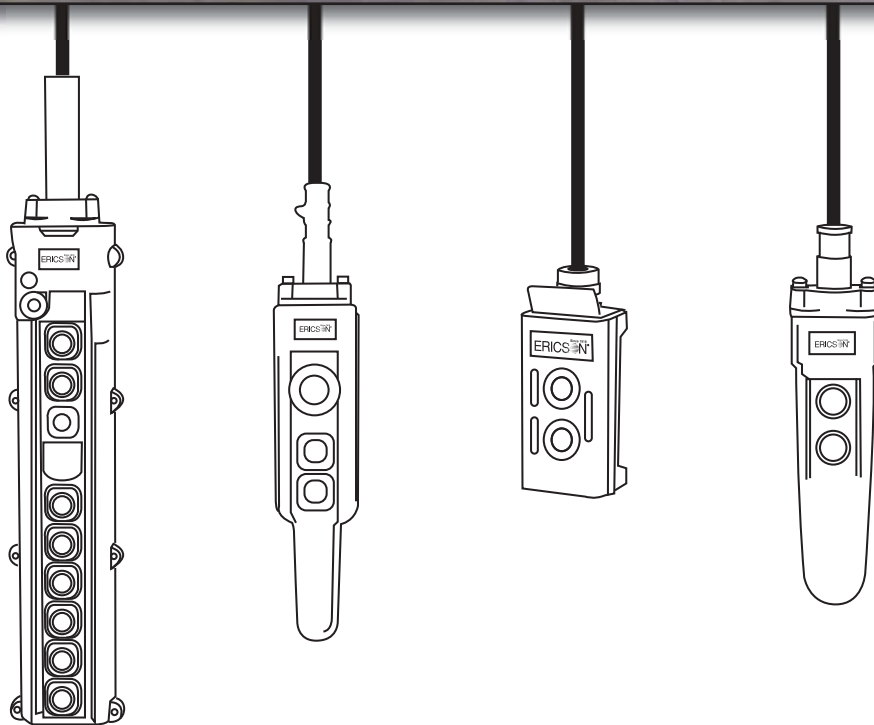
C & E (Ericson) Electrical Safety Products

- SAFETY NEOPRENE HANDLES ATTACHMENT PLUGS AND CORD CONNECTORS (NEOPRENE)
- NEOPRENE SOCKETS PORTABLE HAND LAMPS (STANDARD AND VAPOR-PROOF TYPES)
- LAMP GUARDS COMPLETE EXTENSION AND TEST CORDS, ETC.
- MULTIPLE OUTLET CORDS CORD REELS

THE ERICSON MANUFACTURING COMPANY, Cleveland 12, Ohio

Original 1950's Advertisement

PUSH BUTTON PENDANT STYLE CONTROL STATIONS



24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)



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Note: Products shown on this page may not be listed.

Pendant Stations - What Are They Used For?

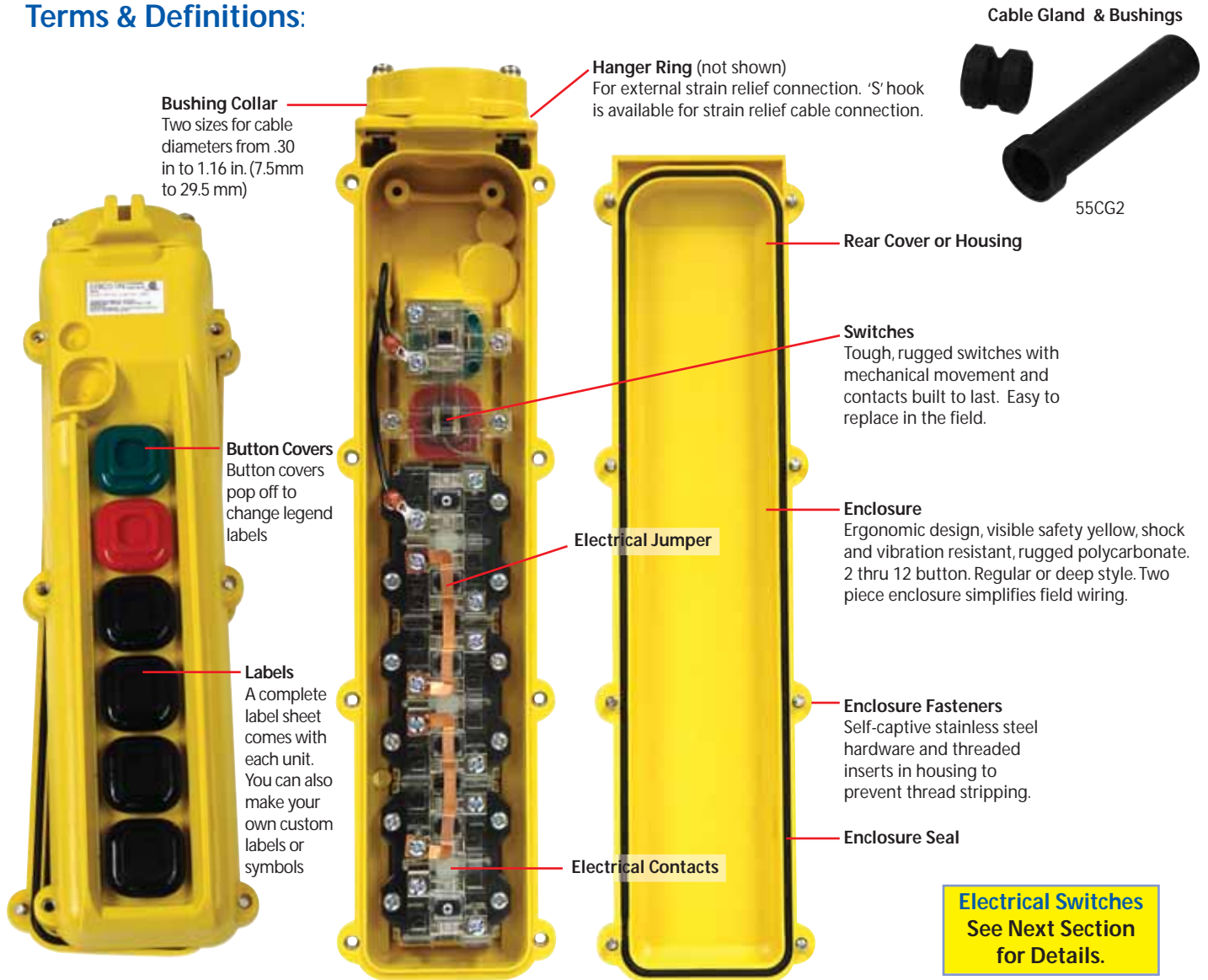


What is a Pendant Control Station? Pendant Stations or Pendant Controls are a series of simple switches that control much larger electrical loads through various means such as relays, Programmable Logic Controllers (PLCs) or other automation circuitry. These switches are housed in a special weather proof enclosure that attaches to and hangs from the electrical cable which the control signals flow back and forth. These simple switches are described in terms of motion and switching characteristics.

Ericson's Pendant Stations are typically used to control industrial cranes and hoists or the remote control of industrial machines. Pendant control stations are specifically designed for lifting and handling applications, they enable direct control of motors and can be used for direct motor switching.

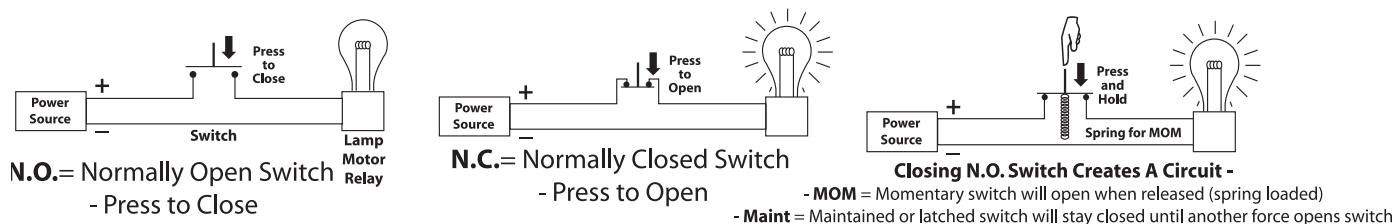
- Cranes/Hoists
- Food Processing
- Motor Control
- Mixers/Grinders
- PLC Inputs
- Pumps
- Automation Inputs

Terms & Definitions:



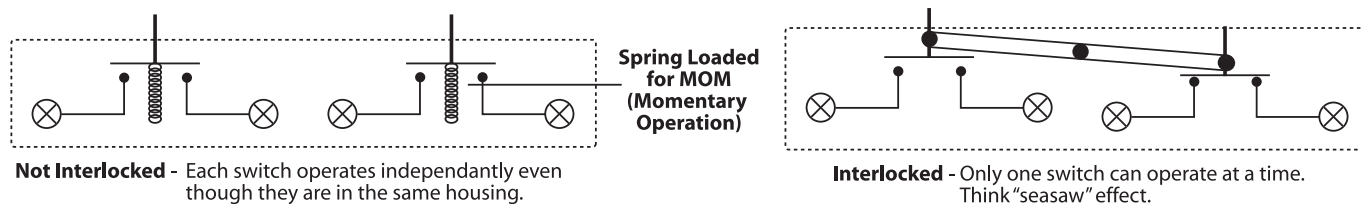
Basic Switch Operations:

The illustrations shown here demonstrate the difference between **Normally Open (N.O.)** and **Normally Closed (N.C.)** switch contacts. The term "normally" refers to the switch at rest or no physical influence. A closed contact set completes a circuit and an open contact set breaks the circuit. The last illustration shows the main difference between MOM (momentary) and MAINT (maintained). These terms describe the secondary action of the switch **AFTER** the human releases the button. A MOM switch will return to the original position when released, (think spring loaded), and a MAINT switch will remain changed when released until another action (2nd switch or actuator) releases it back to the original position (think latched).



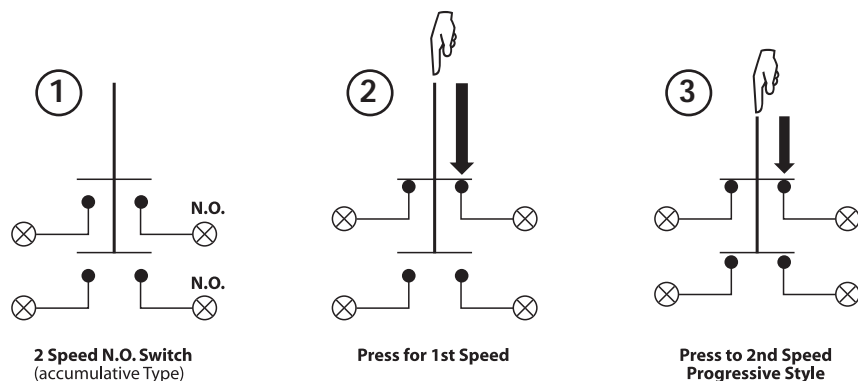
Interlocking Switches

Most switches are actually two buttons together in a single switch body. This illustration shows the definition of **INTERLOCKED** (joined together) or **NON-INTERLOCKED** (independent operation). **INTERLOCKED** switches only allow one of the two switches to be used at a time. Like a playground seesaw, only one can be up or down. This prevents accidents and equipment damage. For example: a motor will not be allowed to turn CCW and CW at the same time or the overhead crane gantry can only move forward then reverse. These **INTERLOCKED** switches can be used in conjunction with other switches to close the cover on a food mixer before allowing the motor to spin the blades.



Speed Selection Switches

Some equipment can have more than one action or "speed". For example, a mixer can mix slow then faster during a process or a crane boom can move very slow and have a faster speed for rapid relocation. Speed switches are "add" type or progressive meaning the N.O. contacts add to each other as shown in this illustration. Pressing the button down to the first "click" closes the first set of N.O. contacts and then pressing further to the 2nd or 3rd click will then close the 2nd and 3rd set of N.O. contacts. 2 speed switches have 2 sets of N.O. contacts and 3 speed have 3 sets.



Ampacity Rating of Switches

It is good installation practice to know the amp rating of the equipment you are trying to control and ensure that the switch selected meets or exceeds that rating. This is normally why a pendant control station is used with low voltage (relay or PLC) systems (such as 12, 24 or 48 volt) when controlling large amp or higher voltage circuits.



5502/5500-PG Series Compact Pistol Grip Pendant Station

Applications Include simple ON & OFF operations. Normally "opposite" operations are used with this type. Any operation can be performed as wired correctly. UP, Down, Left, Right, Start, Stop, MIX, POUR are all examples of opposite operations.

- Two button and two button with E-Stop
- Nema 3R rain rated
- Not food grade or hose down rated
- Not rated for hazardous location or refueling use
- Internal seals on buttons
- Button covers pop off to change legend labels
- Lightweight and economy priced simple switching
- 1 year limited warranty

5500 Series Single, Dual & Variable Speed Pendant Stations

The 5500 Series uses sets of two buttons to build ever increasing sized stations. From 2 button to 12 button pendants, this series is the work horse of the 5500 Series. The design is more rugged than the 5500-PG series with rubber button boots and housing seals. Rated for 3R "in-Use" rain rated, these pendants can be used outdoors with confidence. With a wide variety of switches and controls that can be installed, this series is the best of rugged design and economically priced pendants.



- Rubber booted buttons keeps out rain, dirt and debris
- Large choice of switches
- EZ to repair and replace switches
- Sealed housings with gasket and stainless steel fasteners
- Can be customized with indicators, lights and warning horn button
- Not rated for hazardous locations or refueling use
- Bright yellow enclosure ensures visible recognition
- Tough electrical contacts rated for thousands of operations
- Button cover legends are easy to change
- Each unit comes complete with:
 - o Two cable glands for popular sized cables
 - o Complete legend sheet with all popular operations
 - o Electrical ring crimp terminals for wire connection to switches
 - 1 year limited warranty
 - UL listed

5700 Series Rubber Enclosure Pendant Stations

The Heavy Duty Sealed 5700 series Pendant Control stations feature steel reinforced rubber construction with tongue and groove rear cover to protect the contacts from many elements. The full rubberized construction adds to the rugged use and long life while sealing the inside terminations and contacts from the environment. Switches are individual (no interlocked dual switch sets) with a variety of single, dual and special contact speed sets. The metal hang plate attached to the cord grip (metal CGB style) is designed to hang the pendant from wire rope or coated cable. The legend labels for each button are placed in recessed areas next to each switch.



- NEMA 1, 3, 4 and 12
- Use for hose down areas
- Use for high splash areas
- Can be used with some chemicals
- Rubberized sealed design
- Not for Hazardous locations
- UL listed and CSA approved
- 1 year limited warranty



5502 PG Series Compact Pistol Grip Pendant Station

Ericson's pistol grip pendant stations are ideal for controlling industrial cranes and hoists and for remote jog operation of industrial machines.

- Single speed 5A, 125V contact block
- Compact, lightweight, ergonomic design
- Weighs only 10 ounces
- Less than 2" wide
- Made of high impact ABS resin
- High visibility safety yellow color
- Internal button seals
- NEMA TYPE 4 waterproof rating
- Internal and external strain relief
- Variable diameter cable bushing with clamp accommodates a wide range of cable sizes
- Easy-to-push pressure switches
- 50 g shock resistance
- 5 A switch rating

5502-PG



5503 - Pistol Grip Style with E-Stop Features:

- Compact design, ergonomically designed with operators comfort in mind.
- Available with 1, 2, or 3, speed buttons
- High impact ABS resin, safety yellow, NEMA 4 enclosure
- Multi-diameter cable busing inlet
- Equipped with interior and exterior anchor for either internal or external strain relief wire

5503-PG



55PG01
Replacement switch
for 5500-PG only

General Specifications

Standards	
Ambient Temperature	-15° C - +50°C
Enclosure	ABS Safety Yellow
Vibration Resistance	10g From 10-55 Hz
Shock Resistance	50g
Environmental Protection	NEMA Type 4
Mechanical Life	AC15 2A & 110V-500,000 Operations
Electrical Rating	General Purpose, 120V, 5A
Pilot Rating	UL Pilot Duty B150
Insulation Withstand	2500VAC/1 Min.
Contact Resistance	Less Than 100 Milli-OHM
Weight	10 oz.
Legends	Standard Up/Down. Others Available
Push Button Force	2 Lbs.

