

DS60



DECONTACTOR™ – 60A

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	2 hp
240V	1Ø	3 hp
208V	3Ø	7 1/2 hp
240V	3Ø	7 1/2 hp
480V	3Ø	20 hp
600V	3Ø	25 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 10 AWG Max 2 AWG
Aux Contacts - Max 14 AWG
- Listings**
UL, CSA, IEC, CE*
* Contact Customer Service

Voltage	Polarity	Part #	
		Poly	Metal
120/208V	3P+N+G	33-64167	37-64167
125V	1P+N+G	33-64075	37-64075
125/250V	2P+N+G	33-64076	37-64076
208V	2P+G	33-64162	37-64162
208V	3P+G	33-64163	37-64163
250V	2P+G	33-64072	37-64072
250V	3P+G	33-64073	37-64073
277V	1P+N+G	33-64045	37-64045
277/480V	3P+N+G	33-64047	37-64047
347/600V	3P+N+G	33-64147	37-64147
480V	2P+G	33-64042	37-64042
480V	3P+G	33-64043	37-64043
600V	2P+G	33-64142	37-64142
600V	3P+G	33-64143	37-64143

Voltage	Polarity	Part #	
		Poly	Metal
120/208V	3P+N+G	33-68167	37-68167
125V	1P+N+G	33-68075	37-68075
125/250V	2P+N+G	33-68076	37-68076
208V	2P+G	33-68162	37-68162
208V	3P+G	33-68163	37-68163
250V	2P+G	33-68072	37-68072
250V	3P+G	33-68073	37-68073
277V	1P+N+G	33-68045	37-68045
277/480V	3P+N+G	33-68047	37-68047
347/600V	3P+N+G	33-68147	37-68147
480V	2P+G	33-68042	37-68042
480V	3P+G	33-68043	37-68043
600V	2P+G	33-68142	37-68142
600V	3P+G	33-68143	37-68143

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 # - 263*
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**

Notes: * Not available for metal devices, not UL/CSA listed
** Not UL/CSA listed

Inlet Options	Suffix #
With 2 Auxiliary/Pilot Contacts	Inlet # - 972
With 3 Auxiliary/Pilot Contacts	Inlet # - 263*
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

DS60 Order Example:

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

DS60 Poly inlet 3P+G=33-68043-**972**

DS60 Poly receptacle 3P+G=33-64043-**972**

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

Installation Accessories

Unless indicated otherwise, accessories can be used with either poly or metal plugs and receptacles

Handles



NPT	Poly Handle	Metal* Handle	Cable Range	Nylon Handle	Neoprene Handle	Poly Handle w/Clamp & Bushing	Poly Handle w/built in Draw Grips
1/2"	6PH12	6H12	.50 - 1.25	-	31-611	-	-
3/4"	6PH34	6H34	.51 - 1.38	FH611	-	-	FH611-473
1"	6PH1	6H1	1.250 - 1.375	-	-	6PM622	-
1 1/4"	6PH114	6H114	1.438 - 1.562	-	-	6PM625	-
1 1/2"	6PH112	6H112	1.562 - 1.688	-	-	6PM627	-
			1.688 - 1.812	-	-	6PM629	-

Notes: • For available cord grips, see pgs 193-194. • For a guideline of NPT sizes based on cable ranges, see DS30 on pg 40.
* For metal devices only

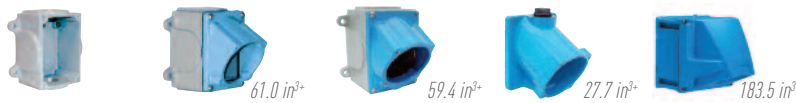
Angles



Nylon 30° Angle	Metal 30° Angle	Metal 70° Angle	Metal Angle+ Oversized 30°	Metal Straight Adapter	Metal Lateral Angle 30°
MP6	MA6	89-6A027	MA660	MS6	MAB6

* Mounts on oversize box only. Order with MB10 box. See page 46.

Junction Boxes



NPT	Metal Box	Metal Box with Nylon Angle	Metal Box with Metal Angle	Poly* Conduit Entry	Poly 70°** Wall Box
1/2"	-	-	-	MC612	51-DA058
3/4"	-	-	-	MC634	51-DA058
1"	MB61	31-6A053-080-1	39-6A053-080-1	MC61	51-DA058
1 1/4"	MB6114	31-6A053-080-114	39-6A053-080-114	MC6114	51-DA058
1 1/2"	MB6112	31-6A053-080-112	39-6A053-080-112	-	51-DA058
2"	MB62	31-6A053-080-2	39-6A053-080-2	-	51-DA058

* 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	Padlockable Cap Aluminum	Inlet Spring-Loaded cap	Cord Grip with Mesh
FDP6	31-6A126	DS6PC	DS6MC	31-6A226	see pgs 193-194

Accessory Spotlight

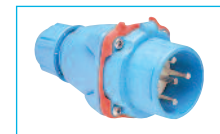
Finger Drawplates



Finger drawplates are recommended for easier connector closure on cord to cord assemblies.

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)
33-68043 + FH611



Female Receptacle with Angle Adapter
33-64043 + MP6