

DSN150 Switch-Rated - 150 A

UL/CSA Ratings

- Max Amperage & Voltage**
150 A, 600 VAC
- Switch-Rating (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower Ratings**

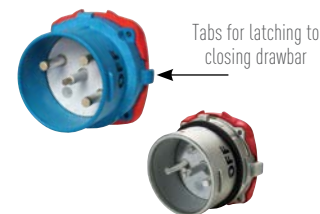
120 V	1Ø	7.5 hp
240 V	1Ø	20 hp
208 V	3Ø	30 hp
240 V	3Ø	30 hp
480 V	3Ø	75 hp
600 V	3Ø	75 hp
- Short Circuit Rating**
100 kA Close & Withstand
Testing was performed with 225 A RK1 non-time delay Mersen fuses.
10 kA Close & Withstand
Testing was performed with 400 A RK1 non-time delay Mersen fuses.
- Environmental Ratings**
Type 4X/IP69/IP69K*
*Also meets IP66/IP67 requirements.
- Temperature Range**
Min -40°F/Max 140°F
See pg 252 for temperatures outside of this range.
- Wiring Capacity**
Min 4 AWG Max 2/0 AWG
Aux Contacts - Prewired 14 AWG
* Based on THHN wire sizes
- Certifications**
UL 2682, UL 1682, CSA 182.1, NOM

Receptacle (female)



! Don't forget to add installation accessories to your order

Inlet (male)



North American UL/CSA Configurations

VOLTAGE	POLARITY	PART #		PART #	
		POLY	METAL	POLY	METAL
120 V	1P+N+G	63-94165	69-94165	63-98165	69-98165
120 208 V	3P+N+G	63-94167	69-94167	63-98167	69-98167
125 V	1P+N+G	63-94075	69-94075	63-98075	69-98075
125 250 V	2P+N+G	63-94076	69-94076	63-98076	69-98076
208 V	2P+G	63-94162	69-94162	63-98162	69-98162
208 V	3P+G	63-94163	69-94163	63-98163	69-98163
250 V	2P+G	63-94072	69-94072	63-98072	69-98072
250 V	3P+G	63-94073	69-94073	63-98073	69-98073
277 V	1P+N+G	63-94045	69-94045	63-98045	69-98045
277 480 V	3P+N+G	63-94047	69-94047	63-98047	69-98047
347 600 V	3P+N+G	63-94147	69-94147	63-98147	69-98147
480 V	2P+G	63-94042	69-94042	63-98042	69-98042
480 V	3P+G	63-94043	69-94043	63-98043	69-98043
600 V	2P+G	63-94142	69-94142	63-98142	69-98142
600 V	3P+G	63-94143	69-94143	63-98143	69-98143

For international configurations and ratings (IEC, CE) visit meltric.com/international-catalog or contact Customer Service at 800-433-7642.

Main Options



Auxiliary/Pilot Contacts



Mushroom Pawl



Padlock Pawl



Closed Lid Configuration
Recommended for cord applications to keep lid tucked in to avoid damage.

RECEPTACLE OPTIONS

SUFFIX

INLET OPTIONS

SUFFIX

With 2 Auxiliary/Pilot Contacts	Recept # -262	With 2 Auxiliary/Pilot Contacts	Inlet # -262
With 4 Auxiliary/Pilot Contacts	Recept # -264	With 4 Auxiliary/Pilot Contacts	Inlet # -264
With 6 Auxiliary/Pilot Contacts	Recept # -976	With 6 Auxiliary/Pilot Contacts	Inlet # -976
Straight Insertion	Recept # -352~	Self-Ejecting Plug Release**	Inlet # -338
Self-Ejecting Connector Release**	Recept # -354~	With No Lockout Hole	Inlet # -A155
Mushroom Pawl	Recept # -375	For Microswitch	Inlet # -270+
Padlock Pawl	Recept # -843		
Screw-Type Locking Pawl	Recept # -845		
Metal Pawl (on Poly Receptacle)	Recept # -824		
Closed Lid Configuration	Recept # -NC		
With Microswitch	Recept # -270+		

Notes:

+ Not UL/CSA listed. Not available on 3P+N+G configurations.