Part #	Switch Positions		
	1	2	3
5502-PG	1 NO	1NO	
	mom	mom	
	Interlocked		
Switch #	55PG01		
5503-PG	1 NC	1 NO	1NO
	maint	mom	mom
	e-stop button	Interlocked	
Switch #	55S26	55S08	
5503-PG-2	1 NC	2 NO 2 SPD	2 NO
	maint	mom	mom
	e-stop button	Interlocked	
Switch #	55S26	55S15	
5503-PG-3	1 NC	1 NC + 3 NO 3 SPD	1 NC + 3NO
	maint	mom	mom
	e-stop button	Interlocked	
Switch #	55S26	55S17	

5500 Series Single, Dual & Variable Speed Pendant Stations



- Available in 2 to 12 button configurations
- Single- and two-speed models
- Neoprene boots surround buttons to seal out dirt and moisture
- Two-piece enclosure simplifies field wiring
- Soft pressure and positive indent switches provide optimum tactile feedback so you can feel when switch has been engaged
- Contacts rated at 5A/120VAC
- NEMA TYPES 1, 3, 4, 4X and 12 along with IP67 suitability enclosure ratings
- Double insulated 2500V withstand voltage
- 100 g shock resistance

Lamp & Horn Switch
Knock-out holes in .47 in (12mm) dia. and .75 in. (19mm) dia. are available for a lamp and horn switch on 6 through 12 button pendants.

Cable Packing Gland
Furnished with bushing insures water tight seal.

Cable Bushings
Available in 8 sizes from .30 in. to 1.16 in. (7.5 mm to 29.5 mm)

Bushing Collar
Two sizes for cable diameters from .30 in to 1.16 in. (7.5mm to 29.5 mm)

Buttons
Neoprene booted buttons. Seals out dirt & moisture. Available in red, green, and black.

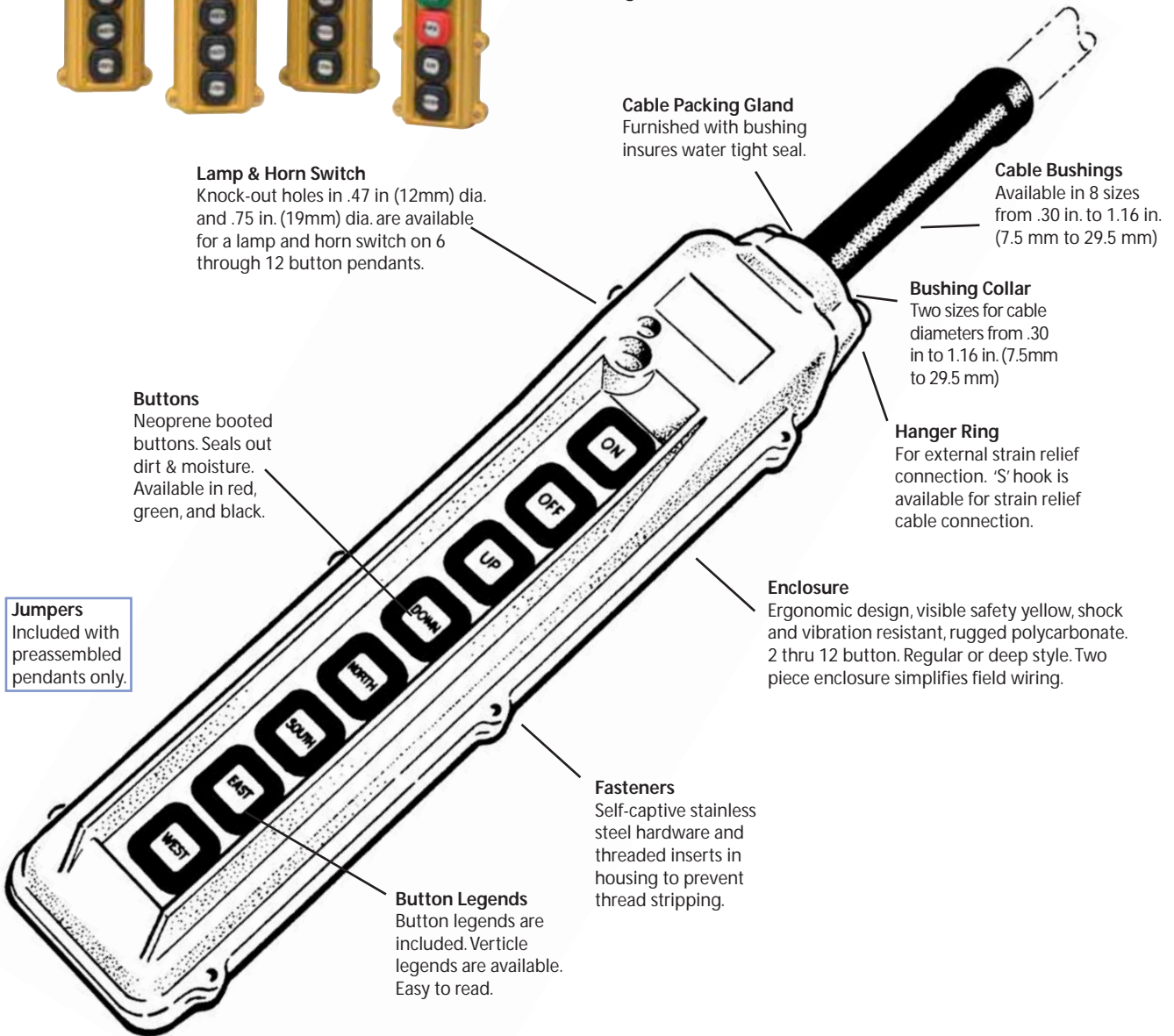
Hanger Ring
For external strain relief connection. 'S' hook is available for strain relief cable connection.

Jumpers
Included with preassembled pendants only.


Enclosure
Ergonomic design, visible safety yellow, shock and vibration resistant, rugged polycarbonate. 2 thru 12 button. Regular or deep style. Two piece enclosure simplifies field wiring.

Fasteners
Self-captive stainless steel hardware and threaded inserts in housing to prevent thread stripping.

Button Legends
Button legends are included. Vertical legends are available. Easy to read.



5500 Series Complete Pendants

Part #	POSITIONS																						
	1	2	3	4	5	6	7	8	9	10	11	12											
5502	1 NO mom	1 NO mom	This chart shows the common complete ready-to-use 5500 pendant stations. The switches and their actions (mechanical and electrical) are shown with each button position. Use this chart to select full pendants. Use the custom pendant page for building your own pendant.																				
	Interlocked 55S08																						
	5502-2	2 NO 25PD mom												2 NO mom	Interlocked 55S15								
Interlocked 55S08																							
Interlocked 55S08																							
5504	1 NO mom	1NO mom												1 NO mom	1NO mom	Interlocked 55S08			Interlocked 55S08				
	Interlocked 55S01													Interlocked 55S05		Interlocked 55S08			Interlocked 55S08				
	Interlocked 55S01													Interlocked 55S05		Interlocked 55S08			Interlocked 55S08				
5504-A	1 NO Start maint	Stop mom												1 NO+1NC mom	1 NO+1NC mom	Interlocked 55S01			Interlocked 55S05				
	Interlocked 55S01													Interlocked 55S05		Interlocked 55S08			Interlocked 55S08				
	Interlocked 55S01													Interlocked 55S05		Interlocked 55S08			Interlocked 55S08				
5504-E	1 NC maint	blank												1 NO+1NC mom	1 NO+1NC mom	Interlocked 55S26			Interlocked 55S05				
	Interlocked 55S26		Interlocked 55S05		Interlocked 55S08			Interlocked 55S08															
	Interlocked 55S26		Interlocked 55S05		Interlocked 55S08			Interlocked 55S08															
5506	1 NO Start maint	Stop mom	1 NO mom	1NO mom	1 NO mom	1NO mom	Interlocked 55S01		Interlocked 55S08														
	Interlocked 55S01		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08																
	Interlocked 55S01		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08																
5506-A	1 NO Start maint	Stop mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	Interlocked 55S01		Interlocked 55S05														
	Interlocked 55S01		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05																
	Interlocked 55S01		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05																
5506-E	1 NC maint	blank	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	Interlocked 55S26		Interlocked 55S05														
	Interlocked 55S26		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05																
	Interlocked 55S26		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05																
5508	1 NO Start maint	Stop mom	1 NO mom	1NO mom	1 NO mom	1NO mom	1 NO mom	1NO mom	Interlocked 55S01		Interlocked 55S08												
	Interlocked 55S01		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08														
	Interlocked 55S01		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08														
5508-A	1 NO Start maint	Stop mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	Interlocked 55S01		Interlocked 55S05												
	Interlocked 55S01		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05														
	Interlocked 55S01		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05														
5508-E	1 NC maint	blank	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	1 NO+1NC mom	Interlocked 55S26		Interlocked 55S05												
	Interlocked 55S26		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05														
	Interlocked 55S26		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05		Interlocked 55S05														
5510	1 NO Start maint	Stop mom	1 NO mom	1NO mom	1 NO mom	1NO mom	1 NO mom	1NO mom	Interlocked 55S01		Interlocked 55S08												
	Interlocked 55S01		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08														
	Interlocked 55S01		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08														
5512	1 NO Start maint	Stop mom	1 NO mom	1NO mom	1 NO mom	1NO mom	1 NO mom	1NO mom	1 NO mom	1NO mom	1 NO mom	1 NO mom											
	Interlocked 55S01		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08												
	Interlocked 55S01		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08		Interlocked 55S08												

Complete pendants come with all items shown



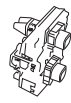
EMC Pn#	Buttons	Contact Config	Speed	Action	2 Button Interlock	Electrical Contact Schematic
55S01	2	1 NO / OFF	1	Maint	YES	
55S02	2	1 NC + 1 NO / OFF	1	Maint	YES	
55S03	2	1 NO / 1 NC	1	MOM	NO	
55S04	2	1 NO / 1 NO	1	MOM	NO	
55S05	2	1 NC + 1 NO / 1 NC + 1 NO	1	MOM	NO	
55S06	2	2 NO / 2 NO	1	MOM	YES	
55S07	2	2 NC + 2 NO / 2 NC + 2 NO	1	MOM	YES	
55S08	2	1 NO / 1 NO	1	MOM	YES	
55S09	2	1 NC + 1 NO / 1 NC + 1 NO	1	MOM	YES	
55S10	1	1 NC	1	MOM		
55S11	1	1 NO	1	MOM		
55S12	1	1 NC + 1 NO	1	MOM		



55S08



55S01



EMC Pn#	Buttons	Contact Config	Speed	Action	2 Button Interlock	Electrical Contact Schematic
55S13	1	2 NC	1	MOM		
55S14	1	2 NO	1	MOM		
55S15	2	2 NO 2 SPD / 2NO	2	MOM	YES	
55S16	2	2 NO + 2 NC 2 SPD / 2 NO + 2 NC	2	MOM	YES	
55S17	2	1NC + 3 NO 3 SPD / 1NC + 3 NO	3	MOM	YES	
55S18	SELECTOR	1 NC 2 POS		MAINT SELECT		
55S19	SELECTOR	1 NO 2 POS		MAINT SELECT		
55S20	SELECTOR	1 NO + 1 NC 2 POS		MAINT SELECT		
55S21	SELECTOR	2 NO 2 POS		MAINT SELECT		
55S22	SELECTOR	2 NC 3 POS CNTR OFF		MAINT SELECT		
55S23	SELECTOR	2 NO 3 POS CNTR OFF		MAINT SELECT		
55S24	SELECTOR	2 NC 2 POS		MAINT SELECT		

55S08



55S01



EMC Pn#	Buttons	Contact Config	Speed	Action	Electrical Contact Schematic
55S25	SELECTOR	1 NO 1 NC 3 POS CNTR OFF		MAINT SELECT	
55S26	e-STOP	1 NC		PUSH LOCK - Twist Release	
55S27	e-STOP	1 NO		PUSH LOCK - Twist Release	
55S28	e-STOP	1 NO + 1 NC		PUSH LOCK - Twist Release	
55S29	e-STOP	2 NC		PUSH LOCK - Twist Release	
55S30	e-STOP	2 NO		PUSH LOCK - Twist Release	
55S31	VAR POT RES	1K OHMS		VARIABLE TURN	
55S32	VAR POT RES	2K OHMS		VARIABLE TURN	
55S33	BLANK	BLANK PLATE			

E-Stop



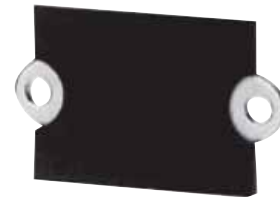
55S26

Variable Pot



55S31

Blank Plate



55S33

5500 Electrical Jumpers

EMC CATALOG P/N	DESCRIPTION
55J1	80-1 Small jumper for use with 34294 & 34295 - connects 1 to 5
55J2	80-2 Speed switch common jumper - used to connect commons between 1, 2, 3 spd and on/off switches
55J3	80-3 2 Speed jumper - used on 2 spd switches to connect 6 to 4 and 14 to 16
55J4	80-4 3 Speed jumper - used on 3 spd switches to connect term 18 of two adjacent
55J5	80-12 2 Speed common jumper - used to connect 5 to 15 on 2 spd switches



55J1



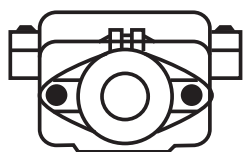
55J2

EMC CATALOG P/N	BUTTON SPACING	Description	GLAND BUSHING SIZE
55EN02	2	2 BUTTON ENCLOSURE	A
55EN04	4	4 BUTTON ENCLOSURE	A
55EN06	6	6 BUTTON ENCLOSURE	A
55EN06D	6	6 BUTTON DEEP BACK ENCLOSURE	A
55EN06H	6	6 BUTTON LARGE HOLE ENCLOSURE	D
55EN06HD	6	6 BUTTON LG HOLE & DEEP BACK ENCLOSURE	D
55EN08	8	8 BUTTON ENCLOSURE	A
55EN08D	8	8 BUTTON DEEP BACK ENCLOSURE	A
55EN08H	8	8 BUTTON LARGE HOLE ENCLOSURE	D
55EN08HD	8	8 BUTTON LG HOLE & DEEP BACK ENCLOSURE	D
55EN10	10	10 BUTTON ENCLOSURE	A
55EN10D	10	10 BUTTON DEEP BACK ENCLOSURE	A
55EN10H	10	10 BUTTON LARGE HOLE ENCLOSURE	D
55EN10HD	10	10 BUTTON LG HOLE & DEEP BACK ENCLOSURE	D
55EN12	12	12 BUTTON ENCLOSURE	A
55EN12D	12	12 BUTTON DEEP BACK ENCLOSURE	A
55EN12H	12	12 BUTTON LARGE HOLE ENCLOSURE	D
55EN12HD	12	12 BUTTON LG HOLE & DEEP BACK ENCLOSURE	D



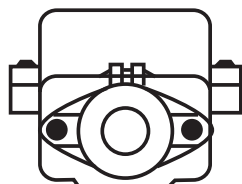
Notes on ordering enclosures for 5500 Series:

1. Deep Enclosures – use these for multi-wire cords (ie 12 or more conductors) with size over 20AWG.
2. Enclosures come complete with front and back covers, seal and capture screws.
3. Enclosures do not come with top strain relief assemblies – order separately.
4. These enclosures are for replacement only.
5. Pendant repair should be performed only by an authorized repair electrician or technician.



