

DSN30 Switch-Rated Plugs & Receptacles – 30 A

UL/CSA Ratings

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

| | | |
|------|----|-------|
| 120V | 1Ø | 1 hp |
| 240V | 1Ø | 3 hp |
| 208V | 3Ø | 5 hp |
| 240V | 3Ø | 5 hp |
| 480V | 3Ø | 10 hp |
| 600V | 3Ø | 15 hp |
- **Short Circuit Rating**
100kA Close & Withstand
Testing was performed with RK1 current limiting fuses sized at 400% of the highest full load motor ampacity associated with the devices hp rating.
- **Environmental Ratings**
Type 4X/IP69/IP69K*
*Also meets IP66/IP67 requirements
- **Temperature Range**
Min -40°F/Max 140°F
See pg 256 for temps below -15°F.
- **Wiring Capacity**
Min 14 AWG Max 8 AWG
Aux Contacts - 14 AWG
- **Certifications**
UL 2682, UL 1682, CSA 182.1

Receptacle (female)



Inlet (male)



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

North American UL/CSA Configurations

| Voltage | Polarity | Part # Poly | Part # Poly |
|----------|----------|-------------|-------------|
| 120V | 1P+N+G | 63-34165 | 63-38165 |
| 120 208V | 3P+N+G | 63-34167 | 63-38167 |
| 125V | 1P+N+G | 63-34075 | 63-38075 |
| 125 250V | 2P+N+G | 63-34076 | 63-38076 |
| 208V | 2P+G | 63-34162 | 63-38162 |
| 208V | 3P+G | 63-34163 | 63-38163 |
| 250V | 2P+G | 63-34072 | 63-38072 |
| 250V | 3P+G | 63-34073 | 63-38073 |
| 277V | 1P+N+G | 63-34045 | 63-38045 |
| 277 480V | 3P+N+G | 63-34047 | 63-38047 |
| 347 600V | 3P+N+G | 63-34147 | 63-38147 |
| 480V | 2P+G | 63-34042 | 63-38042 |
| 480V | 3P+G | 63-34043 | 63-38043 |
| 600V | 2P+G | 63-34142 | 63-38142 |
| 600V | 3P+G | 63-34143 | 63-38143 |

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 # - 972 | With 2 Auxiliary/Pilot Contacts | Inlet # - 972 |
| 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 | Notes: * Order inlet with P+N+G configuration and receptacle with P+G configuration. | |
| Padlockable Mushroom Pawl | Recept # - 375-843 | | |
| Metal Pawl | Recept # - 824 | | |
| Closed Lid Configuration | Recept # - NC | | |
| With Auxiliary Switch | Recept # - 270+ | | |



Notes: + Not UL/CSA listed.

! See pages 233-242 for detailed information on these options


Order Example: 480V DSN30 + 2 auxiliary contacts
DSN30 Inlet 3P+G = 63-38043-972

INSTALLATION ACCESSORIES – SIZE 2

HANDLES


| HANDLE w/NPT | | Part # Poly | Part # Metal |
|---|--------|-------------|--------------|
|  | 1/2" | 512P0N05 | 592P0N05 |
| | 3/4" | 512P0N07 | 592P0N07 |
|  | 1" | 512P0N10 | 592P0N10 |
| | 1 1/4" | 512P0N12 | - |

For available cord grips, see page 165.


| POLY HANDLE w/CORD GRIP | Cable Range | Part # |
|---|---------------|----------|
|  | .350 - .520" | 712P0BP6 |
| | .520 - .680" | 712P0CP5 |
| | .680 - .980" | 712P0DP4 |
| | .980 - 1.260" | 712P0EP4 |

| METAL HANDLE w/CORD GRIP | Cable Range | Part # |
|---|---------------|----------|
|  | .438 - .500" | 792P0BS3 |
| | .500 - .562" | 792P0BS4 |
| | .562 - .625" | 792P0CS2 |
| | .625 - .750" | 792P0CS4 |
| | .750 - .875" | 792P0DS1 |
| | .875 - 1.000" | 792P0DS3 |


| POLY HANDLE | Cable Range | Part # |
|--|-------------|----------|
|  | .20 - .83" | 512P0D21 |

| POLY HANDLE w/CLAMP & BUSHING | Cable Range | Part # |
|---|----------------|----------|
|  | .750 - .875" | 712P0S14 |
| | .875 - 1.000" | 712P0S16 |
| | 1.000 - 1.125" | 712P0S18 |
| | 1.125 - 1.250" | 712P0S20 |
| | 1.250 - 1.375" | 712P0S22 |


