Meltric Decontactor Series Motor Plugs are a combination plug & receptacle and disconnect switch in the same device. With their UL and CSA switch ratings, Decontactors provide users with a cost effective and convenient means of providing the NEC required ‘line of sight’ disconnect. They also help to significantly reduce motor change-out downtime by combining plug and play simplicity with the safety of a dead-front switch. Motors that are pre-wired with a plug or inlet can be connected simply by being plugged in, and because there is no access to live parts, the need for NFPA 70E required arc-flash hazard analysis and associated PPE is eliminated.

Decontactors can be installed in a number of ways, making it easy to accommodate the requirements of the application and preferences of the user. Examples of common installation practices are shown below.
SELECTING THE RIGHT DECONTACTOR™ SERIES

DSN Series
Choose DSN Series for its...
- Compact, lightweight design
- Automatic Type 4X watertightness

Common Applications
- Wet or washdown environments
- Plug & play electrical connections

DS Series
Choose DS Series for its...
- High amperage range (up to 200A)
- Poly or metal casing materials (60A and above)
- Larger conductor capacities

Common Applications
- Heavy industry
- High amperage equipment

DB Series
Choose DB Series for its...
- High HP ratings (up to 60 hp)
- Robust, heavy duty construction

Common Applications
- Motors with frequent make and break requirements
- Harsh environments

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Per UL Subject 2682 Switch-Rated Plugs and Receptacles

### Electrical Endurance (With Load)
- 6000 Cycles @ Rated Current & Voltage (P.f. = .75 - .80)

### Overload - Locked Rotor (Horsepower Rated Devices)
- 50 Operations @ 600% of Full Load Motor Current (P.f. = .40 - .50)

### Overload (General Use Devices)
- 50 Operations @ 150% of Rated Current (P.f. = .75 - .80)

### Short Circuit Withstand
- ≥ 10 kA* (600V and ≤ .50 power factor)

### Short Circuit Make
- ≥ 10 kA* (600V and ≤ .50 power factor)

### Voltage Withstand
- 1000V + 200% of Device Rating

### Temperature Rise
- < 30°C

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1 DS100 and DS200 models.
* Minimum 65kA ratings were achieved by all DSN, DS and DB Series plugs and receptacles.