

DSN150 Switch-Rated - 150 A

DSN150

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



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

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 # -352 ² | Self-Ejecting Plug Release** | Inlet # -338 |
| Self-Ejecting Connector Release** | Recept # -354 ² | Without Lockout Hole | Inlet # -A155 |
| Mushroom Pawl | Recept # -375 | For Microswitch | Inlet # -270 ^{3,4} |
| Padlock Pawl | Recept # -843 | | |
| Screw-Type Locking Pawl | Recept # -845 | | |
| Metal Pawl (on Poly Receptacle) | Recept # -824 | | |
| Self-Returning Lid (Manual Close) | Recept # -NC | | |
| With Microswitch | Recept # -270 ^{3,4} | | |

Notes:
^{**} For self-ejecting connectors and plugs, a 443 suffix must be added to the handle part number. See pages 233-234 for more information.
² This option includes the Self-Returning Lid.
³ Not UL/CSA listed.
⁴ Not available on 3P+N+G configurations.

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 | 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 |
| | 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 |
| | 30° | 2 1/2" | 715C3N25 |

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

| 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 |

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 | PART # |
|--------------------------------|------------|
| | 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. |