

# DSN150 Switch-Rated Plugs & Receptacles – 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 266 for temps below -15°F.
- Wiring Capacity**  
 Min 4 AWG Max 2/0 AWG  
 Aux Contacts - Prewired w/14 AWG
- Certifications**  
 UL 2682, UL 1682, CSA 182.1

## Receptacle (female)

Easy Closing Mechanism



If you have an existing removable and/or permanently attached drawbar, contact Customer Service.

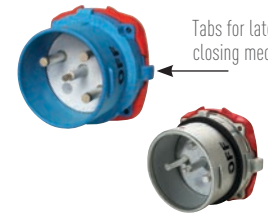


Don't forget to add installation accessories to your order



## Inlet (male)

Tabs for latching to closing mechanism



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

**Notes:** + Not UL/CSA listed.

\*\* For self-ejecting connectors and plugs, a -443 suffix must be added to the handle part number. See pages 251-252 for more information.

~ Standard closed lid configuration.






See pages 243-252 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





Accessories can be used with either poly or metal plugs and receptacles.

**HANDLES**







HANDLE w/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 page 169. Add -443 for self-ejecting.




POLY HANDLE w/CORD GRIP	Cable Range	Part #
	.980 - 1.260"	715P0EP4
	1.260 - 1.560"	715P0FP1
	1.520 - 1.860"	715P0GP2





METAL HANDLE w/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 w/NPT	Part #
 3/4"	795P0N07
 1"	795P0N10
 1 1/4"	795P0N12
 1 1/2"	795P0N15
 2"	795P0N20
 2 1/2"	795P0N25

For available cord grips, see page 169.


SANTOPRENE HANDLE	Cable Range	Part #
	.70 - 1.000"	555P0D25
	.984 - 1.377"	555P0D35
	1.378 - 1.771"	555P0D45


POLY HANDLE w/CLAMP & BUSHING	Cable Range	Part #
	1.250 - 1.375"	715P0S22
	1.438 - 1.562"	715P0S25
	1.562 - 1.688"	715P0S27
	1.688 - 1.812"	715P0S29


**ANGLES**

POLY ANGLE	Angle	Part #
 30°	30°	515M3





METAL ANGLE	Angle	Part #
 0°	0°	595M0





METAL ANGLE	Angle	Part #
 30°	30°	595M3



METAL ANGLE	Angle	Part #	Notes
 Oversized 30°	Oversized 30°	795M3	Mounts on oversize box only. Order with 7T6F0N25XL box. See pg 54.

METAL ANGLE	Angle	Part #
 70°	70°	595M7

**BOXES**


POLY ANGLE WITH METAL BOX w/NPT	Angle	Depth	Part #	Notes
 30° 1 1/4"	30°	1 1/4"	715C3N12	* Interior volume with receptacle installed.
 30° 1 1/2"	30°	1 1/2"	715C3N15	
 30° 2"	30°	2"	715C3N20	
 30° 2 1/2"	30°	2 1/2"	715C3N25	
* 108.7 in <sup>3</sup>				

METAL ANGLE WITH METAL BOX w/NPT	Angle	Depth	Part #	Notes
 30° 1 1/4"	30°	1 1/4"	795C3N12	* Interior volume with receptacle installed.
 30° 1 1/2"	30°	1 1/2"	795C3N15	
 30° 2"	30°	2"	795C3N20	
 30° 2 1/2"	30°	2 1/2"	795C3N25	
* 111.8 in <sup>3</sup>				


METAL BOX w/NPT	Angle	Depth	Part #	Notes
 0° 1 1/4"	0°	1 1/4"	7T5F0N12	* Interior volume with receptacle installed.
 0° 1 1/2"	0°	1 1/2"	7T5F0N15	
 0° 2"	0°	2"	7T5F0N20	
 0° 2 1/2"	0°	2 1/2"	7T5F0N25	


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


**MISCELLANEOUS ACCESSORIES**

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

PADLOCKABLE INLET/PLUG CAP	Part #	Notes
	DS9MC	Aluminum – For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection.

CORD GRIP with or w/o MESH	Part #
	see pg 169

EASY RETROFIT ADAPTER PLATES	Part #	Notes
	see pg 166	Mount to existing boxes.

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