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. Safely make and break connections under load.

- **Built-In Arc Chamber**
  Eliminates dangerous arc hazard at disconnection. No need to conduct arc flash assessment or establish arc flash and shock protection boundaries.

- **Safety Shutter**
  Prevents accidental electrical exposure to live contacts.

- **NEC & NFPA 70E Compliant**
  Separation of the plug and receptacle provides visual proof of de-energization. Establishes “electrically safe” work conditions without cumbersome PPE or voltage testing.

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

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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

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. Once 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. Plug and receptacle separation provides the de-energization visual verification required to comply with NFPA 70E/CSA Z462—without the need for cumbersome PPE.

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 provide longer operating life; eliminate voltage testing and PPE “suit up” time.

Increased Efficiency
- Reduce Equipment Change-Out Time
  Replace motors and equipment quickly and easily with MELTRIC plug and play simplicity. Qualified personnel can change out equipment without PPE or additional energy verification.
- Integral Process Monitoring
  MELTRIC Switch-Rated plugs and receptacles are available with up to 6 auxiliary contacts allowing users to combine power and control circuits in one connection.