



The MD50 Motor Disconnect Switch merges 3 key product features to provide a safe, quick and reliable mating of mobile and fixed motors to power connections. The features are the UL508 "Suitable For Motor Disconnect" switch, the IEC 60309-2 pin and sleeve technology and the mechanical interlock integrated in a rugged plastic enclosure. The mechanical interlock prevents the making or breaking under load of plug connected equipment. The plug must be inserted before the power can be turned "ON". The plug can not be removed until the power is turned "OFF". The combination of the MD50's UL508 listing, IEC 60309 technology, and the rugged plastic enclosure, provides a set of features for motor disconnecting not available in the existing UL98 Receptacle Switch offering. Grounding and conduit hub included.

Table 3.51: Non-Fusible▲

| System | Amperes | Voltage | NEMA 4X and 12 | | Use With Plug | | Horse Power Rating | Phase | Wire Size |
|----------------|---------|-----------|----------------|----------|---------------|----------|--------------------|-------|-----------|
| | | | Cat No. | \$ Price | Cat. No. | \$ Price | | | |
| 2-Pole 3-Wires | 30 | 125 | MD330MI4 | 823.86 | ME330P4W | 142.79 | 2 | 1 | 12-8 |
| | | 250 | MD330MI6 | 832.86 | ME330P6W | 142.79 | 5 | 1 | 12-8 |
| 3-Pole 4-Wires | 20 | 250 | MD360MI6 | 1091.69 | ME360P6W | 234.71 | 10 | 1 | 6-2 |
| | | 250 | MD420MI9 | 787.50 | ME420P9W | 108.17 | 7.5 | 3 | 12-8 |
| | 30 | 480 | MD420MI7 | 787.50 | ME420P7W | 108.17 | 15 | 3 | 12-8 |
| | | 250 | MD430MI9 | 762.14 | ME430P9W | 157.21 | 10 | 3 | 12-8 |
| | | 480 | MD430MI7 | 762.14 | ME430P7W | 157.21 | 20 | 3 | 12-8 |
| | | 600 | MD430MI5 | 889.97 | ME430P5W | 157.21 | 20 | 3 | 12-8 |
| | 60 | 250 | MD460MI9 | 1040.45 | ME460P9W | 229.33 | 20 | 3 | 6-2 |
| | | 480 | MD460MI7 | 1040.45 | ME460P7W | 229.33 | 40 | 3 | 6-2 |
| | | 600 | MD460MI5 | 1307.06 | ME460P5W | 229.33 | 50 | 3 | 6-2 |
| | | 125/250 | MD4100MI12 | 1181.88 | ME4100P12 | 310.10 | 125 V 5, 250 V 15 | 1 | 6-1/0 |
| 100 | 250 | MD4100MI9 | 1415.05 | ME4100P9 | 310.10 | 25 | 3 | 6-1/0 | |
| | 480 | MD4100MI7 | 1273.79 | ME4100P7 | 310.10 | 50 | 3 | 6-1/0 | |
| | 600 | MD4100MI5 | 1415.05 | ME4100P5 | 310.10 | 50 | 3 | 6-1/0 | |
| 4-Pole 5-Wires | 30 | Y120/208 | MD530MI9 | 821.85 | ME530P9W | 194.71 | 7.5 | 3 | 12-8 |
| | | Y277/480 | MD530MI7 | 887.59 | ME530P7W | 194.71 | 20 | 3 | 12-8 |
| | | Y347/600 | MD530MI5 | 887.59 | ME530P5W | 194.71 | 20 | 3 | 12-8 |
| | 60 | Y120/208 | MD560MI9 | 1084.91 | ME560P9W | 272.60 | 20 | 3 | 6-2 |
| | | Y277/480 | MD560MI7 | 1139.16 | ME560P7W | 272.60 | 40 | 3 | 6-2 |
| | | Y347/600 | MD560MI5 | 1301.90 | ME560P5W | 272.60 | 50 | 3 | 6-2 |
| | 100 | Y120/208 | MD5100MI9 | 1415.05 | ME5100P9 | 373.56 | 25 | 3 | 6-1/0 |
| | | Y277/480 | MD5100MI7 | 1415.05 | ME5100P7 | 373.56 | 50 | 3 | 6-1/0 |
| | | Y347/600 | MD5100MI5 | 1415.05 | ME5100P5 | 373.56 | 50 | 3 | 6-1/0 |

▲ Provides up to 10KAIC Short Circuit Protection.

NOTE: Auxiliary Contact's ordering information;
20 and 30 Amps non-fused, ME2030AUX
60 A and 100 Amps non-fused, ME80AUX

Table 3.52: Fusible◆

| System | Amperes | Voltage | NEMA 4X and 12 | | Use With Plug | | Horse Power Rating | Horse Power Rating Max. | Phase | Wire Size |
|----------------|---------|---------|----------------|----------|---------------|----------|--------------------|-------------------------|-------|-----------|
| | | | Cat. No. | \$ Price | Cat. No. | \$ Price | | | | |
| 3-Pole 4-Wires | 30 | 250 | MD430MIF9 | 1087.54 | ME430P9W | 157.21 | 3 | 7.5 | 3 | 18-8 |
| | | 480 | MD430MIF7 | 1368.77 | ME430P7W | 157.21 | 5 | 15 | 3 | 18-8 |
| | | 600 | MD430MIF5 | 1196.12 | ME430P5W | 157.21 | 7.5 | 20 | 3 | 18-8 |
| | 60 | 250 | MD460MIF9 | 1342.07 | ME460P9W | 229.33 | 7.5 | 15 | 3 | 14-4 |
| | | 480 | MD460MIF7 | 1419.09 | ME460P7W | 229.33 | 15 | 30 | 3 | 14-4 |
| | | 600 | MD460MIF5 | 1415.05 | ME460P5W | 229.33 | 15 | 30 | 3 | 14-4 |

■ UL98 Listed.

◆ Provides up to 100KAIC Short Circuit Protection.

NOTE: Auxiliary Contact's ordering information;
30 Amps fused, ME30FDAUX
60 Amps fused, ME60FDAUX

Type J Fuses Only

Schneider Electric
1601 Mercer Road
Lexington, KY 40511 USA
1-888 Square D
(1-888-778-2733)
www.us.Schneider-Electric.com