



DECONTACTOR™ – 30A

Switch Rated Plugs & Receptacles

Ratings

- Voltage**
600VAC, 250VDC
- Switch Ratings (AC Only)**
Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower ratings**
 - 120V 1Ø 3/4 hp
 - 240V 1Ø 2 hp
 - 208V 3Ø 3 hp
 - 240V 3Ø 3 hp
 - 480V 3Ø 10 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 3R, IP54/55*
* IP54 when the plug & receptacle are mated. IP55 on the receptacle alone when the lid is latched closed.
- Temperature Range**
Min -40°F/Max 140°F
See pg 194 for temps below -15°F.
- Wiring Capacity**
Min 12 AWG Max 4 AWG
Aux Contacts - Max 12 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	33-34167
125V	1P+N+E	33-34075
125/250V	2P+N+E	33-34076
208V	2P+E	33-34162
208V	3P+E	33-34163
250V	2P+E	33-34072
250V	3P+E	33-34073
277V	1P+N+E	33-34045
277/480V	3P+N+E	33-34047
347/600V	3P+N+E	33-34147
480V	2P+E	33-34042
480V	3P+E	33-34043
600V	2P+E	33-34142
600V	3P+E	33-34143

Voltage	Polarity	Part # Poly
120/208V	3P+N+E	33-38167
125V	1P+N+E	33-38075
125/250V	2P+N+E	33-38076
208V	2P+E	33-38162
208V	3P+E	33-38163
250V	2P+E	33-38072
250V	3P+E	33-38073
277V	1P+N+E	33-38045
277/480V	3P+N+E	33-38047
347/600V	3P+N+E	33-38147
480V	2P+E	33-38042
480V	3P+E	33-38043
600V	2P+E	33-38142
600V	3P+E	33-38143

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

Main Options

- Auxiliary/Pilot Contacts
- Emergency Stop Pawl
- Padlockable Mushroom 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
- With 3 Auxiliary/Pilot Contacts Recept # - 973
- With 4 Auxiliary/Pilot Contacts Recept # - 974
- LP Watertightness (low pressure) Recept # - LP
- HP Watertightness (high pressure) Recept # - HP
- Straight Insertion Recept # - A188
- Self-Ejecting Connector Release Recept # - 348-A188
- Emergency Stop Pawl Recept # - 375
- Locking Mushroom Pawl Recept # - 845
- Padlockable Mushroom Pawl Recept # - 843
- Metal Pawl (on poly receptacle) Recept # - 824
- Closed Lid Configuration Recept # - NC
- With Auxiliary Switch Recept # - 270
- Recess Plate Recept # - 142

Inlet Options

Suffix

- With 2 Auxiliary/Pilot Contacts Inlet # - 972
- With 3 Auxiliary/Pilot Contacts Inlet # - 973
- With 4 Auxiliary/Pilot Contacts Inlet # - 974
- LP Watertightness (low pressure) Inlet # - LP
- HP Watertightness (high pressure) Inlet # - HP
- Self-Ejecting Plug Release Inlet # - 338-A188
- Straight Insertion Inlet # - A188
- With No Lockout Hole Inlet # - A155
- With Spring-Loaded Cap Inlet # - 226
- For Auxiliary Switch Inlet # - NNF

DS30 Order Example:

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

DS30 Poly inlet 3P+E=33-38043-972

DS30 Poly receptacle 3P+E=33-34043-972

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

Installation Accessories

Handles



Not NEMA 3R



Makes connector closures easier

NPT	Poly Handle	Cable Range	Poly Handle w/Clamp & Bushing	Nylon Handle	Neoprene Handle	Poly Handle w/built in Draw Grips
1/2"	3PH12	.38 - 1.12	-	-	31-311	-
3/4"	3PH34	.39 - 1.18	-	FH311	-	FH311-473
1"	3PH1	.750 - .875	3PM514	-	-	-
1 1/4"	3PH114	.875 - 1.000	3PM516	-	-	-
		1.000 - 1.125	3PM518	-	-	-
		1.125 - 1.250	3PM520	-	-	-
		1.250 - 1.375	3PM522	-	-	-

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 70° Angle	Metal Angle FS/FD Box 30°	Metal Straight Adapter
MP3	MA3	89-3A027	MAFS3	MS3

NPT Guidelines

Cable Range	NPT	Cable Range	NPT
.062 - .5	1/2"	.890 - 1.650	1 1/2"
.187 - .75	3/4"	1.125 - 2.438	2"
.437 - 1.10	1"	1.750 - 2.565	2 1/2"
.750 - 1.375	1 1/4"		

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

Junction Boxes



NPT	Metal Box	Metal Box with Nylon Angle	Poly* Conduit Entry
1/2"	MB312	31-3A053-080-12	MC312
3/4"	MB334	31-3A053-080-34	MC334
1"	MB31	31-3A053-080-1	MC31
1 1/4"	MB3114	31-3A053-080-114	-

* For poly devices only

Miscellaneous Accessories



* Set of Two (2)



For Male Devices Only



For Male Devices Only

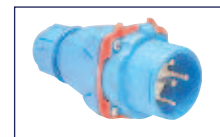


Finger Drawplates	Protective Cap	Padlockable Plug Cap Poly	Inlet Spring-Loaded Cap
FDP3	31-3A126	DS3PC	31-3A226

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

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)
33-38043 + FH311



Female Receptacle with Angle Adapter
33-34043 + MP3