



DECONTACTOR™ – 100A

Switch Rated Plugs & Receptacles

Ratings

- Voltage**
600 VAC, 250 VDC
- Switch Ratings (AC)**
Branch Circuit & Motor Circuit Disconnect Switching
- Horsepower ratings**

120V	1Ø	7 1/2 hp
240V	1Ø	10 hp
208V	3Ø	30 hp
240V	3Ø	30 hp
480V	3Ø	60 hp
600V	3Ø	60 hp
- Short Circuit Rating**
100kA Close & Withstand
Testing was performed with 250A RK1 fuses, so the 100kA rating applies up to 60 hp @ 600, 40 hp @ 480V and 20 hp @ 240V and 208V.
- Environmental Ratings**
IP67
- Temperature Range**
Min -40°F/Max 140°F
See pg 194 for temps below -15°F.
- Wiring Capacity**
Min 1/0* AWG Max 2/0 AWG
Aux Contacts - Max 14 AWG
Smaller conductors can be retained in the terminal, but may result in a temperature rise greater than the 30° max allowed in UL & CSA standards.
- Listings**
UL, CSA, IEC, CE*
* Contact Customer Service

Receptacle (female)



Inlet (male)



Voltage	Polarity	Part # Metal
120/208V	3P+N+E	89-94167
125V	1P+N+E	89-94075
125/250V	2P+N+E	89-94076
208V	2P+E	89-94162
208V	3P+E	89-94163
250V	2P+E	89-94072
250V	3P+E	89-94073
277V	1P+N+E	89-94045
277/480V	3P+N+E	89-94047
347/600V	3P+N+E	89-94147
480V	2P+E	89-94042
480V	3P+E	89-94043
600V	2P+E	89-94142
600V	3P+E	89-94143

Voltage	Polarity	Part # Metal
120/208V	3P+N+E	89-98167
125V	1P+N+E	89-98075
125/250V	2P+N+E	89-98076
208V	2P+E	89-98162
208V	3P+E	89-98163
250V	2P+E	89-98072
250V	3P+E	89-98073
277V	1P+N+E	89-98045
277/480V	3P+N+E	89-98047
347/600V	3P+N+E	89-98147
480V	2P+E	89-98042
480V	3P+E	89-98043
600V	2P+E	89-98142
600V	3P+E	89-98143

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

Main Options



Auxiliary/Pilot Contacts

Receptacle Options

Suffix

With 4 Auxiliary/Pilot Contacts Recept # - 174**

Inlet Options

Suffix

With 4 Auxiliary/Pilot Contacts Inlet # - 174**

* DB100 devices with auxiliary/pilot contacts are not UL/CSA listed

** Auxiliary/Pilot Contacts are not available on DB devices with 1P+N+E, 2P+N+E or 3P+N+E polarity

See pgs 171-180 for detailed information on these options

DB100 Order Example:

To order 4 auxiliary/pilot contacts on an inlet and receptacle add **-174** to the part numbers.

DB100 Metal inlet 3P+E=89-98043-**174**

DB100 Metal receptacle 3P+E=89-94043-**174**

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

Installation Accessories

Handles



NPT	Poly Handle	Metal* Handle
3/4"	9PH34	9H34
1"	9PH1	9H1
1 1/4"	9PH114	9H114
1 1/2"	9PH112	9H112
2"	9PH2	9H2

Cable Range	Poly Handle w/Clamp & Bushing
1.25 - 1.375	9PM622
1.438 - 1.562	9PM625
1.562 - 1.688	9PM627
1.688 - 1.812	9PM629

Angles



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

NPT Guidelines

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

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

Junction Boxes



NPT	Metal Box	Metal Box with Metal Angle
1 1/4"	MB10114	89-9A053-080-114
1 1/2"	MB10112	89-9A053-080-112
2"	MB102	89-9A053-080-2

Miscellaneous Accessories



For Male Devices Only



Protective Cap	Cord Grip with Mesh
89-9A126	see pgs 167-168

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)
89-98043 + 9PM622



Female Receptacle with Angle Adapter
89-94043 + 89-9A027