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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UL & CSA Switch-Rated for motor and branch circuit disconnects

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**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.

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**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
**MELTRIC DECONTACTOR™ Technology Advantages**

### Maximum Safety
- **Eliminates Potential Arc Flash Exposure**
  An enclosed arc chamber isolates load making and breaking. Additional design features prohibit accidental disconnect. Once removed, a dead front safety shutter prevents any unintended access to live parts.

- **Code Compliance Simplified**
  MELTRIC Switch-Rated plugs and receptacles are an approved NEC ‘line of sight’ disconnect. Plug and receptacle separation provides de-energization visual verification required to comply with NFPA 70E/CSA Z462. Without the need for cumbersome PPE.

### Lower Costs
- **No More Interlocks and Auxiliary Disconnects**
  Switch-Rated devices are designed and rated for disconnect switching. There is no need for the expensive switches and interlocks required with other connection devices.

### Superior Contact Technology
- Spring-loading ensures proper contact force
- Silver-nickel contacts resist wear, welding and corrosion
- Silver-nickel contacts are 20x more conductive than brass
- Spring-assisted terminals prevents loosening over time

### Robust Connectivity
- Spring loaded, solid silver-nickel contacts provide superior conductivity, durability and corrosion resistance, even in harsh environments.

### Increased Efficiency
- **Reduce Equipment Change-out Time**
  Safely and quickly replace motors and other equipment with patented MELTRIC plug-and-play simplicity.

- **Simplify Process Monitoring**
  Combine control and power circuits in one connection. MELTRIC devices, with up to six auxiliary contacts, that make last and break first.

### Simple Operation
1. Press the pawl button to de-energize equipment then twist and remove.

### Quick Change-outs
2. Replacement motor prewired at motor service center
3. Motor-driving critical process equipment
4. Switch-Rated devices minimize downtime during critical motor change-outs.

### Installation Options
- Flexible mounting configurations allow convenient location.

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