

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/IP66/IP67/IP69/IP69K
- **Temperature Range**
Min -40°F/Max 140°F
See pg 254 for temperatures outside of this range.
- **Wiring Capacity**
Based on THHN wire sizes
Min 4 AWG Max 2/0 AWG
Aux Contacts - Prewired 14 AWG
- **Certifications**
UL 2682, UL 1682,
CSA C22.2 NO. 182.1, NOM

Receptacle (female)

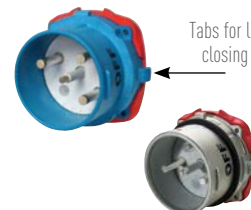
Easy closing drawbar



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

Inlet (male)

Tabs for latching to closing drawbar



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



Self-Returning Lid

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 # -352²

Self-Ejecting Plug Release**

Inlet # -338

Self-Ejecting Connector Release**

Recept # -354²

Without Lockout Hole

Inlet # -A155

Mushroom Pawl

Recept # -375

For Microswitch

Inlet # -270^{3,4}

Padlock Pawl

Recept # -843

Notes:

Screw-Type Locking Pawl

Recept # -845

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

Metal Pawl (on Poly Receptacle)

Recept # -824

² This option includes the Self-Returning Lid.

Self-Returning Lid (Manual Close)

Recept # -NC

³ Not UL/CSA listed.

With Microswitch

Recept # -270^{3,4}

⁴ Not available on 3P+N+G configurations.

! See pages 231-240 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

When properly installed, all accessories meet or exceed the environmental ratings of the devices they are mounted to; unless otherwise noted.

HANDLES

HANDLE WITH 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 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.

OVERSIZED METAL HANDLE WITH NPT		CABLE RANGE	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 pg 159.

SANTOPRENE HANDLE		CABLE RANGE	PART #
		.708-.984"	555P0D25
		.984-1.377"	555P0D35
		1.377-1.771"	555P0D45
		1.771-1.929"	555P0D49

ANGLES

POLY ANGLE		ANGLE	PART #
	30°		515M3

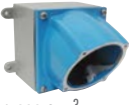
METAL ANGLE		ANGLE	PART #
	0°		595M0
	30°		595M3
	30° Oversized		795M3
	70°		595M7

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

BOXES

POLY ANGLE WITH METAL BOX WITH NPT		ANGLE	SIZE	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 WITH NPT		ANGLE	SIZE	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 WITH NPT		ANGLE	SIZE	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 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 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 240	Mount to existing boxes.

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