

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**

120V	1Ø	7.5 hp
240V	1Ø	20 hp
208V	3Ø	30 hp
240V	3Ø	30 hp
480V	3Ø	75 hp
600V	3Ø	75 hp
- Short Circuit Rating**
100kA Close & Withstand
Testing was performed with 225 A RK1 non-time delay Mersen fuses.
10kA 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 258 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

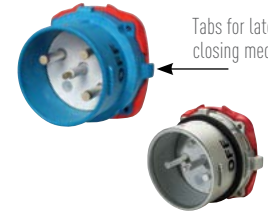


Poly casing opens to 180° while the metal casing opens only 90°.

H 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
120V	1P+N+G	63-94165	69-94165	63-98165	69-98165
120 208V	3P+N+G	63-94167	69-94167	63-98167	69-98167
125V	1P+N+G	63-94075	69-94075	63-98075	69-98075
125 250V	2P+N+G	63-94076	69-94076	63-98076	69-98076
208V	2P+G	63-94162	69-94162	63-98162	69-98162
208V	3P+G	63-94163	69-94163	63-98163	69-98163
250V	2P+G	63-94072	69-94072	63-98072	69-98072
250V	3P+G	63-94073	69-94073	63-98073	69-98073
277V	1P+N+G	63-94045	69-94045	63-98045	69-98045
277 480V	3P+N+G	63-94047	69-94047	63-98047	69-98047
347 600V	3P+N+G	63-94147	69-94147	63-98147	69-98147
480V	2P+G	63-94042	69-94042	63-98042	69-98042
480V	3P+G	63-94043	69-94043	63-98043	69-98043
600V	2P+G	63-94142	69-94142	63-98142	69-98142
600V	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 3 Auxiliary/Pilot Contacts	Recept # - 263	With 3 Auxiliary/Pilot Contacts	Inlet # - 263
With 4 Auxiliary/Pilot Contacts	Recept # - 264	With 4 Auxiliary/Pilot Contacts	Inlet # - 264
With 5 Auxiliary/Pilot Contacts	Recept # - 975	With 5 Auxiliary/Pilot Contacts	Inlet # - 975
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 Auxiliary Switch	Inlet # - NNF*
Padlock Pawl	Recept # - 843		
Padlockable Mushroom Pawl	Recept # - 375-843		
Screw-Type Locking Pawl	Recept # - 845		
Metal Pawl (on Poly Receptacle)	Recept # - 824		
180° Opening Lid (metal only)	Recept # - 180++		
Closed Lid Configuration	Recept # - NC		
With Auxiliary Switch	Recept # - 270+		

Notes: * Order inlet with P+N+G configuration and receptacle with P+G configuration.

! See pages 235-244 for detailed information on these options



Notes: + Not UL/CSA listed.
++ Required when mating to rigid mounted male inlet.

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

INSTALLATION ACCESSORIES – SIZE 5


Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles.

HANDLES

HANDLE w/NPT	Part # Poly	Part # Metal
 3/4"	515P0N07	595P0N07
1"	515P0N10	595P0N10
1 1/4"	515P0N12	595P0N12
 1 1/2"	515P0N15	595P0N15
2"	515P0N20	595P0N20

For metal devices only

For available cord grips, see page 167.

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	Part #
	795P0FS1
	795P0FS2*
	795P0FS3*
	795P0GS1

For metal devices only

*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 metal devices only



For available cord grips, see page 167.


SANTOPRENE HANDLE	Part #
	555P0D25
	555P0D35
IP66/IP67	555P0D45


POLY HANDLE w/CLAMP & BUSHING	Part #
	715P0S22
	715P0S25
	715P0S27
	715P0S29

ANGLES

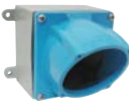
POLY ANGLE	Part #
 30°	515M3

METAL ANGLE	Part #
 0°	595M0
 30°	595M3

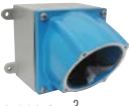
 Oversized 30°	795M3	Mounts on oversize box only. Order with 7T6F0N25XL box. See pg 52.
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 70°	595M7
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BOXES

POLY ANGLE WITH METAL BOX w/NPT	Part #
 30° 1 1/4"	715C3N12
30° 1 1/2"	715C3N15
30° 2"	715C3N20
* 108.7 in ³ 30° 2 1/2"	715C3N25

* Interior volume with receptacle installed.

METAL ANGLE WITH METAL BOX w/NPT	Part #
 30° 1 1/4"	795C3N12
30° 1 1/2"	795C3N15
30° 2"	795C3N20
* 111.8 in ³ 30° 2 1/2"	795C3N25

* Interior volume with receptacle installed.


METAL BOX w/NPT	Part #
 0° 1 1/4"	7T5F0N12
0° 1 1/2"	7T5F0N15
0° 2"	7T5F0N20
0° 2 1/2"	7T5F0N25

* Interior volume with receptacle installed.

NPT on top or bottom (if rotated). For other NPT configurations, contact customer service.

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 to maintain water ingress protection.

CORD GRIP with or w/o MESH	Part #
	see pg 167

EASY RETROFIT ADAPTER PLATES	Part #	Description
	see pg 164	Mount to existing boxes.

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