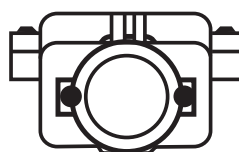
Standard Back
Cable O.D.
7.5 -19.5mm
.29 - .76 in

A



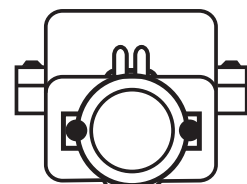
Deep Back
Cable O.D.
7.5 -19.5mm
.29 - .76 in

A



Standard Back
Cable O.D.
19.3 - 29.5mm
.75 - 1.16 in

D



Deep Back
Cable O.D.
19.3-29.5mm
.75 - 1.16 in

D

5500 Glands & Bushing Kits

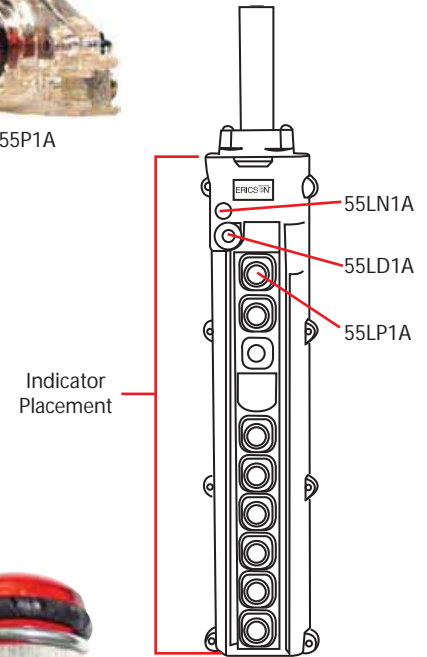
EMC CATALOG P/N	DESCRIPTION
55CG1	CABLE GLAND .34 - .41*
55CG2	CABLE GLAND .41 - .53*
55CG3	CABLE GLAND .52 - .65*
55CG4	CABLE GLAND .64 - .77*
55CG5	CABLE GLAND .76 - .89**
55CG6	CABLE GLAND .88 - 1.0**
55CG7	CABLE GLAND 1.0 - 1.12**
55CG8	CABLE GLAND 1.11 - 1.16**

*For use with type "A" enclosures

**For use with type "D" enclosures



55P1A



55LN1A

5500 Lights

EMC CATALOG P/N	DESCRIPTION
	<i>For small location 1</i>
55LD1A	SM RED LED PILOT 12MM 110VAC
55LD2A	SM RED LED PILOT 12MM 220VAC
55LD1D	SM RED LED PILOT 12MM 12VDC
55LD2D	SM RED LED PILOT 12MM 24VDC
	<i>For larger location 2 - not button location</i>
55LN1A	SM RED NEON PILOT 19MM 110VAC
55LN2A	SM RED NEON PILOT 19MM 220VAC
55LN1D	SM RED NEON PILOT 19MM 12VDC
55LN2D	SM RED NEON PILOT 19MM 24VDC
	<i>Button Location style*</i>
55PL1A	LG RED LED PILOT 110VAC
55PL2A	LG RED LED PILOT 220VAC
55PL1D	LG RED LED PILOT 12VDC
55PL2D	LG RED LED PILOT 24VDC
	* fits in 1 button space only

5500 Legend Sheets

EMC CATALOG P/N	DESCRIPTION
LS1	55 Series Push Button Legend sheet
LS2	55 Series Selector Sw Legend Sheet*

*Vertical sheet - not under button cover

Replacement Button Boots & Label Cover



5500 black boots
55BB



5500 red boots
55RB



5500 green boots
55GB

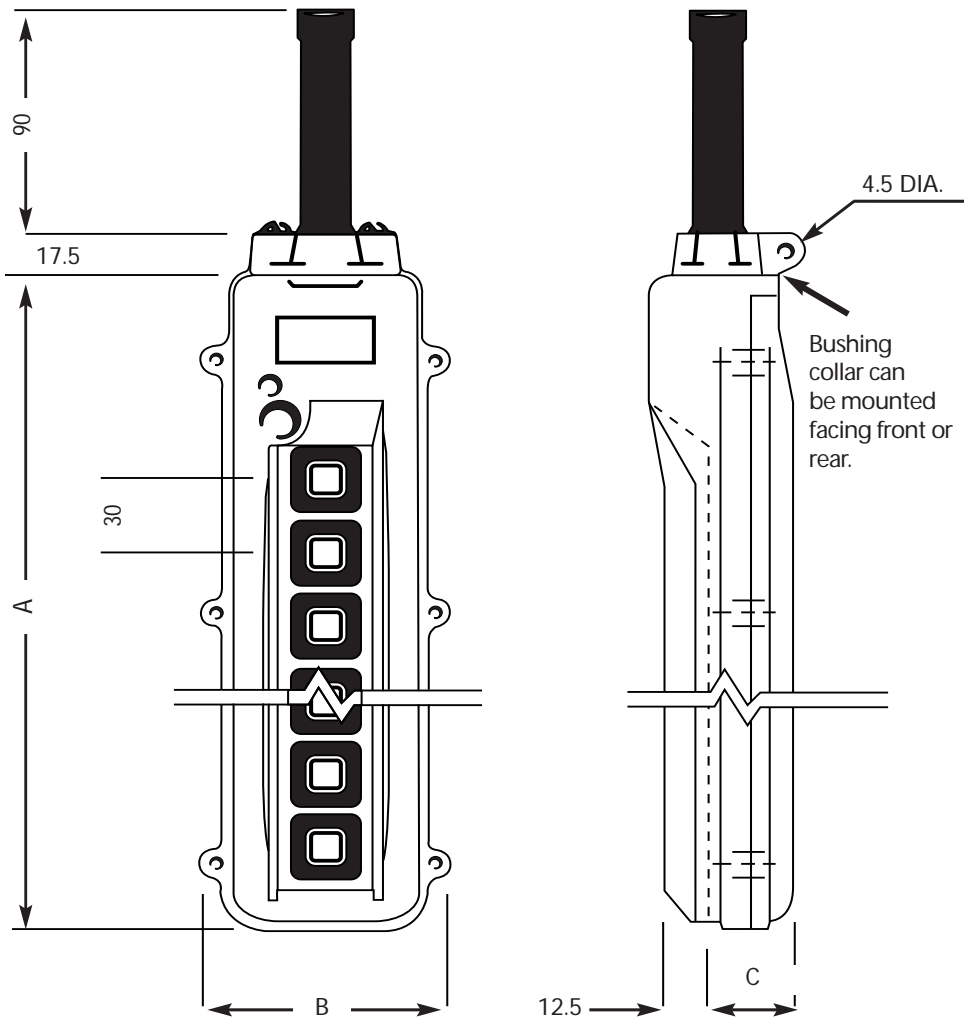


Clear Button Label Cover
55LC



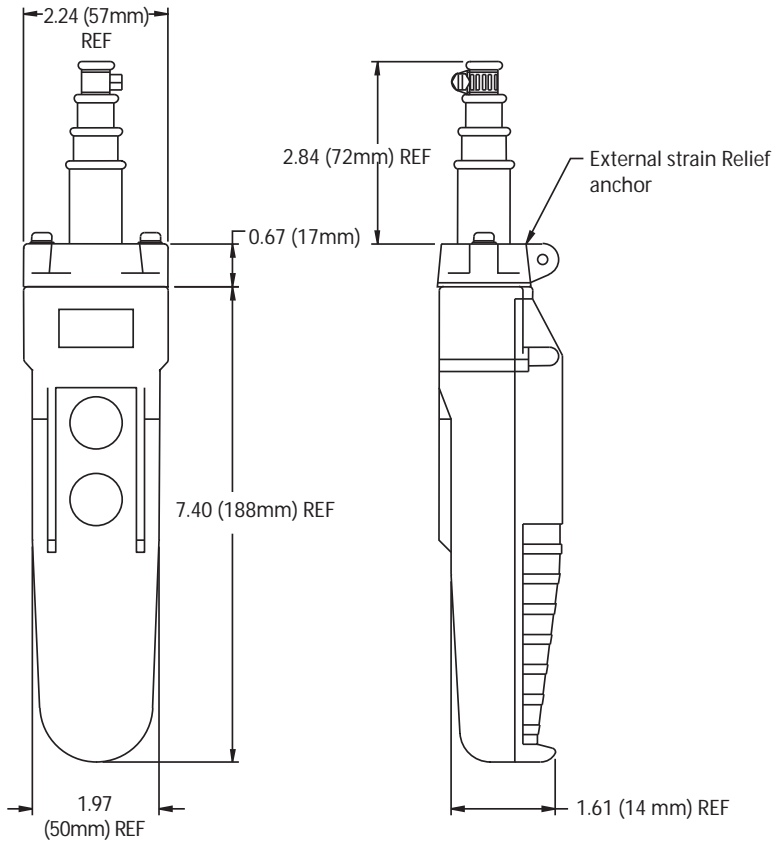
LS1

5500 General Duty

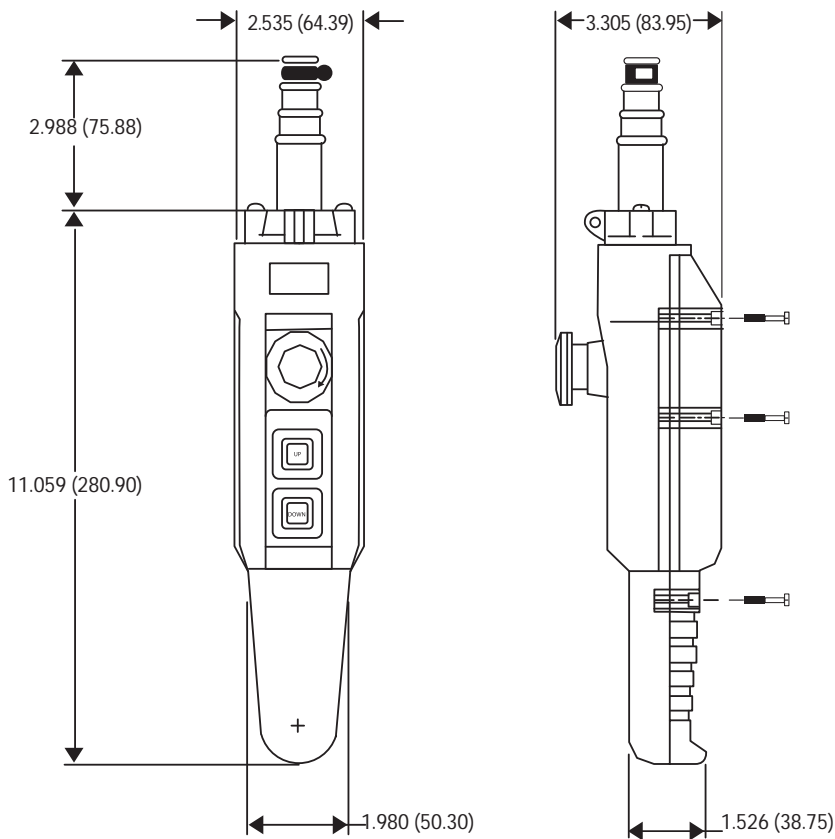


Number of Positions	A Dim.	B Dim.	C Dim.
2	4.49 in. (114 mm)	3.07 in. (78 mm)	1.46 in. (37 mm)
4	7.09 in. (180 mm)	3.07 in. (78 mm)	1.46 in. (37 mm)
6	10.31 in. (262 mm)	3.07 in. (82 mm)	1.48 in. (37.5 mm)
8	12.68 in. (322 mm)	3.23 in. (82 mm)	1.48 in. (37.5 mm)
10	15.24 in. (387 mm)	3.43 in. (87 mm)	1.48 in. (37.5 mm)
12	17.60 in. (447 mm)	3.43 in. (87 mm)	1.48 in. (37.5 mm)

5502 Pistol Grip



5503 Pistol Grip with Emergency Stop



① Number of switches (button holes) required (Round up to even #)

② List switches inserts & lamp/horn inserts as needed by Part. No. below.

③ List number of conductors per switch

④ Cable O.D.: _____
 Bushing and Cable Gland Part No. _____

2 _____

4 _____

6 _____

8 _____

10 _____

12 _____

of "Commons" Req'd: _____

Total No. of conductors required (sum of above) _____

HOW TO REQUEST A CUSTOM PENDANT STATION:

1. Determine your electrical needs and circuits.
2. Determine your number of conductors and conductor size.
3. Select your switches by part number that will operate your circuits.
 - a. Remember that most switches required two button locations in the housing
4. Fill in the form areas 1 through 5
5. Fax or scan/email the completed form to your local distributor or Ericson Factory

**OR
USE THE
ONLINE FORM**

⑤ Button Legend Sheet

A downloadable copy of this form is located at: www.ericson.com/technical-resource.html

Request Date: _____

Company: _____

Name: _____

Title: _____

Phone: _____

Fax: _____

E-mail: _____

Delivery Date Needed: _____

24/7 Emergency Assistance Hotline:
1-877-OSCAR99
(672-2799)



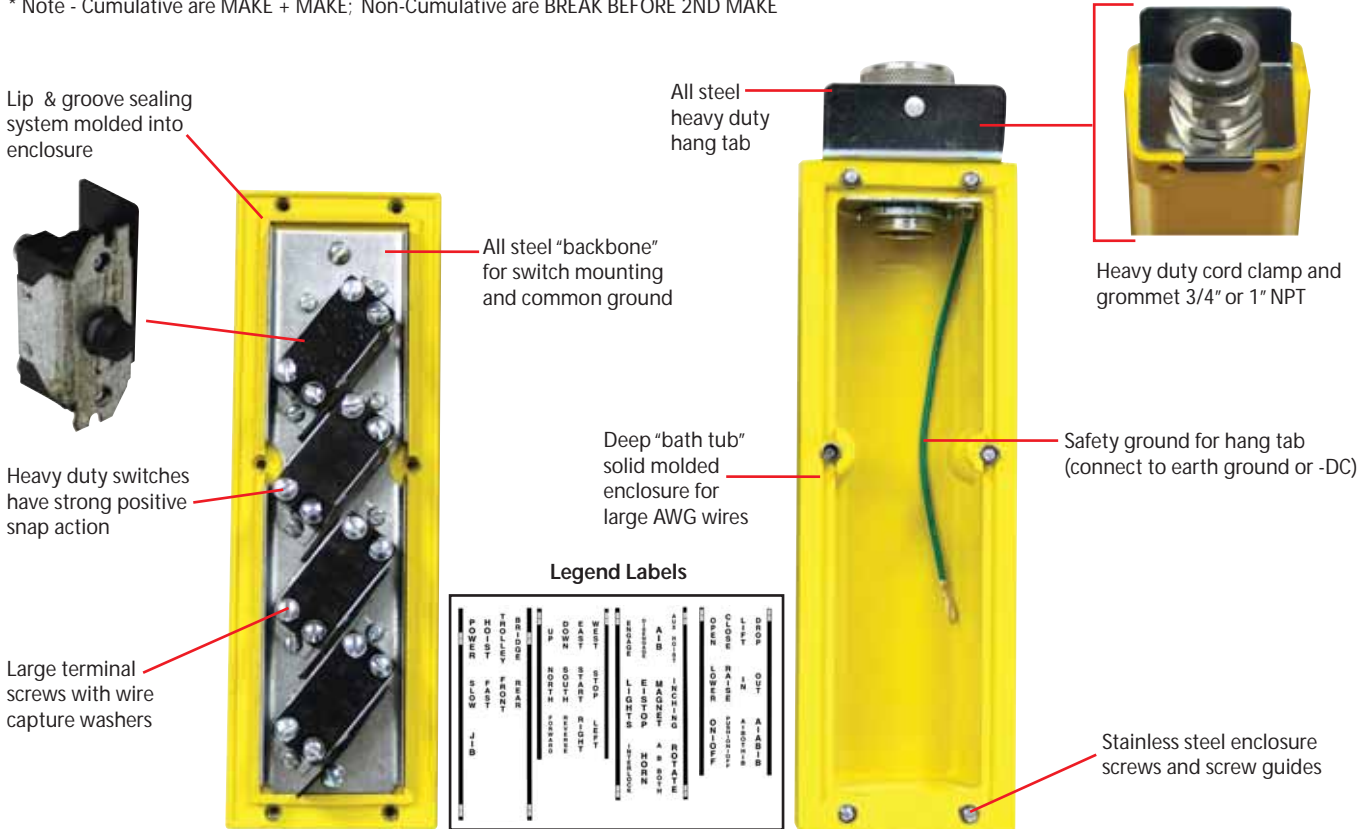
5700 Series Heavy Duty Rubber Enclosure Pendant Stations

