



DECONTACTOR™ – 100A

Switch Rated Plugs & Receptacles

Ratings

- Voltage**
600 VAC, 250 VDC
- Switch Rating (AC Only)**
Branch Circuit
Disconnect Switching
- Short Circuit Rating**
65kA Close & Withstand
Testing was performed with RK5 time delay fuses sized at 100% of the devices rated ampacity.
- 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 4 AWG Max 2/0 AWG*
Aux Contacts - Max 14 AWG
* Is available upon request by adding suffix "E323" to the inlet or receptacle.
- Listings**
UL, CSA, IEC, CE*
* Contact Customer Service

Receptacle (female)



Inlet (male)



Voltage	Polarity	Part #	
		Poly	Metal
120/208V	3P+N+E	33-94167	37-94167
125V	1P+N+E	33-94075	37-94075
125/250V	2P+N+E	33-94076	37-94076
208V	2P+E	33-94162	37-94162
208V	3P+E	33-94163	37-94163
250V	2P+E	33-94072	37-94072
250V	3P+E	33-94073	37-94073
277V	1P+N+E	33-94045	37-94045
277/480V	3P+N+E	33-94047	37-94047
347/600V	3P+N+E	33-94147	37-94147
480V	2P+E	33-94042	37-94042
480V	3P+E	33-94043	37-94043
600V	2P+E	33-94142	37-94142
600V	3P+E	33-94143	37-94143

Voltage	Polarity	Part #	
		Poly	Metal
120/208V	3P+N+E	33-98167	37-98167
125V	1P+N+E	33-98075	37-98075
125/250V	2P+N+E	33-98076	37-98076
208V	2P+E	33-98162	37-98162
208V	3P+E	33-98163	37-98163
250V	2P+E	33-98072	37-98072
250V	3P+E	33-98073	37-98073
277V	1P+N+E	33-98045	37-98045
277/480V	3P+N+E	33-98047	37-98047
347/600V	3P+N+E	33-98147	37-98147
480V	2P+E	33-98042	37-98042
480V	3P+E	33-98043	37-98043
600V	2P+E	33-98142	37-98142
600V	3P+E	33-98143	37-98143

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 # - 172
- With 3 Auxiliary/Pilot Contacts Recept # - 173+
- With 4 Auxiliary/Pilot Contacts Recept # - 174+
- With 5 Auxiliary/Pilot Contacts Recept # - 175+
- 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
- 180° Opening Lid Recept # - 180
- Closed Lid Configuration Recept # - NC
- With Auxiliary Switch Recept # - 270

Notes: + DS100 devices with 3 or more auxiliary/pilot contacts are not UL/CSA listed

Inlet Options

Suffix

- With 2 Auxiliary/Pilot Contacts Inlet # - 172
- With 3 Auxiliary/Pilot Contacts Inlet # - 173+
- With 4 Auxiliary/Pilot Contacts Inlet # - 174+
- With 5 Auxiliary/Pilot Contacts Inlet # - 175+
- 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
- For Auxiliary Switch Inlet # - NNF

DS100 Order Example:

To order 2 auxiliary/pilot contacts on an inlet and receptacle add -172 to the part numbers.

DS100 Poly inlet 3P+E=33-98043-172

DS100 Poly receptacle 3P+E=33-94043-172

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



IP 66/67

NPT	Poly Handle	Metal* Handle	Cable Range	Poly Handle w/Clamp & Bushing	Santoprene™ Handle
3/4"	9PH34	9H34	.70 - 1.00	–	65-9A013-D25
1"	9PH1	9H1	1.00 - 1.375	–	65-9A013-D35
1 1/4"	9PH114	9H114	1.250 - 1.375	9PM622	–
1 1/2"	9PH112	9H112	1.375 - 1.750	–	65-9A013-D45
2"	9PH2	9H2	1.438 - 1.562	9PM625	–
			1.562 - 1.688	9PM627	–
			1.688 - 1.812	9PM629	–

- 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



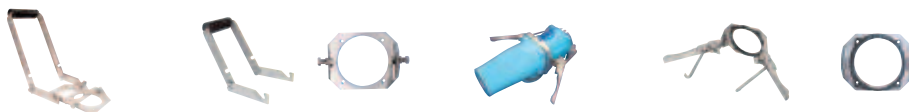
Nylon 30° Angle	Metal 30° Angle	Metal 70° Angle	Metal Angle Oversized 30°	Metal Straight Adapter
MP10	MA10	89-9A027	MA110	MS10

Junction Boxes



NPT	Metal Box	Metal Box with Nylon Angle	Metal Box with Metal Angle
1 1/4"	MB10114	31-9A053-080-114	39-9A053-080-114
1 1/2"	MB10112	31-9A053-080-112	39-9A053-080-112
2"	MB102	31-9A053-080-2	39-9A053-080-2
2 1/2"	MB10212	31-9A053-080-212	39-9A053-080-212

Miscellaneous Accessories



Removable Drawbar Complete Kit *	1 Drawbar	1 Plate	Permanent Drawbar Complete Kit **	1 Drawbar with Attached Plate	1 Plate
NT100	NT110	NT120	39-9A486	39-9A024-486	39-9A014-486

* Consists of 1 Drawbar and 2 Plates

** Consists of 1 Drawbar with Attached Plate and 1 additional Plate



* Set of Two (2)

For Male Devices Only

For Male Devices Only

Finger Drawplates	Protective Cap	Padlockable Cap Aluminum	Cord Grip with Mesh
FDP9SS	31-9A126	DS9MC	see pgs 167-168

* 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)
37-98043 + 65-9A013-D25



Female Receptacle with Angle Adapter
37-94043 + MA10