

DS30



# DECONTACTOR™ – 30A

## Switch Rated Plugs & Receptacles

### Receptacle (female)

### Inlet (male)



Don't forget to add installation accessories to your order



#### Ratings

- Voltage**  
600 VAC
- Switch Rating (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
600V	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**  
Type 3R, IP54/IP55\*  
\* 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 220 for temps below -15°F.
- Wiring Capacity**  
Min 14 AWG Max 6 AWG  
Aux Contacts - Max 14 AWG
- Listings**  
UL, CSA, IEC, CE\*  
\* Contact Customer Service

Voltage	Polarity	Part # Poly
120/208V	3P+N+G	33-34167
125V	1P+N+G	33-34075
125/250V	2P+N+G	33-34076
208V	2P+G	33-34162
208V	3P+G	33-34163
250V	2P+G	33-34072
250V	3P+G	33-34073
277V	1P+N+G	33-34045
277/480V	3P+N+G	33-34047
347/600V	3P+N+G	33-34147
480V	2P+G	33-34042
480V	3P+G	33-34043
600V	2P+G	33-34142
600V	3P+G	33-34143

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

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

#### Main Options



**Auxiliary/Pilot Contacts**



**Mushroom Pawl**



**Padlock Pawl**



**Closed Lid Configuration**  
Recommended for cord applications to keep lid tucked in to avoid damage.



See pgs 197-206 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*
Type 4X & closed lid configuration	Recept # - 4X
Straight Insertion	Recept # - A188
Self-Ejecting Connector Release	Recept # - 348-A188
Mushroom Pawl	Recept # - 375
Padlock Pawl	Recept # - 843
Padlockable Mushroom Pawl	Recept # - 375-843
Locking Mushroom Pawl	Recept # - 845
Metal Pawl (on poly receptacle)	Recept # - 824
Closed Lid Configuration	Recept # - NC
With Auxiliary Switch	Recept # - 270*

Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts	Inlet # - 972
With 3 Auxiliary/Pilot Contacts	Inlet # - 973*
With 4 Auxiliary/Pilot Contacts	Inlet # - 974*
Type 4X Watertightness	Inlet # - 4X
Self-Ejecting Plug Release	Inlet # - 338-A188
Straight Insertion	Inlet # - A188
With No Lockout Hole	Inlet # - A155
For Auxiliary Switch*	Inlet # - NNF

**Notes:** \* Order inlet with P+N+G configuration and receptacle with P+G configuration

#### DS30 Order Example:

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

DS30 Poly inlet 3P+G=33-38043-**972**

DS30 Poly receptacle 3P+G=33-34043-**972**

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

**Notes:** \* Not UL/CSA Listed

# Installation Accessories

## Handles



*Not NEMA 3R*

*Makes connector closures easier*

NPT	Poly Handle	Cable Range	Nylon Handle	Neoprene Handle	Poly Handle w/Clamp & Bushing	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 193-194.

## 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
.312 - .625	1/2"	.890 - 1.812	1 1/2"
.438 - .812	3/4"	1.190 - 2.438	2"
.660 - 1.000	1"	2.062 - 2.438	2 1/2"
.875 - 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	Poly 70°** Wall Box
1/2"	MB312	31-3A053-080-12	MC312	51-CA058
3/4"	MB334	31-3A053-080-34	MC334	51-CA058
1"	MB31	31-3A053-080-1	MC31	51-CA058
1 1/4"	MB3114	31-3A053-080-114	-	51-CA058

\* For poly devices only  
\*\* 70° boxes are not drilled. Contact customer service if factory drilling is required.  
\* Interior volume with receptacle installed.

## Miscellaneous Accessories

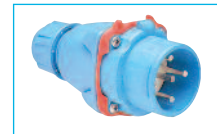


Finger Drawplates	Protective Cap	Padlockable Plug Cap Poly	Inlet Spring-Loaded Cap	Cord Grip with Mesh
FDP3	31-3A126	DS3PC	31-3A226	see pgs 193-194

\* 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