



DECONTACTOR™ – 100A

Switch Rated Plugs & Receptacles

Ratings

- Voltage**
600 VAC, 250 VDC
- Switch Ratings (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**
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 6 AWG Max 2 AWG
Aux Contacts - Max 14 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	Metal
120/208V	3P+N+E	33-64237-C-K16	37-64237-C-K16
125V	1P+N+E	33-64175-C-K07	37-64175-C-K07
125/250V	2P+N+E	33-64176-C-K07	37-64176-C-K07
208V	2P+E	33-64232-C-K16	37-64232-C-K16
208V	3P+E	33-64233-C-K16	37-64233-C-K16
250V	2P+E	33-64172-C-K07	37-64172-C-K07
250V	3P+E	33-64173-C-K07	37-64173-C-K07
277V	1P+N+E	33-64245-C-K04	37-64245-C-K04
277/480V	3P+N+E	33-64247-C-K04	37-64247-C-K04
347/600V	3P+N+E	33-64187-C-K14	37-64187-C-K14
480V	2P+E	33-64242-C-K04	37-64242-C-K04
480V	3P+E	33-64243-C-K04	37-64243-C-K04
600V	2P+E	33-64182-C-K14	37-64182-C-K14
600V	3P+E	33-64183-C-K14	37-64183-C-K14

Voltage	Polarity	Part #	
		Poly	Metal
120/208V	3P+N+E	33-68237-C-K16	37-68237-C-K16
125V	1P+N+E	33-68175-C-K07	37-68175-C-K07
125/250V	2P+N+E	33-68176-C-K07	37-68176-C-K07
208V	2P+E	33-68232-C-K16	37-68232-C-K16
208V	3P+E	33-68233-C-K16	37-68233-C-K16
250V	2P+E	33-68172-C-K07	37-68172-C-K07
250V	3P+E	33-68173-C-K07	37-68173-C-K07
277V	1P+N+E	33-68245-C-K04	37-68245-C-K04
277/480V	3P+N+E	33-68247-C-K04	37-68247-C-K04
347/600V	3P+N+E	33-68187-C-K14	37-68187-C-K14
480V	2P+E	33-68242-C-K04	37-68242-C-K04
480V	3P+E	33-68243-C-K04	37-68243-C-K04
600V	2P+E	33-68182-C-K14	37-68182-C-K14
600V	3P+E	33-68183-C-K14	37-68183-C-K14

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

Receptacle Options

Suffix

With 2 Auxiliary/Pilot Contacts	Recept # - 972
With 3 Auxiliary/Pilot Contacts	Recept # - 263+
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

Notes: + Not available for metal devices

Inlet Options

Suffix

With 2 Auxiliary/Pilot Contacts	Inlet # - 972
With 3 Auxiliary/Pilot Contacts	Inlet # - 263+
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

DS100C Order Example:

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

DS100C Poly inlet 3P+E=33-68243-C-K04-**972**

DS100C Poly receptacle 3P+E=33-64243-C-K04-**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



Not NEMA 3R

Makes connector closures easier

NPT	Poly Handle	Metal* Handle	Cable Range	Poly Handle w/Clamp & Bushing	Nylon Handle	Neoprene Handle	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: • Finger draw plates are recommended for easier connector closure on cord to cord assemblies.
 • For available cord grips, see pgs 167-168.
 * For metal devices only

• For a guideline of NPT sizes based on cable ranges, see DS30 on pg 38.

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

Junction Boxes



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

* For poly devices only

Miscellaneous Accessories



Set of Two (2)

For Male Devices Only

For Male Devices Only

Finger Drawplates	Protective Cap	Padlockable Cap	Inlet Spring-Loaded cap
FDP6	31-6A126	DS6MC	31-6A226

Accessory Spotlight

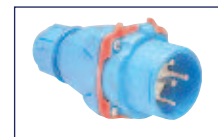
Finger Drawplates



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)
33-68243-C-K04 + FH611



Female Receptacle with Angle Adapter
33-64243-C-K04 + MP6