- Available in 2 to 8 button configurations
- Single- and two-speed models
- Built-in strain relief bracket
- Rubber enclosure covers buttons to prevent outside contaminants from entering enclosure
- Standard legend plates and cord grip included with each pendant station
- Two-piece enclosure simplifies field wiring
- Soft pressure and positive indent switches provide optimum tactile feedback wo you can feel when switch has been engaged
- Contacts rated at 10A/125VAC
- NEMA Types 1, 3, 4 & 12

5700 Ready to Use Pendants

Item Number	DESCRIPTION	Buttons	Switch Contacts (each switch)	Switch Action	Speed	Replacement	Cable Dia	Cable Cord Clamp Size
5702	Pendant, 1 SPD, 2 Button, 2X5700	2	2 NO 2 NC	MOM	1	5700	.437 - .740 in.	3/4 NPT
5702-2A	Pendant, 2 SPD, 2 Button, 2X5700-2A, CUMUL	2	1NC + 2 NO CUMUL	MOM	2 Spd Cuml	5700-2A	.437 - .740 in.	3/4 NPT
5704	Pendant, 1 SPD, 4 Button, 4X5700	4	2 NO 2 NC	MOM	1	5700	.437 - .740 in.	3/4 NPT
5704-2A	Pendant, 2 SPD, 4 Button, 4X5700-2A, CUMUL	4	1NC + 2 NO CUMUL	MOM	2 Spd Cuml	5700-2A	.437 - .740 in.	3/4 NPT
5706	Pendant, 1 SPD, 6 Button, 6X5700	6	2 NO 2 NC	MOM	1	5700	.437 - .740 in.	3/4 NPT
5706-2A	Pendant, 2 SPD, 6 Button, 6X5700-2A, CUMUL	6	1NC + 2 NO CUMUL	MOM	2 Spd Cuml	5700-2A	.437 - .740 in.	3/4 NPT
5708	Pendant, 1 SPD, 8 Button, 8X5700	8	2 NO 2 NC	MOM	1	5700	.640 - .875 in.	1" NPT
5708-2A	Pendant, 2 SPD, 8 Button, 8X5700-2A, CUMUL	8	1NC + 2 NO CUMUL	MOM	2 Spd Cuml	5700-2A	.640 - .875 in.	1" NPT
Replacement Switches								
5700	Switch, Replacement, 5700 Series, 2 NO 2 NC MOM	1	2 NO 2 NC	MOM	1			
5700-1	Switch, Replacement, 5700 Series, 1 NO MAINT ON/OFF	1	1 NO	MAINT	1			
5700-1A	Switch, Replacement, 5700 Series, 1 NO MOM	1	1 NO	MOM	1			
5700-2	Switch, Replacement, 5700 Series, 2 SPD Non-Cumulative*	1	1NC + 2 NO CUMUL	MOM	2			
5700-2A	Switch, Replacement, 5700 Series, 2 SPD Cumulative*	1	1NC + 2 NO CUMUL	MOM	2			

* Note - Cumulative are MAKE + MAKE; Non-Cumulative are BREAK BEFORE 2ND MAKE



Schematic & Operation Diagrams



WARNING

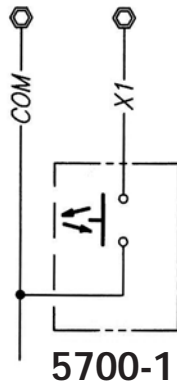
MAKE CERTAIN POWER SUPPLY IS DISCONNECTED BEFORE INSTALLING, REPAIRING, OR WORKING IN THE PROXIMITY OF ANY ELECTRICAL SYSTEM. ONLY QUALIFIED ELECTRICAL PERSONNEL SHOULD INSTALL OR REPAIR THESE PRODUCTS.

NOT DESIGNED FOR DC CIRCUITS

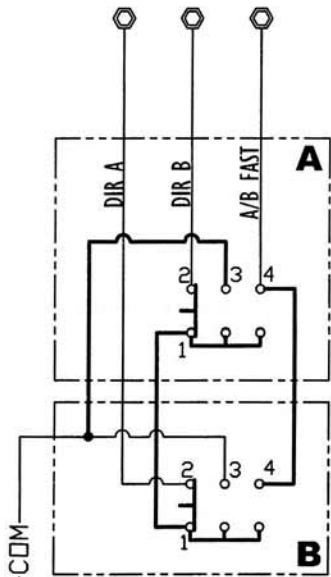
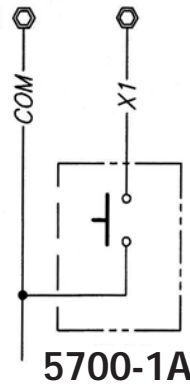
Start/Stop Inserts



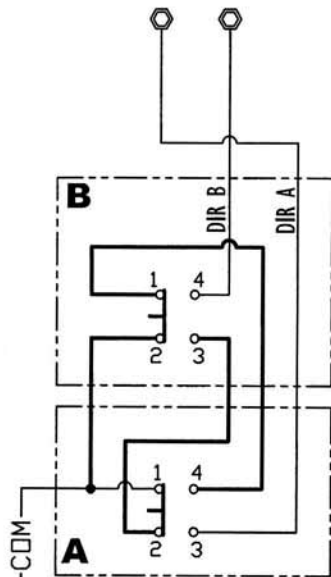
Maintained



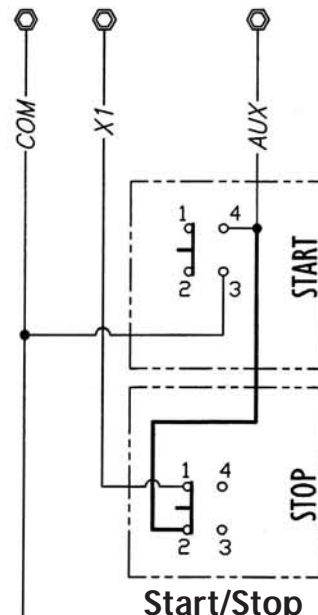
Momentary



Cumulative
Two Required Per Motion
5700-2A
10A Contacts

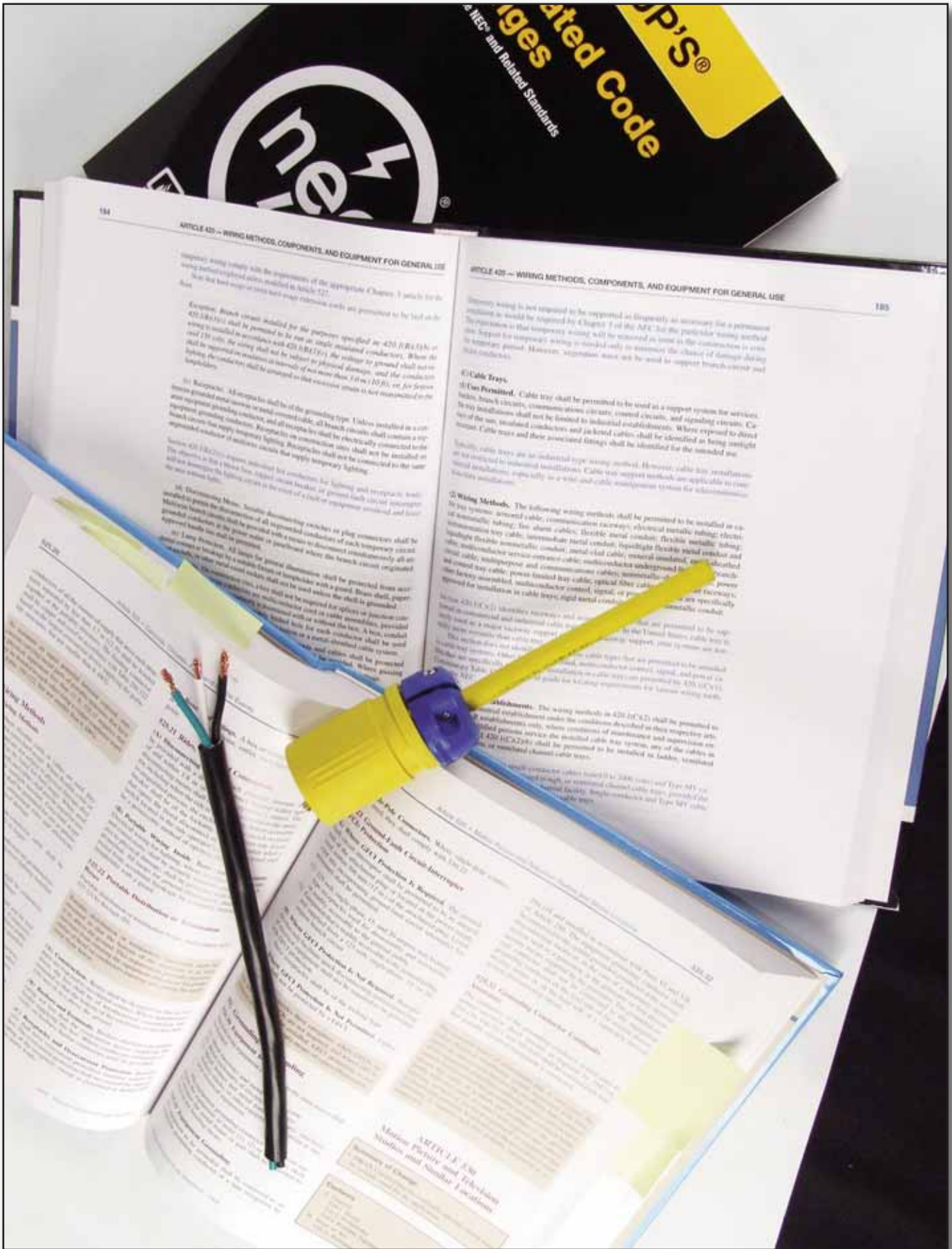


Interlocked
Two Required Per Motion
5700
20A Contacts



Start/Stop
Two Required
5700
20A Contacts





In the following pages you will find useful electrical industry information

- Lamp Comparison Chart
- NEMA Type Designations
- IP Rating System
- Hazardous Locations
- Temperature Conversion
- Metric Conversion Chart
- Electrical Formulas
- Glossary of Terms
- Metal Gang Box Danger
- Industrial Wiring Device Innovations
- OSHA Product Match

24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)

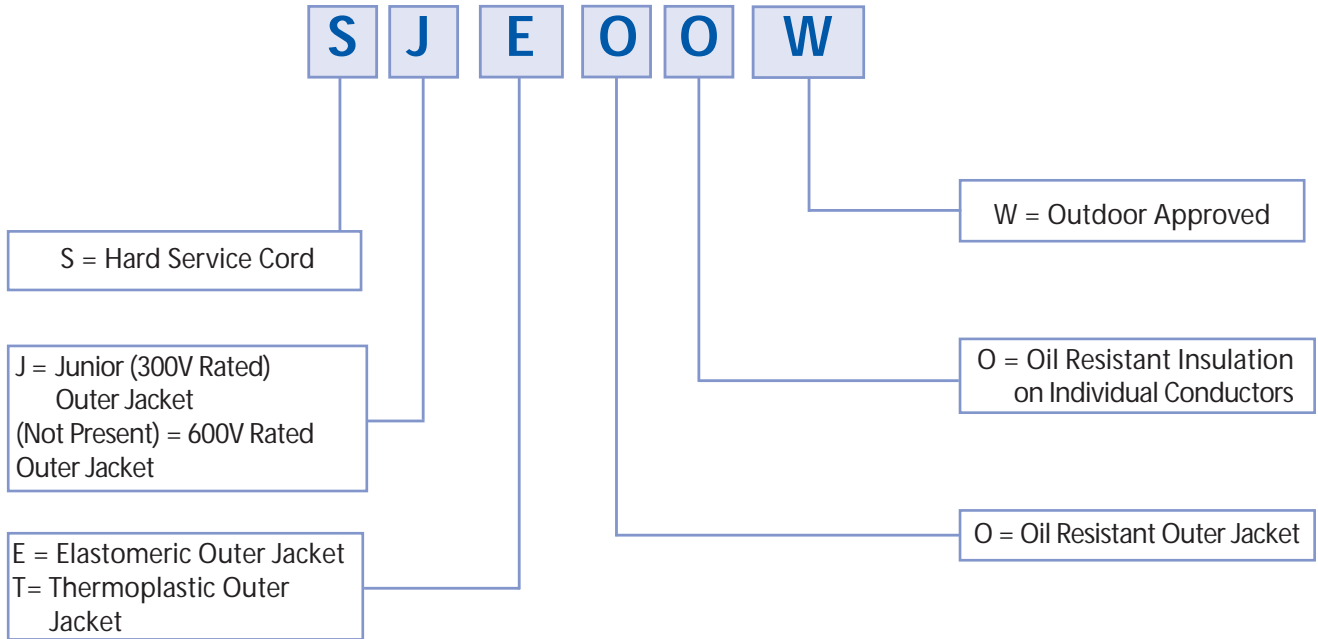


MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

Portable Electrical Cord Nomenclature



Diameter Ranges of Portable Electrical Cord In Accordance with UL 62

Type	AWG Size	2 Conductors	3 Conductors	4 Conductors
SJ, SJE, SJOO, SJO, SJEO, SJT, SJTO, SJTOO	18	0.280-0.315	0.300-0.335	0.325-0.365
	16	0.305-0.340	0.325-0.360	0.350-0.395
	14	0.335-0.375	0.360-0.395	0.390-0.435
	12	0.405-0.455	0.425-0.475	0.465-0.520
	10	0.540-0.605	0.565-0.635	0.625-0.700
S, SE, SOO, SO SEO, ST, STOO, STO	18	0.340-0.385	0.360-0.400	0.385-0.430
	16	0.365-0.410	0.385-0.430	0.410-0.460
	14	0.495-0.550	0.520-0.575	0.560-0.620
	12	0.565-0.625	0.590-0.655	0.640-0.710
	10	0.615-0.685	0.650-0.720	0.700-0.775
	8	0.780-0.880	0.830-0.930	0.925-1.050
	6	0.920-1.050	0.970-1.100	1.050-1.200
	4	1.060-1.210	1.130-1.280	1.250-1.450
2	1.210-1.400	1.300-1.500	1.450-1.650	

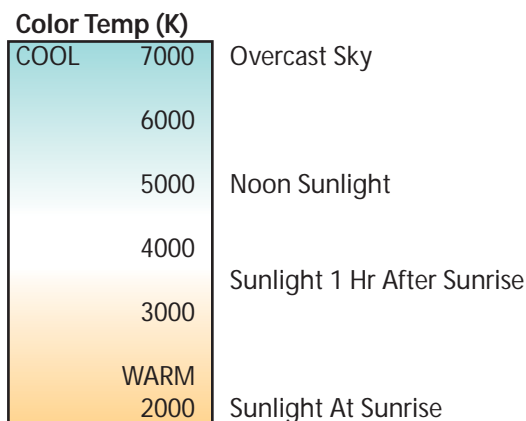
Lamp Comparison Chart

This Chart shows typical light output (lumens) & expected life (hour) of commonly used incandescent & fluorescent bulbs.

