

DSN30



DECONTACTOR™ – 30A Switch Rated Plugs & Receptacles

Ratings

- Voltage**
600 VAC, 250 VDC
- Switch Ratings (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**
NEMA 4X, IP66 + 67
- Temperature Range**
Min -40°F/Max 140°F
See pg 194 for temps below -15°F.
- Wiring Capacity**
Min 14 AWG Max 8 AWG
Aux Contacts - Max 8 AWG
- Listings**
UL, CSA, IEC, CE*
* Contact Customer Service

Receptacle (female)



Don't forget to add installation accessories to your order

Inlet (male)



Voltage	Polarity	Part # Poly
120/208V	3P+N+E	63-34167
125V	1P+N+E	63-34075
125/250V	2P+N+E	63-34076
208V	2P+E	63-34162
208V	3P+E	63-34163
250V	2P+E	63-34072
250V	3P+E	63-34073
277V	1P+N+E	63-34045
277/480V	3P+N+E	63-34047
347/600V	3P+N+E	63-34147
480V	2P+E	63-34042
480V	3P+E	63-34043
600V	2P+E	63-34142
600V	3P+E	63-34143

Voltage	Polarity	Part # Poly
120/208V	3P+N+E	63-38167
125V	1P+N+E	63-38075
125/250V	2P+N+E	63-38076
208V	2P+E	63-38162
208V	3P+E	63-38163
250V	2P+E	63-38072
250V	3P+E	63-38073
277V	1P+N+E	63-38045
277/480V	3P+N+E	63-38047
347/600V	3P+N+E	63-38147
480V	2P+E	63-38042
480V	3P+E	63-38043
600V	2P+E	63-38142
600V	3P+E	63-38143

Other voltage configurations are available – contact customer service at 800.433.7642.

Main Options



Auxiliary/Pilot Contacts



Emergency Stop Pawl



Padlock Pawl



Self-Ejecting Devices*

* Requires straight insertion receptacle or inlet and self-ejecting plug or connector

See pgs 171-180 for detailed information on these options

Receptacle Options

Suffix

With 2 Auxiliary/Pilot Contacts	Recept # - 972
Straight Insertion	Recept # - A188
Self-Ejecting Connector Release	Recept # - 345-A188
Emergency Stop Pawl	Recept # - 375
Padlock Pawl	Recept # - 843
Closed Lid Configuration	Recept # - NC
With Auxiliary Switch	Recept # - 270

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts	Inlet # - 972
Self-Ejecting Plug Release	Inlet # - 338-A188
Straight Insertion	Inlet # - A188
With No Lockout Hole	Inlet # - A155
For Auxiliary Switch	Inlet # - NNF

DSN30 Order Example:

To order 2 auxiliary contacts on an inlet and receptacle add **-972** to the part numbers.

DSN30 Inlet 3P+E = 63-38043-972

DSN30 Receptacle 3P+E = 63-34043-972

Appropriate accessory part numbers must also be included on the order.

Installation Accessories

Handles



NPT	Poly Handle	Cable Range	Poly Handle w/Clamp & Bushing	Nylon Handle
1/2"	61-3A013-12	.20 - .83	–	61-3A013
3/4"	61-3A013-34	.750 - .875	1PM514	–
1"	61-3A013-1	.875 - 1.000	1PM516	–
1 1/4"	61-3A013-114	1.000 - 1.125	1PM518	–
		1.125 - 1.250	1PM520	–
		1.250 - 1.375	1PM522	–

Notes:

- Finger draw plates are recommended for easier connector closure on cord to cord assemblies.
- For available cord grips, see pgs 167-168.

Angles



Nylon 30° Angle	Metal 30° Angle	Metal Angle FS/FD Box 30°	Metal Straight Adapter
61-3A027	MA2	MAFS2	MS2

Junction Boxes



NPT	Metal Box	Metal Box with Nylon Angle	Poly* Conduit Entry
1/2"	MB312	61-3A053-080-12	61-3A023-12
3/4"	MB334	61-3A053-080-34	61-3A023-34
1"	MB31	61-3A053-080-1	–
1 1/4"	MB3114	61-3A053-080-114	–

* For poly devices only

Miscellaneous Accessories



* Set of Two (2)



For Male Devices Only



For Male Devices Only

Finger Drawplates	Protective Cap	Padlockable Plug Cap
61-3A346	61-3A126	61-3A826

* Recommended for cord to cord assembly applications, for easier connector closure

NPT Guidelines

Cable Range	NPT
.062 - .5	1/2"
.187 - .75	3/4"
.437 - 1.10	1"
.750 - 1.375	1 1/4"

NPT sizes are determined by the cable diameter and third party cord grip.

Order Example

A typical order should include an inlet part number, a receptacle part number **AND** the matching handles, angles or other required accessories.



Male Inlet with Handle (Plug)
63-38043 + 61-3A013



Female Receptacle with Angle Adapter
63-34043 + 61-3A027