

Switch-Rated Plugs and Receptacles with DECONTACTOR™ Technology

ARC FLASH PROTECTION without PPE



• Switch Ratings

MELTRIC® DS and DSN series combine the safety of a disconnect switch with the convenience of a plug and receptacle. Users can safely make and break connections under full load.

• Enclosed Arc Chambers

Eliminates dangerous arc hazard at disconnection. No need to conduct arc flash assessment or establish arc flash and shock protection boundaries.

• Safety Shutter

Prevents exposure to live parts, eliminating associated hazards.

• NEC and NFPA 70E Compliant

Separation of the plug and receptacle provides visual proof of deenergization. Establishes “electrically safe” work conditions without cumbersome PPE or voltage testing.

UL/CSA rated for
motor and branch circuit
disconnect switching

Meltric DSN60
60A, 480VAC
20 hp, TYPE 4X



63-64043
SWITCH RATED RECEPTACLE/CONNECTOR
MOTOR CIRCUIT DISCONNECT SWITCH
BRANCH CIRCUIT DISCONNECT SWITCH

- Type 4X/IP69/IP69K automatic watertightness when connected or lid is closed
- Ideal for welders, motors, and other industrial electrical equipment



MELTRIC® DECONTACTOR™ Technology Advantages

Superior Contact Technology

- Spring-loaded butt-style contacts ensure optimal contact force is maintained over thousands of operations
- Silver-nickel contacts provide reliable connections that resist welding, wear, and corrosion, and are 20x more conductive than brass
- Spring-assisted terminals prevent loosening over time



Simple Operation



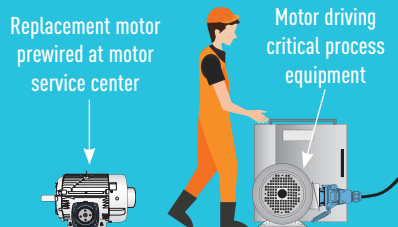
Press the button to quickly deenergize equipment; twist and remove plug.

Installation Options



Flexible mounting configurations allow convenient device installation.

Quick Changeouts



Switch-Rated devices minimize downtime during critical motor and equipment changeouts.



Maximum Safety

- **Eliminate Potential Arc Flash Exposure**
Load making and breaking is isolated in an enclosed arc chamber, so users cannot draw an arc if disconnecting under load. When the plug and receptacle are separated, a dead-front safety shutter prevents unintended access to live parts.
- **Simplify Code Compliance**
MELTRIC Switch-Rated plugs and receptacles are an approved NEC 'line of sight' disconnect. Removal of the plug provides visual verification of deenergization and helps to comply with NFPA 70E/CSA Z462 Standards—without the need for cumbersome PPE.



Increased Efficiency

- **Reduce Equipment Changeout Time**
Electrical connections required for motor and equipment changeouts can be made quickly and safely by technicians with plug and play simplicity. The need for 'suing-up,' voltage testing, and hard wiring is eliminated, reducing downtime.
- **Integral Process Monitoring**
MELTRIC Switch-Rated plugs and receptacles are available with up to six auxiliary contacts, allowing users to combine power and control circuits in one connection.



Lower Costs

- **Reduce Equipment Costs**
Switch-Rated devices are designed and rated for disconnect switching. There is no need for the expensive switches and interlocks required with pin and sleeve devices.
- **Reduce Maintenance Costs**
Durable contacts and automatic watertightness provide long operating lives, minimizing replacement maintenance.

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