WATTAGE	TYPE	LUMENS	AVERAGE LIFE (HOURS)	CRI ⁽²⁾	COLOR ⁽³⁾ TEMP (°K)
60	Incandescent A19	865	1000	100	2800
75	Incandescent A19	1190	750	100	2800
100	Incandescent A19	1710	750	100	2800
13	Compact Fluorescent T4/5 Twin or Quad Tube	825	10,000	82	4100
26	Compact Fluorescent T4/5 Twin or Quad Tube	1710	10,000	82	4100
17	Fluorescent T8	1325	20,000	86	4100
25	Fluorescent T8	2080	20,000	86	4100
32	Fluorescent T8	2950	20,000	86	4100
40	Fluorescent T8	3600	20,000	84	4100
18	F18BX Fluorescent 2G11 Base BIAx	1250	20,000	82	4100
27	F27BX Fluorescent 2 G11 Base BIAx	1800	12,000	82	4100
39	F39BX Fluorescent 2G11 Base BIAx	2850	12,000	82	4100
15	F15T8 CW Fluorescent	825	7,500	60	4100
30	F30T12 CW Fluorescent	2200	18,000	72	4100
40	F40T12 CW Fluorescent	3350	20,000	80	4100
70	HID High Pressure Sodium	6400	24,000 +	22	1900
150	HID High Pressure Sodium	16000	24,000 +	22	2000
70	HID Metal Halide	5600	12,000	70	3200
175	HID Metal Halide	13600	10,000	65	4000
400	HID Metal Halide	36000	20,000	65	4000

Notes:

1. All based on 120V 60Hz input
2. Based on a scale from 1 to 100 where 100 represents sunlight. The higher the number the truer the color appears
3. Sunlight is simulated with a light that is about 5000 K. The higher the number the whiter the light



Environmental ratings for enclosures based on "NEMA" Type designations

"NEMA" Types From UL50 & UL508

Enclosure Type Designation	Intended Use and Description
1	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt.
2	Indoor use primarily to provide a degree of protection against limited amounts of falling dirt and water.
3	Outdoor use primarily to provide a degree of protection against rain, sleet, wind blown dust and damage from external ice formation.
3R	Outdoor use primarily to provide a degree of protection against rain, sleet, and damage from external ice formation.
3S	Outdoor use primarily to provide a degree of protection against rain, sleet, windblown dust and to provide for operation of external mechanisms when ice laden.
4	Indoor or outdoor use primarily to provide a degree of protection against windblown dust and rain, splashing water, hose-directed
4X	Indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.
5	Indoor use primarily to provide a degree of protection against settling airborne dust, falling dirt, and dripping noncorrosive liquids.
6	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, and the entry of water during occasional temporary submersion at a limited depth and damage from external ice formation.
6P	Indoor or outdoor use primarily to provide a degree of protection against hose-directed water, the entry of water during prolonged submersion at a limited depth and damage from external ice formation.
7	Indoor use in locations classified as Class I, Division 1, Groups A, B, C or D hazardous locations as defined in the National Electric Code (NFPA 70) (Commonly referred to as explosion-proof).
8	Indoor or outdoor use in locations classified as Class I, Division 2, Groups A, B, C or D hazardous locations as defined in the National Electric Code (NFPA 70) (commonly referred to as oil immersed).
9	Indoor use in locations classified as Class II, Division 1, Groups E, F and G hazardous locations as defined in the National Electric Code (NFPA 70) (commonly referred to as dust-ignition proof).
10	Intended to meet the applicable requirements of the Mine Safety and Health Administration (MSHA).
12 and 12K	Indoor use primarily to provide a degree of protection against circulating dust, falling dirt, and dripping noncorrosive liquids.
13	Indoor use primarily to provide a degree of protection against dust, spraying of water, oil, and noncorrosive coolant.

- a.) ANSI/UL50, Enclosures for Electrical Equipment for Types 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12, 12K and 13.
- b.) ANSI/UL698, Industrial Control Equipment for Use in Hazardous (Classified) Locations and other related standards for Types 7, 8 and 9.
- c.) ANSI/NEMA250, Enclosures for Electrical Equipment (1000 Volts Maximum) for Types 1, 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 7, 8, 9, 12, 12K and 13.

Comparison of "NEMA" Type and "IP" Code designations

Conversion of "NEMA" Type to "IP" Code designations*

Type Number	IP Designation
1	IP10
2	IP11
3	IP54
3R	IP54
3S	IP54
4 and 4X	IP56
5	IP52
6 and 6P	IP67
12 and 12K	IP52
13	IP54

*Table cannot be used to convert "IP" Codes to "NEMA" Types. See NEMA 250 for additional details.

TABLE 1 - CHARACTERISTICS DEFINED BY THE IEC Per Standard 60529

			Second Digit - Protection against the penetration of liquids									
			IP_0	IP_1	IP_2	IP_3	IP_4	IP_5	IP_6	IP_7	IP_8	
Non protected												
First Digit - Protection against persons - touching and ingress of solid foreign objects												
IP 0_		Without protection	IP 00									
IP 1_		Protection against touching with the hand and solid objects greater than 50mm dia.	IP 10	IP 11	IP 12							
IP 2_		Protection against touching with the finger and solid objects greater than 12mm dia.	IP 20	IP 21	IP 22	IP 23						
IP 3_		Protection against touching with tools, wires, etc. more than 2.5mm thick and solid objects greater than 2.5mm dia.	IP 30	IP 31	IP 32	IP 33	IP 34					
IP 4_		Protection against touching with tools, wires, etc. more than 1mm thick and solid objects greater than 1mm dia.	IP 40	IP 41	IP 42	IP 43	IP 44					
IP 5_		Unlimited protection against contact with live parts and damaging deposits of dust	IP 50				IP 54	IP 55				
IP 6_		Unlimited protection against contact with live parts and any penetration of dust	IP 60					IP 65	IP 66	IP 67	IP 68	

In some countries a third digit (for mechanical security) is added.

Class I Hazardous Locations

Flammable Gases, Vapor or Liquids Class I Area Classifications

Division 1:

Where ignitable concentrations of flammable gases, vapors or liquids can exist all of the time or some of the time under normal operating conditions.

Division 2:

Where ignitable concentrations of flammable gases, vapors or liquids are not likely under normal operating conditions.

Zone 0:

Where ignitable concentrations of flammable gases, vapors or liquids are present continuously or for long periods of time under normal operating conditions.

Zone 1:

Where ignitable concentrations of flammable gases, vapors or liquids are likely to exist under normal operating conditions.

Zone 2:

Where ignitable concentrations of flammable gases, vapors or liquids are not likely to exist under normal operating conditions.

Class I Groups

Division 1 and 2

- A (acetylene)
- B (hydrogen)
- C (ethylene)
- D (propane)

Zone 0, 1 and 2

- IIC (acetylene & hydrogen)
- IIB (ethylene)
- IIA (propane)

Class I Temperature Codes

Division 1 and 2

- T1 ($\leq 450^{\circ}\text{C}$)
- T2 ($\leq 300^{\circ}\text{C}$)
- T2A, T2B, T2C, T2D
($\leq 280^{\circ}\text{C}, \leq 260^{\circ}\text{C}, \leq 230^{\circ}\text{C}, \leq 215^{\circ}\text{C}$)
- T3 ($\leq 200^{\circ}\text{C}$)
- T3A, T3B, T3C
($\leq 180^{\circ}\text{C}, \leq 165^{\circ}\text{C}, \leq 160^{\circ}\text{C}$)
- T4 ($\leq 135^{\circ}\text{C}$)
- T4A ($\leq 120^{\circ}\text{C}$)
- T5 ($\leq 100^{\circ}\text{C}$)
- T6 ($\leq 85^{\circ}\text{C}$)

Zone 0, 1 and 2

- T1 ($\leq 450^{\circ}\text{C}$)
- T2 ($\leq 300^{\circ}\text{C}$)
-
- T3 ($\leq 200^{\circ}\text{C}$)
-
- T4 ($\leq 135^{\circ}\text{C}$)
-
- T5 ($\leq 100^{\circ}\text{C}$)
- T6 ($\leq 85^{\circ}\text{C}$)

Hazardous location information provided courtesy of UL copyright© 1999 Underwriters Laboratories, Inc.

Class II Hazardous Locations

Combustible Dusts

Class II Area Classifications

Division 1:

Where ignitable concentrations of combustible dusts can exist all of the time or some of the time under normal operating conditions.

Division 2:

Where ignitable concentrations of combustible dusts are not likely to exist under normal operating conditions.

Class II Groups

Division 1 and 2

E (metals--- Div. 1 only)
F (coal)
G (grain)

Class II Temperature Codes

Division 1 and 2

T1 ($\leq 450^{\circ}\text{C}$)
T2 ($\leq 300^{\circ}\text{C}$)
T2A, T2B, T2C, T2D
($\leq 280^{\circ}\text{C}, \leq 260^{\circ}\text{C}, \leq 230^{\circ}\text{C}, \leq 215^{\circ}\text{C}$)
T3 ($\leq 200^{\circ}\text{C}$)
T3A, T3B, T3C
($\leq 180^{\circ}\text{C}, \leq 165^{\circ}\text{C}, \leq 160^{\circ}\text{C}$)
T4 ($\leq 135^{\circ}\text{C}$)
T4A ($\leq 120^{\circ}\text{C}$)
T5 ($\leq 100^{\circ}\text{C}$)
T6 ($\leq 85^{\circ}\text{C}$)

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Class III Hazardous Locations

Ignitable Fibers & Flyings Class III Area Classifications

Division 1:

Where easily ignitable fibers or materials producing combustible flyings are handled, manufactured or used.

Division 2:

Where easily ignitable fibers are stored or handled.

Class III Temperature Codes

Division 1 and 2

None

Note: Article 503 of the NEC limits the maximum temperature for Class III equipment to 165°C for equipment not subject to overloading and to 120°C for equipment that maybe overloaded.

Class III Groups

Division 1 and 2

None

Hazardous Locations Markings

Class I, II & III Division 1 & 2 (U.S. & Canada) - This marking would include:

Class(es), Division(s), Gas/Dust Group(s), Temperature Code

Example: Class I, Division I, Group C & D, T4A

Class I, Zone 0, 1 & 2 (U.S. & Canada) - This marking would include:

Method A: For Zone Listings based on UL 2279 or the CSA-E79 Series

Class, Zone(s), Ex, Protection Method(s), Gas Group, Temperature Code

Example: Class I, Zone 1, Ex de IIB, T4

Method B: For Zone Listings based on UL or CSA Division Certification Documents

Class, Zone(s), Gas Group, Temperature Code

Example: Class I, Zone 1, Group IIB, T4

Note: For U.S. Zone Listings based on UL 2279, Article 505 of the 1999 NEC requires that the "Ex" element of the marking string shall read "AEx."

Note: For Canadian Zone listings based on the CSA-E79 Series, the "Class" and "Zone" elements of the marking string are optional.

Zone 0, 1 & 2 (IEC only) - This marking would include:

EEx, Protection Method(s), Gas Group, Temperature Code

Example: Ex de IIB T4

Zone 0, 1 & 2 (Europe only) - This marking would include:

EEx, Protection Method(s), Gas Group, Temperature Code

Example: EEx de IIB T4

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Temperature Conversion Chart

1. Locate known temperature in °C/°F column
2. Read converted temperature in °C or °F column

Example: To convert 75 F to Celsius...

Locate 75 in °C/°F column

Read converted temperature in C Column, 23.9 C

°C	°C/°F	°F	°C	°C/°F	°F	°C	°C/°F	°F
-40.0	-40	-40	40.6	105	221	123.9	255	491
-37.2	-35	-31	43.3	110	230	126.7	260	500
-34.4	-30	-22	46.1	115	239	129.4	265	509
-31.7	-25	-13	48.9	120	248	132.2	270	518
-28.9	-20	-4	51.7	125	257	135.0	275	527
-26.1	-15	5	54.4	130	266	137.8	280	536
-23.3	-10	14	57.2	135	275	140.6	285	545
-20.6	-5	23	60.0	140	284	143.3	290	554
-17.8	0	32	62.8	145	293	146.1	295	563
-15.0	5	41	65.6	150	302	148.9	300	572
-12.2	10	50	68.3	155	311	151.7	305	581
-9.4	15	59	71.1	160	320	154.4	310	590
-6.7	20	68	76.7	170	338	157.2	315	599
-3.9	25	77	79.4	175	347	160.0	320	608
-1.1	30	86	82.2	180	356	162.8	325	617
1.7	35	95	85.0	185	365	165.6	330	626
4.4	40	104	87.8	190	374	168.3	335	635
7.2	45	113	90.6	195	383	171.1	340	644
10.0	50	122	93.3	200	392	173.9	345	653
12.8	55	131	96.1	205	401	176.7	350	662
15.6	60	140	98.9	210	410	179.4	355	671
18.3	65	149	101.7	215	419	182.2	360	680
21.1	70	158	104.4	220	428	185.0	365	689
23.9	75	167	107.2	225	437	187.8	370	698
26.7	80	176	110.0	230	446	190.6	375	707
29.4	85	185	112.8	235	455	193.3	380	716
32.2	90	194	115.6	240	464	196.1	385	725
35.0	95	203	118.3	245	473	198.9	390	734
37.8	100	212	121.1	250	482	201.7	395	743

Temperature Conversion Formulas

$$^{\circ}\text{F} = (9/5 \times ^{\circ}\text{C}) + 32$$

$$^{\circ}\text{C} = 5/9 (^{\circ}\text{F} - 32)$$

Metric Conversion Chart

(Fraction Inch to Decimal Inch and Millimeters)

Fraction (In.)	Three Place Decimal (In.)	Three Place Decimal (mm)
1/64	0.016	0.397
1/32	.031	.794
3/64	.047	1.191
1/16	.062	1.588
5/64	.078	1.934
3/32	.094	2.381
7/64	.100	2.778
1/8	.125	3.175
9/64	.141	3.572
5/32	.156	3.969
11/64	.172	4.366
3/16	.188	4.763
13/64	.203	5.159
7/32	.219	5.556
15/64	.234	5.953
1/4	.250	6.350
17/64	.266	6.747
9/32	.281	7.144
19/64	.297	7.541
5/16	.312	7.938
21/64	.328	8.334
11/32	.344	8.731
23/64	.359	9.128
3/8	.375	9.525
25/64	.391	9.922
13/32	.406	10.319
27/64	.422	10.716
7/16	.438	11.113
29/64	.453	11.509
15/32	.469	11.906
31/64	.484	12.303
1/2	.500	12.700