** For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 233-234 for more information.






~ Standard closed lid configuration.

! See pages 231-238 for detailed information on these options




Order Example: 480 V DSN150 + 2 auxiliary contacts
DSN150 Poly inlet 3P+G = 63-98043-262





INSTALLATION ACCESSORIES – SIZE 5

HANDLES







HANDLE WITH NPT	PART # POLY	PART # METAL
 Poly 3/4"	515P0N07	595P0N07
 Poly 1"	515P0N10	595P0N10
 Poly 1 1/4"	515P0N12	595P0N12
 Metal 1 1/2"	515P0N15	595P0N15
 Metal 2"	515P0N20	595P0N20

For available cord grips, see pg 159.



POLY HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	.980-1.260"	715P0EP4
	1.260-1.560"	715P0FP1
	1.520-1.860"	715P0GP2

METAL HANDLE WITH CORD GRIP	CABLE RANGE	PART #
	1.250-1.375"	795P0FS1
	1.438-1.562"	795P0FS2*
	1.562-1.688"	795P0FS3*
	1.688-1.812"	795P0GS1

*May require stripping of cable jacket.





METAL OVERSIZED HANDLE WITH NPT	PART #
	795P0N07
	795P0N10
	795P0N12
	795P0N15
	795P0N20
	795P0N25

For available cord grips, see pg 159.

SANTOPRENE HANDLE	CABLE RANGE	PART #
	.708-.984"	555P0D25
	.984-1.377"	555P0D35
	1.377-1.771"	555P0D45





ANGLES

POLY ANGLE	ANGLE	PART #
	30°	515M3

METAL ANGLE	ANGLE	PART #
	0°	595M0
	30°	595M3
	30° Oversized	795M3
	70°	595M7

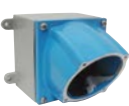


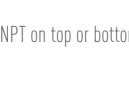
Mounts on oversize box only. Order with 7T6F0N25XL box. See pg 52.

BOXES

POLY ANGLE WITH METAL BOX WITH NPT	ANGLE	WIDTH	PART #
	30°	1 1/4"	715C3N12
	30°	1 1/2"	715C3N15
	30°	2"	715C3N20
	30°	2 1/2"	715C3N25


* 108.7 in³

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX WITH NPT	ANGLE	WIDTH	PART #
	30°	1 1/4"	795C3N12
	30°	1 1/2"	795C3N15
	30°	2"	795C3N20
	30°	2 1/2"	795C3N25

* 111.8 in³


* Interior volume with receptacle installed.


METAL BOX WITH NPT	ANGLE	WIDTH	PART #
	0°	1 1/4"	7T5F0N12
	0°	1 1/2"	7T5F0N15
	0°	2"	7T5F0N20
	0°	2 1/2"	7T5F0N25


NPT on top or bottom (if rotated). For other configurations, contact Customer Service.


* Interior volume with receptacle installed.


MISCELLANEOUS ACCESSORIES

PROTECTIVE INLET/PLUG CAP	PART #	DESCRIPTION
	31-9A426	For Inlets/Plugs Only. Covers lockout hole for watertight seal on inlet. Consult Customer Service for availability.

PADLOCKABLE INLET/PLUG CAP	PART #	DESCRIPTION
	DS9MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required on inlet part # to retain water ingress protection..

CORD GRIP WITH OR WITHOUT MESH	DESCRIPTION
	see pg 159

EASY RETROFIT ADAPTER PLATES	PART #	DESCRIPTION
	see pg 232	Mount to existing boxes.

RECEPTACLE LOCKING PIN	PART #	DESCRIPTION
	LP-843	Requires Padlockable Pawl option (-843) on receptacle.