ANGLES

| POLY ANGLE | | |
|---|-----|-------|
|  | 30° | 512M3 |


| | | |
|---|-----|-------|
|  | 70° | 512M7 |
|---|-----|-------|

| METAL ANGLE | | |
|---|----|-------|
|  | 0° | 592M0 |

| | | |
|---|-----|-------|
|  | 30° | 592M3 |
|---|-----|-------|

| | | | |
|---|---------------|---------|--|
|  | FS/FD Box 30° | 792M3FS | * Base measures approximately 4.2" x 2.7". Due to the variation in sizes of FS boxes, please verify that your FS box matches our dimensions, if not call Customer Service for other solutions. |
|---|---------------|---------|--|

BOXES

| POLY CONDUIT ENTRY w/NPT | | | | Part # |
|---|-----|------|--|----------|
|  | 30° | 1/2" | | 512B3N05 |
| | 30° | 3/4" | | 512B3N07 |

* 8.5 in³


* Interior volume with receptacle installed.


| POLY WALL BOX w/ANGLE | | | |
|---|-----|--|----------|
|  | 70° | | 512C7000 |

* 82.0 in³

70° poly boxes are not drilled. Contact customer service if factory drilled is required.

* Interior volume with receptacle installed.


| | | |
|---|------------|---------|
|  | Ground Bar | 51AA089 |
|---|------------|---------|

| POLY ANGLE w/METAL BOX w/NPT | | | |
|---|-----|--------|----------|
|  | 70° | 1/2" | 712C7N05 |
| | 70° | 3/4" | 712C7N07 |
| | 70° | 1" | 712C7N10 |
| | 70° | 1 1/4" | 712C7N12 |
| | 70° | 1 1/2" | 712C7N15 |

* 74.6 in³

* Interior volume with receptacle installed.

| METAL BOX w/NPT | | | |
|--|----|--------|----------|
|  | 0° | 1/2" | 7T1F0N05 |
| | 0° | 3/4" | 7T1F0N07 |
| | 0° | 1" | 7T1F0N10 |
| | 0° | 1 1/4" | 7T1F0N12 |


| POLY ANGLE w/METAL BOX w/NPT | | | |
|---|-----|--------|----------|
|  | 30° | 1/2" | 712C3N05 |
| | 30° | 3/4" | 712C3N07 |
| | 30° | 1" | 712C3N10 |
| | 30° | 1 1/4" | 712C3N12 |

* 28.7 in³


* Interior volume with receptacle installed.

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


MISCELLANEOUS ACCESSORIES


| FINGER DRAWPLATES | | |
|---|----------|---|
|  | 61-3A346 | Set of Two (2) Recommended for cord to cord assembly applications, for easier connector closure. |

| PROTECTIVE INLET/PLUG CAP | | |
|---|----------|------------------------|
|  | 61-3A426 | For Inlets/Plugs Only. |

| PADLOCKABLE INLET/PLUG CAP | | |
|---|----------|------------------------|
|  | 61-3A826 | For Inlets/Plugs Only. |

| SPRING-LOADED PADLOCKABLE INLET/PLUG CAP | | |
|---|----------|---|
|  | 61-3A226 | Metal - For Inlets/Plugs Only. -A155 suffix required to maintain water ingress protection. |

| SCREWDRIVER FOR TERMINAL SCREWS | | |
|---|------|---|
|  | SD18 | Klein 608-3 1/8" cabinet with 3" round shank. |

| RECEPTACLE LOCKING PIN | | |
|---|--------|--|
|  | LP-843 | Requires Padlockable Pawl option (-843) on receptacle. |