Fraction (In.)	Three Place Decimal (In.)	Three Place Decimal (mm)
33/64	.516	13.097
17/32	.531	13.494
35/64	.547	13.891
9/16	.562	14.288
37/64	.578	14.684
19/32	.594	15.081
39/64	.609	15.478
5/8	.625	15.875
41/64	.641	16.272
21/32	.656	16.669
43/64	.672	17.066
11/16	.688	17.463
45/64	.703	17.859
23/32	.719	18.256
47/64	.734	18.653
3/4	.750	19.050
49/64	.766	19.447
25/32	.781	19.844
51/64	.797	20.241
13/16	.812	20.638
53/64	.828	21.034
27/32	.844	21.431
55/64	.859	21.828
7/8	.875	22.225
57/64	.891	22.622
29/32	.906	23.019
59/64	.922	23.416
15/16	.938	23.813
61/64	.953	24.209
31/32	.969	24.606
63/64	.984	25.003
1	1.000	25.400

Metric Conversion Formulas

To Obtain	Multiply
Millimeters	Inches x 25.4
Inches	Millimeters x 0.0394
Meter	Feet x .3048
Feet	Meters x 3.281
Square Centimeters	Square Inches x 6.45
Square Inches	Square Centimeters x 0.155
Kilograms	Pounds x 0.4536
Pounds	Kilograms x 2.205

OHMS Law

$$\text{Ohms} = \frac{\text{Volts}}{\text{Amperes}} \quad \text{Amperes} = \frac{\text{Volts}}{\text{Ohms}} \quad \text{Volts} = \text{Amperes} \times \text{Ohms}$$

Power

$$\text{Watts} = \text{Amperes} \times \text{Volts} \text{ or } \text{Amps} \times \text{Amps} \times \text{ohms, or } \frac{\text{Volts} \times \text{Volts}}{\text{ohms}}$$

$$\text{Amperes} = \frac{\text{Watts}}{\text{Volts}}$$

$$\text{HP} = \frac{\text{Volts} \times \text{Amps} \times \text{Efficiency}}{746}$$

$$\text{Power Factor} = \frac{\text{Watts}}{\text{Amperes} \times \text{Volts}}$$

$$\text{3-phase Amperes} = \frac{746 \times \text{HP (Horsepower)}}{1.732 \times \text{Volts} \times \text{Efficiency} \times \text{Power Factor}}$$

$$\text{Single-phase Kilowatts} = \frac{\text{Volts} \times \text{Amperes} \times \text{Power Factor}}{1000}$$

$$\text{Single-phase Amperes} = \frac{746 \times \text{HP (Horsepower)}}{\text{Volts} \times \text{Efficiency} \times \text{Power Factor}}$$

Approximate Voltage Drop for Various Extension Cord Gauges, Lengths, and Amps

Cord Length, feet	Current flowing through cord			
	10A	15A	20A	30A
Cord Size = #16 gauge wire				
10	1.0 V (0.8%)			
20	2.0 V (1.7%)			
30	2.9 V (2.4%)			
40	3.9 V (3.3%)			
50	4.9 V (4.1%)			
100	9.8 V (8.2%)			
Cord Size = #14 gauge wire				
10	0.6 V (0.5%)	0.9 V (0.8%)		
20	1.2 V (1.0%)	1.8 V (1.5%)		
30	1.8 V (1.5%)	2.7 V (2.3%)		
40	2.4 V (2.0%)	3.6 V (3.0%)		
50	3.0 V (2.5%)	4.6 V (3.8%)		
100	6.1 V (5.1%)	9.1 V (7.6%)		
Cord Size = #12 gauge wire				
10	0.4 V (0.3%)	0.6 V (0.5%)	0.8 V (1.7%)	
20	0.8 V (0.7%)	1.1 V (0.9%)	1.5 V (1.3%)	
30	1.1 V (0.9%)	1.7 V (1.4%)	2.3 V (1.9%)	
40	1.5 V (1.3%)	2.3 V (1.9%)	3.1 V (2.6%)	
50	1.9 V (1.6%)	2.9 V (2.4%)	3.8 V (3.2%)	
100	3.8 V (3.2%)	5.7 V (4.8%)	7.7 V (6.4%)	
Cord Size = #10 gauge wire				
10	0.2 V (0.2%)	0.4 V (0.3%)	0.5 V (0.4%)	0.7 V (0.6%)
20	0.5 V (0.4%)	0.7 V (0.6%)	1.0 V (0.8%)	1.4 V (1.2%)
30	0.7 V (0.6%)	1.1 V (0.9%)	1.4 V (1.2%)	2.2 V (1.8%)
40	1.0 V (0.8%)	1.4 V (1.2%)	1.9 V (1.6%)	2.9 V (2.4%)
50	1.2 V (1.0%)	1.8 V (1.5%)	2.4 V (2.0%)	3.6 V (3.0%)
100	2.4 V (2.0%)	3.6 V (3.0%)	4.8 V (4.0%)	7.2 V (6.0%)

Note 1: Numbers are rounded to the nearest 0.1V and 0.1%.

Note 2: Voltage drops shown are the same for any single-phase supply voltage. Voltage drop depends only on amps.

Note 3: Values are approximate, as they are affected by factors such as temperature.

Note 4: For a given cord size and amps, voltage drop is uniform over a length of cord, so for example, a 40 ft cord has twice the voltage drop as a 20 ft cord. That means the numbers in the voltage drop columns can be added together. For example, the voltage drop for a 70 ft cord can be found by adding together the voltage drops for a 30 ft cord and a 40 ft cord.



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

AC (Alternating Current) - An electrical current that reverses direction in a circuit at regular intervals, such as normal household current.

Adapter - Device that adapts one form or size of connection to another.

ALCI - Appliance Leakage Current Interrupter. An ALCI is a device intended to be used in conjunction with an electrical appliance whose function is to interrupt both conductors of the electric circuit to a load when a fault current to ground exceeds 4-6 mA and is less than that required to operate the overcurrent protection device of the circuit. The ALCI is intended to be used only in a circuit that has a solidly grounded neutral conductor, and is required. ALCIs are considered "personal protection" devices and contain the following features: a) Can function either line polarity, and b) Other features may or may not be provided.

Ambient Temperature - The temperature of a medium (gas or liquid) surrounding an object.

Ampacity - The current in amperes that a conductor can carry continuously under the conditions of use without exceeding its temperature rating.

Ampere - The unit of current. One ampere is the current flowing through one ohm of resistance at one volt potential.

Attachment Plug - Male contact device for the readily detachable connection of a flexible cord or cable to receptacles, connectors, flanged equipment power outlets, etc.

Auto Reset - GFCI that powers-up automatically upon plug-in and after power loss. User must press the reset button in the event of a ground fault to restore power.

AWG - American Wire Gauge. A relative system for the designation of wire diameter.

Braid - A fibrous or metallic group of filaments interwoven in cylindrical form to form a covering over one or more wires. Typically used to add mechanical strength & abrasion resistance to flexible cord.

Circuit (Electric) - The complete path of an electrical current. When the continuity is broken, it is called an open circuit; when continuity is maintained, it is called a closed circuit.

Collector Ring - A collector ring is an assembly of slip rings for transferring electrical energy from a stationary to a rotating member.

Conductor - An uninsulated wire suitable for carrying electrical current.

Confined Space ⁽¹⁾ - OSHA defines a confined space as an area that: (1) is large enough and so configured that an employee can bodily enter and perform assigned work; and (2) has limited or restricted means for entry or exit (for example, tanks, vessels, silos, storage bins, hoppers, vaults, and pits are spaces that may have limited means of entry); and (3) is not designed for continuous employee occupancy ¹.

Contacts - The parts of the connector that actually carry the electrical current, and are touched together or separated to control the flow.

Continuity Check - A test to determine whether electrical current flows continuously throughout the length of a single wire or individual wires in a cable.

Cord - A flexible insulated cable.

Cord Connector - Female contact device used in making a detachable connection to an attachment plug or a flanged equipment power inlet.

Cord Grip - Means by which the flexible cord entering a device is gripped in order to relieve stress on the terminals from tension applied to the cord.

CSA - Canadian Standards Association. This is a nonprofit, independent organization that operates a listing service for electronic materials and equipment. The Canadian counterpart of the Underwriters Laboratories.

Current Carrying Capacity - The maximum current an insulated conductor can safely carry without exceeding its insulation and jacket temperature limitations.

1. Source OSHA web site www.osha.gov

DC (Direct Current) - An electric current that flows only in one direction through a circuit, such as battery power.

Damp location - Partially protected locations under canopies, marquees, roofed open porches, and like locations, and interior locations subject to moderate degrees of moisture, such as some basements.

Dead Front - Without live parts exposed to a person on the operating side of the equipment.

Dielectric Strength - The voltage that an insulation can withstand before breakdown occurs. Usually expressed as a voltage gradient (such as volts per mil).

Dry Location - A location not normally subject to dampness or wetness. A location classified as dry may be temporarily subject to dampness or wetness, as in the case of a building under construction.

Dustproof - So constructed or protected that dust will not interfere with its successful operation.

EMI - Abbreviation for electromagnetic interference.

Elastomer - Macromolecular material that at room temperature returns rapidly to approximately its initial dimensions and shape after substantial deformation by a weak stress and release of that stress.

ELCI - Equipment Leakage Current Interrupter. The ELCI is a device intended to provide leakage current protection in appliances and utilization equipment whose function is to interrupt all ungrounded conductors of the supply circuit to electrical equipment in the event a current, in excess of the trip current, occurs between live parts and the grounded enclosure of other grounded parts. An ELCI is not intended to be used in place of a GFCI, ALCI, or IDCI and may have any trip current value greater than **6 mA**. The use of an ELCI is not intended to replace or supersede the overcurrent protection requirements concerning trip current and time. ELCIs are considered "equipment protection" devices, not personal protection devices.

Flame Resistance - The ability of a material not to propagate flame once the heat source is removed.

Gauge - A term used to denote the physical size of a wire. See AWG.

GFCI - Ground Fault Circuit Interrupter, also known as a GFI. A device intended for the protection of personnel as well as equipment. It de-energizes a circuit within an established period of time (25 ms) when a current to ground exceeds some predetermined value (4-6 mA, for a Class A GFCI) that is less than that required to operate the overcurrent protective device of the supply circuit.

GFCI - (Class A) - Denotes a ground fault circuit interrupter that will trip when a fault current to ground is 6 mA or more.

Ground - An electrical term meaning to connect to the earth or other large conducting body to serve as an earth, thus making a complete electrical circuit.

Ground Fault - An unintentional electrical path between a part operating normally at some potential to ground, and ground.

Grounded Neutral - GFCI will automatically trip if the neutral conductor is grounded on the load side of the device (after sensor). If the load side neutral is shorted to ground and also a ground fault occurred simultaneously, some of the fault current would flow through the neutral wire to the sensor and some would flow through the inadvertent ground path. If such a ground connection occurred, it would be possible for a person to contact a hot wire and ground, having the ground fault current flow through the inadvertent neutral ground and the neutral to the service entrance. Under this condition, there may not be enough imbalance in current through the sensor to cause the GFCI to trip.

Hospital Grade - A device constructed to meet performance requirements of high abuse areas found in hospital locations, tested to "Hospital Grade" requirements of Underwriters' Laboratories Standard UL 498.

Incandescent - Method for producing light by heating a thin filament.

Manual Reset - GFCI that requires the user to press the reset button upon plug-in, after power loss to prevent accidental equipment start-up and in the event of a ground fault to restore power.

Motor - Circuit Switch - A switch, rated in horsepower, capable of interrupting the maximum operating overload current of a motor of the same horsepower rating as the switch at the rated voltage.

NEMA - National Electrical Manufacturers Association.

NEMA 4X - An enclosure rating per UL50 and UL508 indicating that the product is intended for indoor or outdoor use primarily to provide a degree of protection against corrosion, windblown dust and rain, splashing water, hose-directed water, and damage from external ice formation.

NFPA - National Fire Protection Association.

Nuisance Trip - Tripping caused by conditions other than those for which the device is intended to respond.

Open Neutral Protection - GFCI will automatically trip when the neutral connection is lost. When the neutral connection is open, this creates an unsafe condition where the available current has lost its normal flow path, thus increasing the potential for the current to flow elsewhere.

OSHA - Occupational Safety and Health Act. Specifically the Williams-Steiger Law passed in 1970 covering all factors relating to safety in places of employment.

Overcurrent - Any current in excess of the rated current of equipment or the ampacity of a conductor. It may result from overload (see definition), short circuit, or ground fault. A current in excess of rating may be accommodated by certain equipment and conductors for a given set of conditions. Hence the rules for overcurrent protection are specific for particular situations.

Overload - Operation of equipment in excess of normal, full load rating, or of a conductor in excess of rated ampacity which, when it persists for a sufficient length of time, would cause damage or dangerous overheating. A fault, such as a short circuit or ground fault, is not an overload (See "Overcurrent").

Primary - The line (Power source) side of a device.

PVC - Polyvinyl Chloride. Compound used in thermoplastic (SJTW - STW) cords.

Rated Voltage - The maximum voltage at which an electrical component can operate for extended periods without undue degradation or safety hazard.

RFI - Abbreviation for radio frequency interference.

Reverse Polarity - Condition where the Hot and Neutral connections are switched.

Secondary - The load (equipment) side of a device.

SEOW - Extra Hard Service cord. 600v, oil resistant thermoplastic elastomer outer jacket. Weather resistant for outdoor use.

SJEOW - Junior hard service cord. 300v, oil resistant thermoplastic elastomer outer jacket. Weather resistant for outdoor use.

SJTW - Hard Service cord. 300v thermoplastic outer jacket. Weather resistant for outdoor use.

SOW - Hard service cord. 600v rubber outer jacket. Weather resistant for outdoor use.

SPT-1 - Thermoplastic constructed, parallel jacketed. 300 volt 2 or 3 conductor, 18 gauge.

SPT-2 - Same as SPT-1 but heavier construction. 18-16 gauge.

SPT-3 - Same as SPT-2 but heavier construction. 18-10 gauge.

STW - Extra Hard Service cord. 600v thermoplastic outer jacket. Weather resistant for outdoor use.

SVT - Vacuum cleaner service cord. All plastic construction, 2 or 3 conductors.

Thermoplastic - A material that softens when heated and becomes firm on cooling.

Glossary of Terms

Thermoset - A material that hardens or sets when heat is applied and that, once set, cannot be resoftened by heating. The application of heat is called "curing".

TPE - Abbreviation for thermoplastic elastomer. A compound used in Portable/flexible cords (SEOW, SJEOW).

Trip - Denotes automatic interruption by the GFCI of the electrical circuit to load.

Trip Time - The elapsed interval between the time when the ground fault current is first applied and the time when the circuit is interrupted.

UL - Abbreviation for Underwriters Laboratories, a non-profit independent organization that operates a listing service for electrical and electronic materials and equipment.

UL Listed - Indicates an item has been tested and approved to the safety standards established by Underwriters' Laboratories.

UL Recognized - Refers to products that have been tested and approved to the safety standards established by Underwriters' Laboratories & are typically used as components of a final assembly.

VRMS - Voltage (root mean square).

Voltage - The term most often used in place of electromotive force, potential, potential difference, or voltage drop to designate the electrical pressure that exists between two points and is capable of producing a current when a closed circuit is connected between two points.

Weatherproof - So constructed or protected that exposure to the weather will not interfere with successful operation. Rainproof, raintight, or watertight equipment can fulfill the requirements for weatherproof where varying weather conditions other than wetness, such as snow, ice dust, or temperature extremes, are not a factor.

Wet location - Installations underground or in concrete slabs or masonry in direct contact with the earth, and locations subject to saturation with water or other liquids, such as locations exposed to weather and unprotected.

Metal Gang Box Danger



Metal Gang Box

The "traditional" metal gang box on the end of a cord has been a danger for many years.

There are several reasons for the danger:

- Metal boxes are designed for permanently wired installations, not portable temp power.
- No weatherproofing except for outdoor location FS types.
- HOT box danger. (See below)
- Hand Hazard with sharp edges

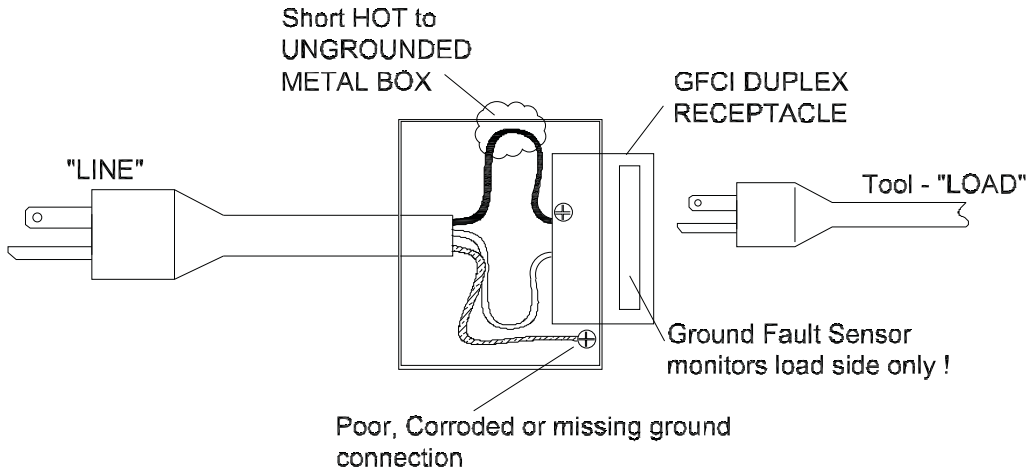


8000 Series



6102 Series

The GFCI False Sense of Security



As the diagram shows, the metal gang box can have a common situation in which the earth ground is poor or not connected. There can be a hot short to the metal box in which you now have a "hot" box. The short will not trip the circuit breaker nor will the GFCI trip. The GFCI sensor only watches the "load" side of the receptacle, not the line side. The GFCI is worthless in this situation.

Ericson's Industrial Wiring Device Innovations Revolutionized Electrical Safety

Sixty cents. That's what it would have cost in 1918 to purchase one of the first insulating Rubber Handles for one of your Extension Light, or Drop Lights as they were called in those days. The C & E Universal Safety Handle was molded of a heavy duty rubber compound and was designed for use with either keyed or keyless sockets to protect workers from electrical shocks and to add to the service life of the lights. Many lamp guards up to that point were made of wood which proved too fragile to withstand the many industrial uses to which they were put.

C & E was the forerunner of today's Ericson Manufacturing Co., founded by Edward O. Ericson. Ericson pioneered the development of a variety of important safety electrical devices.

Ericson devoted his attention to industrial applications. There was a great need for safe products for workers using electricity. Simple, molded rubber hand lamp handles (which he had patented in 1918) gave way to more sophisticated designs made of a variety of materials, each providing increasingly better electrical safety, durability and price advantages.

Ericson also pioneered in this area, and in 1927 introduced the first Insulated Hand Lamp Guards. The basic guard included a 1/16-in. thick electrolytically bonded insulation coating of the "toughest kind of rubber" that withstood dielectric tests of more than 4,000 volts. They provided a high degree of electrical safety and added to a lamp's service life under the roughest conditions.

Ericson's invention of the first "Dead-Front, Back-Wired" Electrical Plug in 1929 is perhaps the single most important development in the wiring device industry in the past seventy-plus years. U.S. Patent # 2,061,190 was assigned to it in 1936.

Older plugs and connectors had the wiring come through from the back. They were wired in the front end where the connections were visible and were susceptible to damage from moisture, dirt, tools, etc. (Fiber discs, and later plastic discs, were used to cover these wiring areas, but they often came off during use.) The Ericson "Dead-Front, Back-Wired" design placed the wiring connections at the rear of the plug with the front end closed off by a structural member of the device. The blades were held firmly and permanently in alignment.

There were no rivets to loosen or fiber to warp. Connections on the inside were protected. Cord grips kept tension off the terminals. Flexible shanks took the wear off the cord. They were easy to wire in the field. Newer variations are now even quicker and easier to wire: the stripped wires are inserted in holes, where simple screw tightening secures them in place.

Many products available today reach beyond being simple plugs or connectors. They are all, however, dead-front, back-wired devices. Our Perma-Tite® 2 Plugs and Connectors have unique features to protect the internals from moisture, dust and dirt. And covers using new, high tech materials resist chemicals, acids and oils to provide greater service life in extremely hazardous environments.



Plug into history: Before 1929 (top), plug connections were exposed. The first dead-front, back-wired plug created by Ericson (middle) revolutionized the industry, and eventually led to modern plugs (bottom) with such amenities as built-in ground and continuity monitors.

Ericson's Perma-Watch® Plugs and Connectors have built-in Ground and Continuity Monitor Devices to help workers determine at a glance whether their electrical power source's grounding system is safe. The GCM's have internal LED lamps that glow when the line has ground continuity. These devices also can help cut as much as 90% of the cost of maintaining OSHA required records for extension cord sets and temporary job site receptacles.

Ericson's dead-front, back-wired 1929 design is important: both the National Electrical Code and OSHA still require its use.

OSHA Product Match

TECHNICAL REFERENCE

Topic	Regulation	Ericson Product
General Wiring	1926.404(a)(2) Polarity of connections. No grounded conductor shall be attached to any terminal or lead so as to reverse designated polarity.	Plugs and Connectors
Wiring Devices	1926.404(a)(3) Use of grounding terminals and devices. A grounding terminal or grounding-type device on a receptacle, cord connector, or attachment plug shall not be used for purposes other than grounding.	
Ground Fault Protection	1926.404(b)(1)(i) General. The employer shall use either ground fault circuit interrupters as specified in paragraph (b)(1)(ii) of this section or an assured equipment grounding conductor program as specified in paragraph (b)(1)(iii) of this section to protect employees on construction sites. These requirements are in addition to any other requirements for equipment grounding conductors.	GFCI
	1926.404(b)(1)(ii) Ground-fault circuit interrupters. All 120-volt, single-phase 15- and 20-ampere receptacle outlets on construction sites, which are not a part of the permanent wiring of the building or structure and which are in use by employees, shall have approved ground-fault circuit interrupters for personnel protection. Receptacles on a two-wire, single-phase portable or vehicle-mounted generator rated not more than 5kW, where the circuit conductors of the generator are insulated from the generator frame and all other grounded surfaces, need not be protected with ground-fault circuit interrupters.	
Assured Equipment Grounding Conductor Program	1926.404(b)(1)(iii) Assured equipment grounding conductor program. The employer shall establish and implement an assured equipment grounding conductor program on construction sites covering all cord sets, receptacles which are not a part of the building or structure, and equipment connected by cord and plug which are available for use or used by employees. This program shall comply with the following minimum requirements:	GFCI Oscars™ Smart Monitor Plugs/Connectors
	1926.404(b)(1)(iii)(A) A written description of the program, including the specific procedures adopted by the employer, shall be available at the jobsite for inspection and copying by the Assistant Secretary and any affected employee.	
	1926.404(b)(1)(iii)(B) The employer shall designate one or more competent persons (as defined in 1926.32(f)) to implement the program.	
	1926.404(b)(1)(iii)(C) Each cord set, attachment cap, plug and receptacle of cord sets, and any equipment connected by cord and plug, except cord sets and receptacles which are fixed and not exposed to damage, shall be visually inspected before each day's use for external defects, such as deformed or missing pins or insulation damage, and for indications of possible internal damage. Equipment found damaged or defective shall not be used until repaired.	
	1926.404(b)(1)(iii)(D) The following tests shall be performed on all cord sets, receptacles which are not a part of the permanent wiring of the building or structure, and cord- and plug-connected equipment required to be grounded:	
	1926.404(b)(1)(iii)(D)(1) All equipment grounding conductors shall be tested for continuity and shall be electrically continuous.	
	1926.404(b)(1)(iii)(D)(2) Each receptacle and attachment cap or plug shall be tested for correct attachment of the equipment grounding conductor. The equipment grounding conductor shall be connected to its proper terminal.	
	1926.404(b)(1)(iii)(E) All required tests shall be performed:	
	1926.404(b)(1)(iii)(E)(1) Before first use	
	1926.404(b)(1)(iii)(E)(2) Before equipment is returned to service following any repairs	
	1926.404(b)(1)(iii)(E)(3) Before equipment is used after any incident which can be reasonably suspected to have caused damage (for example, when a cord set is run over) and	
	1926.404(b)(1)(iii)(E)(4) At intervals not to exceed 3 months, except that cord sets and receptacles which are fixed and not exposed to damage shall be tested at intervals not exceeding 6 months.	
	1926.404(b)(1)(iii)(F) The employer shall not make available or permit the use by employees of any equipment which has not met the requirements of this paragraph (b)(1)(iii) of this section.	
1926.404(b)(1)(iii)(G) Tests performed as required in this paragraph shall be recorded. This test record shall identify each receptacle, cord set, and cord- and plug-connected equipment that passed the test and shall indicate the last date it was tested or the interval for which it was tested. This record shall be kept by means of logs, color coding, or other effective means and shall be maintained until replaced by a more current record. The record shall be made available on the jobsite for inspection by the Assistant Secretary and any affected employee.		

Topic	Regulation	Ericson Product
Electrical Grounding Safety for Generator or Transformer Derived Power	1926.404(f)(2) Separately derived systems. Where paragraph (f)(1) of this section requires grounding of wiring systems whose power is derived from generator, transformer, or converter windings and has no direct electrical connection, including a solidly connected grounded circuit conductor, to supply conductors originating in another system, paragraph (f)(5) of this section shall also apply.	e-Cart™2 e-Cart™ Jr
	1926.404(f)(3)(iii) Neutral conductor bonding. A neutral conductor shall be bonded to the generator frame if the generator is a component of a separately derived system. No other conductor need be bonded to the generator frame.	
	1926.404(f)(5)(i) Grounded system. For a grounded system, a grounding electrode conductor shall be used to connect both the equipment grounding conductor and the grounded circuit conductor to the grounding electrode. Both the equipment grounding conductor and the grounding electrode conductor shall be connected to the grounded circuit conductor on the supply side of the service disconnecting means, or on the supply side of the system disconnecting means or overcurrent devices if the system is separately derived.	

Topic	Regulation	Ericson Product
Cord Connected Equipment	1926.404(f)(7)(iv) Equipment connected by cord and plug. Under any of the conditions described in paragraphs (f)(7)(iv)(A) through (f)(7)(iv)(C) of this section, exposed non-current-carrying metal parts of cord- and plug-connected equipment which may become energized shall be grounded:	e-Cart™, Oscar™ Series
	1926.404(f)(7)(iv)(A) If in a hazardous (classified) location (see 1926.407).	Hazardous Location Lighting
	1926.404(f)(7)(iv)(B) If operated at over 150 volts to ground, except for guarded motors and metal frames of electrically heated appliances if the appliance frames are permanently and effectively insulated from ground.	Ericson Temporary Cordsets and Wiring Devices
	1926.404(f)(7)(iv)(C)(1) Hand held motor-operated tools	
	1926.404(f)(7)(iv)(C)(2) Cord- and plug-connected equipment used in damp or wet locations or by employees standing on the ground or on metal floors or working inside of metal tanks or boilers	
	1926.404(f)(7)(iv)(C)(4) Tools likely to be used in wet and/or conductive locations	Ericson Temporary Lighting Products
	1926.404(f)(7)(iv)(C)(5) Portable hand lamps.	
1926.404(f)(7)(iv)(C)(6) Tools likely to be used in wet and/or conductive locations need not be grounded if supplied through an isolating transformer with an ungrounded secondary of not over 50 volts. Listed or labeled portable tools and appliances protected by a system of double insulation, or its equivalent, need not be grounded. If such a system is employed, the equipment shall be distinctively marked to indicate that the tool or appliance utilizes a system of double insulation.	Low Voltage Lighting Products	



Topic	Regulation	Ericson Product
Temporary Wiring	1926.405(a)(2)(i) Scope. The provisions of paragraph (a)(2) of this section apply to temporary electrical power and lighting wiring methods which may be of a class less than would be required for a permanent installation. Except as specifically modified in paragraph (a)(2) of this section, all other requirements of this subpart for permanent wiring shall apply to temporary wiring installations. Temporary wiring shall be removed immediately upon completion of construction or the purpose for which the wiring was installed.	Stringlights and Cordsets
	1926.405(a)(2)(ii)(B) Branch circuits shall originate in a power outlet or panelboard. Conductors shall be run as multiconductor cord or cable assemblies or open conductors, or shall be run in raceways. All conductors shall be protected by overcurrent devices at their ampacity. Runs of open conductors shall be located where the conductors will not be subject to physical damage, and the conductors shall be fastened at intervals not exceeding 10 feet (3.05 m). No branch-circuit conductors shall be laid on the floor. Each branch circuit that supplies receptacles or fixed equipment shall contain a separate equipment grounding conductor if the branch circuit is run as open conductors.	e-Cart™ and Oscar™ Series
	1926.405(a)(2)(ii)(C) Receptacles shall be of the grounding type. Unless installed in a complete metallic raceway, each branch circuit shall contain a separate equipment grounding conductor, and all receptacles shall be electrically connected to the grounding conductor. Receptacles for uses other than temporary lighting shall not be installed on branch circuits which supply temporary lighting. Receptacles shall not be connected to the same ungrounded conductor of multiwire circuits which supply temporary lighting.	e-Cart™ and Oscar™ Series
	1926.405(a)(2)(ii)(D) Disconnecting switches or plug connectors shall be installed to permit the disconnection of all ungrounded conductors of each temporary circuit.	Ericson Wiring Devices
Lamp Guards on All Lighting	1926.405(a)(2)(ii)(E) All lamps for general illumination shall be protected from accidental contact or breakage. Metal-case sockets shall be grounded.	Ericson Lamp Guards
Temporary Lighting Mounting	1926.405(a)(2)(ii)(F) Temporary lights shall not be suspended by their electric cords unless cords and lights are designed for this means of suspension.	Stringlights
Low Voltage Lighting	1926.405(a)(2)(ii)(G) Portable electric lighting used in wet and/or other conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less. However, 120-volt lights may be used if protected by a ground-fault circuit interrupter.	Low Voltage Lighting
Cord Protection	1926.405(a)(2)(ii)(I) Flexible cords and cables shall be protected from damage. Sharp corners and projections shall be avoided. Flexible cords and cables may pass through doorways or other pinch points, if protection is provided to avoid damage.	CP5-36 Cable Protectors
Flexible Cords	1926.405(a)(2)(ii)(J) Extension cord sets used with portable electric tools and appliances shall be of three-wire type and shall be designed for hard or extra-hard usage. Flexible cords used with temporary and portable lights shall be designed for hard or extra-hard usage.	Ericson Temporary Cordsets
	1926.405(g)(2)(iv) Strain relief. Flexible cords shall be connected to devices and fittings so that strain relief is provided which will prevent pull from being directly transmitted to joints or terminal screws.	6000, 7000 and 8000 Series Boxes and Covers

Topic	Regulation	Ericson Product
Portable Lighting	1926.405(j)(1)(iii) Portable lamps. Portable lamps shall be wired with flexible cord and an attachment plug of the polarized or grounding type. If the portable lamp uses an Edison-based lampholder, the grounded conductor shall be identified and attached to the screw shell and the identified blade of the attachment plug. In addition, portable handlamps shall comply with the following:	Ericson Lighting Products and Wiring Devices
Handlamps	1926.405(j)(1)(iii)(B) Handlamps shall be equipped with a handle of molded composition or other insulating material	Ericson Lighting Products
	1926.405(j)(1)(iii)(C) Handlamps shall be equipped with a substantial guard attached to the lampholder or handle	
Metal Guards on Stringlights	1926.405(j)(1)(iii)(D) Metallic guards shall be grounded by the means of an equipment grounding conductor run within the power supply cord.	Ericson Lighting Products
Weather Proof Lampholders	1926.405(j)(1)(iv) Lampholders. Lampholders of the screw-shell type shall be installed for use as lampholders only. Lampholders installed in wet or damp locations shall be of the weatherproof type.	Ericson Lighting Products
Lighting Fixtures in Wet Locations	1926.405(j)(1)(v) Fixtures. Fixtures installed in wet or damp locations shall be identified for the purpose and shall be installed so that water cannot enter or accumulate in wireways, lampholders, or other electrical parts.	Ericson Lighting Products
Plugs / Connectors	1926.405(j)(2)(i) Configuration. Receptacles, cord connectors, and attachment plugs shall be constructed so that no receptacle or cord connector will accept an attachment plug with a different voltage or current rating than that for which the device is intended. However, a 20-ampere T-slot receptacle or cord connector may accept a 15-ampere attachment plug of the same voltage rating. Receptacles connected to circuits having different voltages, frequencies, or types of current (ac or dc) on the same premises shall be of such design that the attachment plugs used on these circuits are not interchangeable.	Ericson Wiring Devices
Wet Locations for Receptacles	1926.405(j)(2)(ii) Damp and wet locations. A receptacle installed in a wet or damp location shall be designed for the location.	FS Flip Covers

1926.56(a)

General. Construction areas, ramps, runways, corridors, offices, shops, and storage areas shall be lighted to not less than the minimum illumination intensities listed in Table D-3 while any work is in progress:

TABLE D-3 - MINIMUM ILLUMINATION INTENSITIES IN FOOT-CANDLES

Foot-Candles	Area of Operation
5.....	General construction area lighting.
3.....	General construction areas, concrete placement, excavation and waste areas, access ways, active storage areas, loading platforms, refueling, and field maintenance areas.
5.....	Indoors: warehouses, corridors, hallways, and exitways.
5.....	Tunnels, shafts, and general underground work areas: (Exception: minimum of 10 foot-candles is required at tunnel and shaft heading during drilling, mucking, and scaling. Bureau of Mines approved cap lights shall be acceptable for use in the tunnel heading)
10.....	General construction plant and shops (e.g., batch plants, screening plants, mechanical and electrical equipment rooms, carpenter shops, rigging lofts and active store rooms, mess halls, and indoor toilets and workrooms.)
30.....	First aid stations, infirmaries, and offices.



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Do's

- Use enough lighting to comply to Table D-3 OSHA
- Use proper bulb protection per the mfg instructions
- Use 3 wire grounded stringlights with metal bulb guards
- Use MH fixtures properly and not too close to workers
- Use proper lighting fixtures for the environment intended
- Use proper stairwell lighting even during construction

Don'ts

- Operate sites with poor lighting –leads to accidents
- Hang stringlights by the cord – only use mounting tabs
- Use 2 wire stringlights with metal guards – guard must be grounded
- Use MH fixtures with cracked or partial broken bulb – UV A & B can get out
- Use non-hazardous lighting in classified locations
- Use permanent light fixtures in temporary applications

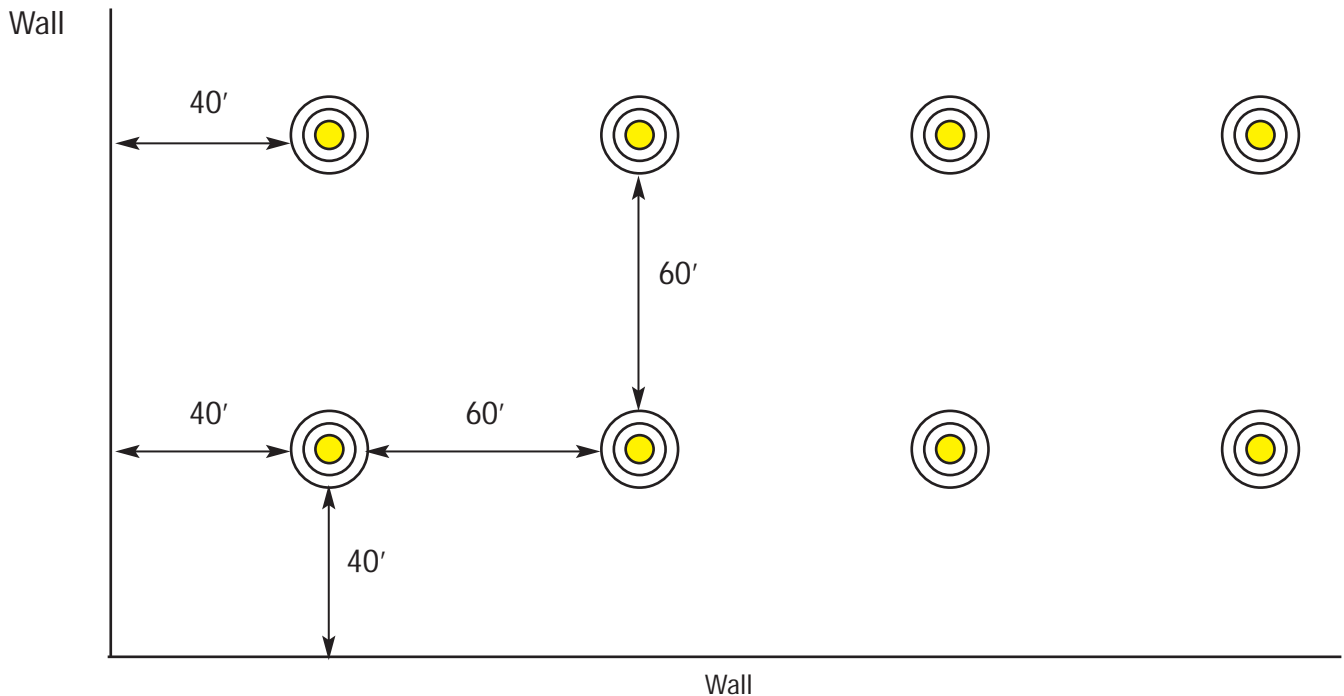
Baylite™ Layout (shown from top)

Note: This layout is typical to ensure minimum OSHA lighting standards, however many variables effect this layout. Use this as a general guide but Ericson makes no absolute claim to compliance.



Circuit Load (20A)

- 120V = 5 units
- 240V = 10 units
- 208V = 12 units
- 277V = 15 units



OSHA Regulations

Topic	Regulation	Ericson Product
Lamp Guards on All Lighting	1926.405(a)(2)(ii)(E) All lamps for general illumination shall be protected from accidental contact or breakage. Metal-case sockets shall be grounded.	Ericson Lamp Guards
Temporary Lighting Mounting	1926.405(a)(2)(ii)(F) Temporary lights shall not be suspended by their electric cords unless cords and lights are designed for this means of suspension.	Stringlights
Low Voltage Lighting	1926.405(a)(2)(ii)(G) Portable electric lighting used in wet and/or other conductive locations, as for example, drums, tanks, and vessels, shall be operated at 12 volts or less. However, 120-volt lights may be used if protected by a ground-fault circuit interrupter.	Low Voltage Lighting
Cord Protection	1926.405(a)(2)(ii)(I) Flexible cords and cables shall be protected from damage. Sharp corners and projections shall be avoided. Flexible cords and cables may pass through doorways or other pinch points, if protection is provided to avoid damage.	CP5-36 Cable Protectors
Flexible Cords	1926.405(a)(2)(ii)(J) Extension cord sets used with portable electric tools and appliances shall be of three-wire type and shall be designed for hard or extra-hard usage. Flexible cords used with temporary and portable lights shall be designed for hard or extra-hard usage.	Ericson Temporary Cordsets
	1926.405(g)(2)(iv) Strain relief. Flexible cords shall be connected to devices and fittings so that strain relief is provided which will prevent pull from being directly transmitted to joints or terminal screws.	6000, 7000 and 8000 Series Boxes and Covers

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SC2F3-G	13	SC40MF25-W	13	XG2-12-25W-LKG	145, 150-151		
SC2F3-R	13	SC40MF3-BK	13	XG2-12-25W-MR	145, 150-151		
SC2F3-W	13	SC40MF3-BL	13	XG2-12-25W-MR-15	145, 150-151		
SC2MF10-BK	13	SC40MF3-G	13	XG2-12-25W-MR-LKG	145, 150-151		
SC2MF10-BL	13	SC40MF3-R	13	XG2-12-2B	145, 150-151		



MANY ERICSON PRODUCTS ARE LISTED OR CERTIFIED.

FOR THE LATEST FULL SEARCHABLE LISTING BY PART NUMBER, GO TO: WWW.ERICSON.COM/AGENCY

Note: Products shown on this page may not be listed.

Connect to Ericson

Did You Know?

You can follow Ericson on  and  !

Get Connected -Be the first to hear the latest product developments and news directly from the source!

- Price Specials
- New Product Announcements
- Product Video & Training

We'll be tweeting at you!

When things get TOUGH, Ericson has your back.

We're on call 24/7 for all your emergency temporary power and lighting needs. Desperate times call for desperate measures and Ericson is there to help.



Where to Buy

Pick a category that best describes you and how you buy product. These markets are serviced by local Sales team Members that know you and your local area needs. To find your local Ericson Representative please go to www.ericson.com and visit the "Where to Buy" menu.

General & Electrical Contractors



Your local Factory Trained Electrical Representative will assist you with local service and supply stock.

- General Contractors
- Electricians
- Maintenance Personnel

**Service Professional
(Tool and Rental)**



Your local Factory Trained Tool & Rental Expert will assist you with special rental and tool house supply.

- Rental Store Managers
- Tool House Buyers
- Rental Fleet Managers

Government & Military Agency



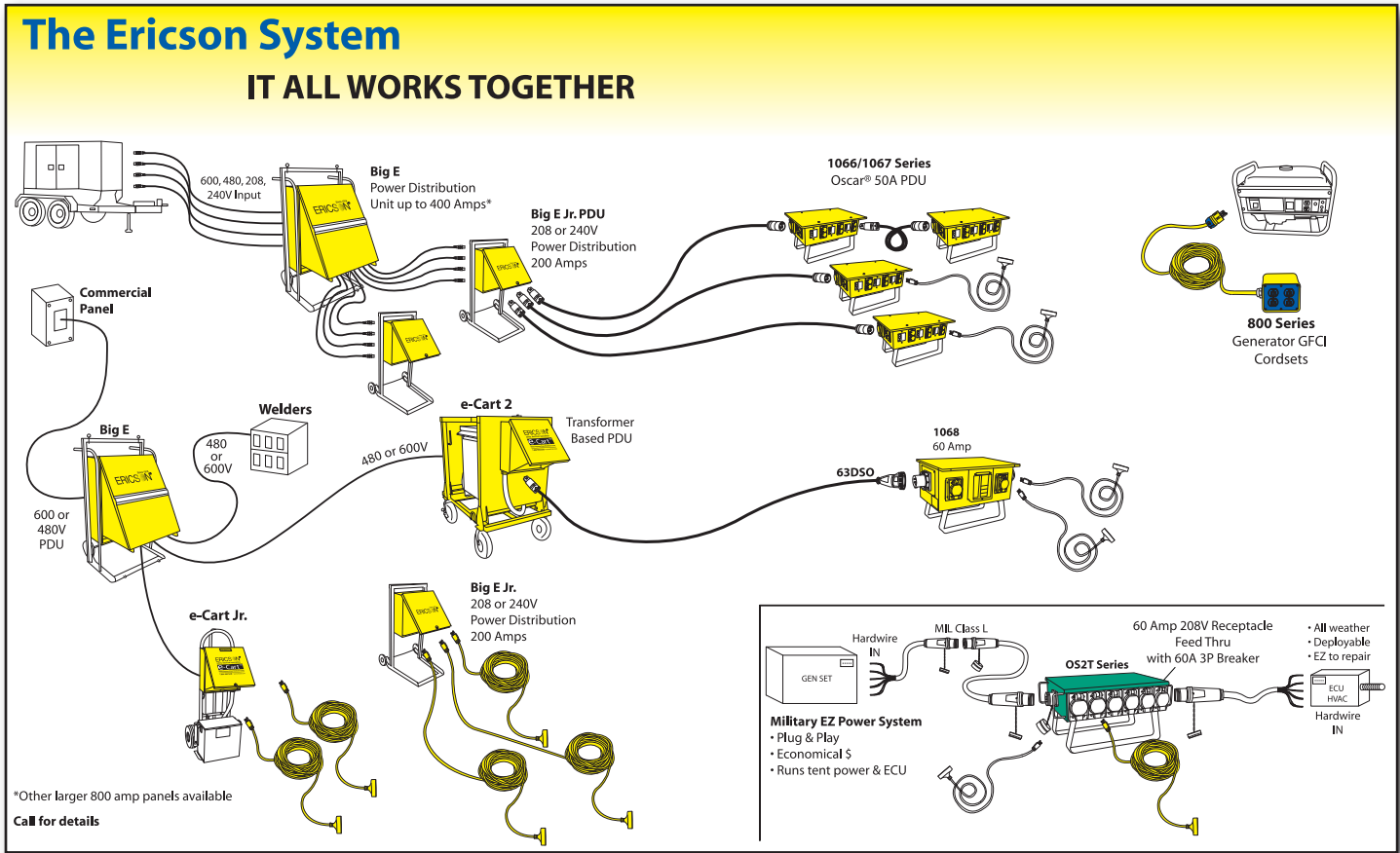
Ericson is a Small Business that has product and service to meet the needs of all agencies. Click here to contact our Gov't Rep.

- Federal, State, City, County
- DOD, DOE, DOT

Please visit:
www.ericson.com
 and click

 to find
 your local
 Ericson Representative.

The screenshot shows the Ericson website interface. At the top, it features the Ericson logo with the tagline "We Energize, Illuminate, Protect & Connect". Below the logo is a search bar and a navigation menu with links for Home, Products, About Ericson, Where to Buy, How to Buy, Contact Us, and Careers. The main content area is divided into several vertical panels representing different market segments: Construction, Power Generation & Chemical Refinery Solutions, Event & Rental Industry, Government & Military, and Manufacturing & Processing. A "Where to Buy" button is visible at the bottom left of the screenshot.



24/7 Emergency Assistance Hotline
1-877-OSCAR99 (672-2799)

PRODUCTS

- Temporary Power
- Temporary Lighting
- Plugs & Connectors
- Ground Fault Circuit Interrupters
- Cord & Cable Reels
- Push Button Pendant Stations
- Custom Products

MARKETS SERVED:

- Power Generation
- Petroleum & Chemical Refining
- Commercial & Industrial Construction
- Food Processing
- Rental
- Transportation
- Ship & Vessel Building
- Entertainment
- Government
- OEM



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 REORDER-L-1000064
 B-08/01-25M
 Printed in the U.S.A.