

#### **Dead Front Safety Shutter**

Assures safety by preventing user access to live parts.

#### Silver-Nickel Contact Tips

Silver-nickel material offers exceptional electrical properties and resistance to corrosion and oxidation.

#### Watertight Seal

Rated watertightness up to Type 4X is achieved as soon as the plug mates with the receptacle (DS and DSN models).

#### **Pushbutton Pawl**

Provides guick, safe and easy load break.

#### Spring-Assisted Screw Terminals

Patented design assures "Tighten and Forget" confidence.

#### Casing

Offers great resistance to impact and harsh environmental conditions.

#### Spring-Loaded Butt-Style Contacts

Ensures optimal contact force and integrity over thousands of operations.



# Tested to a Higher Standard

MELTRIC Switch-Rated plugs & receptacles are the world's only UL and CSA switch-rated plugs and receptacles. Not only do they meet performance test requirements for UL 1682/ CSA C22.2 No. 182.1 (to which competitive pin and sleeve devices are listed), but they also meet the performance test requirements in UL Subject 2682 "Switch-Rated Plugs and Receptacles." Based on their evaluation against this standard, switch-rated plugs & receptacles are UL and CSA listed for use in motor circuit disconnect/switching applications and in branch circuit disconnect/switching applications.

#### Additional tests passed exclusively by MELTRIC Switch-Rated plugs and receptacles per UL Subject 2682

- ▶ 50 operations @ 6x motor FLA .4-.5 power factor
- ▶ 6,000 operations @ FLA .75-.8 power factor
- Short circuit make and withstand @ ≥65kA, 600V and < .15 PF

Additional Listings include: IEC/EN 60309-1, 60947-3, AS 3123







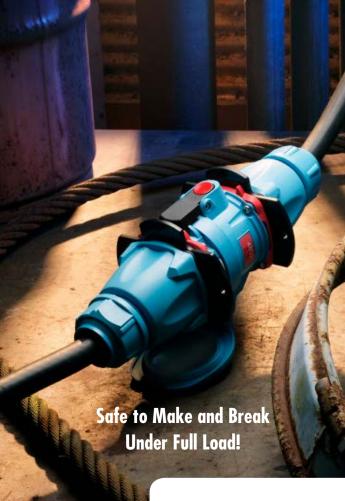
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# Switch-Rated Plugs & Receptacles

Featuring DECONTACTOR® Technology







Type 4X ratings and an automatic watertightness feature make Switch-Rated plugs & receptacles ideal for washdown environments.

# DECONTACTOR™ Technology Advantages

## **Ensure User Safety**

MELTRIC Switch-Rated plugs & receptacles are designed for safety. They eliminate the hazards associated with pin & sleeve devices. Key safety features include:

- Dead front construction
- Enclosed arc chambers
- Spring-loaded butt-style contacts
- Short circuit make & withstand ratings ≥65kA

These features ensure safety by preventing access to live parts, by providing a superior electrical connection that does not deteriorate with wear or oxidation. Users can safely make & break connections – even during overload or locked rotor conditions.





NELIRIC Switch-Rate lugs & receptacles an be easily locked ut and tagged out, nly your lock and an are needed

### Simplify Code Compliance & Avoid Costs

MELTRIC Switch-Rated plugs and receptacles are UL, CSA and IEC switch-rated up to 200A or 75 hp. Using MELTRIC to connect electrical equipment automatically provides the NEC® required 'line of sight' disconnect, which:

- Makes code compliance easy.
- ► Eliminates the need for separate disconnect switches or mechanical interlocks.
- Reduces equipment and installation costs.

When you purchase a MELTRIC Switch-Rated plug and receptacle, you effectively get the disconnect switch for free.



## Reduce Equipment Change-out Time

The unique features of MELTRIC Switch Rated plugs & receptacles allow motors and other equipment to be safely connected with plug and play simplicity. When disconnected, they provide positive visual verification that power is off.

- Mechanics can easily replace or service equipment without the need for an electrician on site.
- ► The need for cumbersome electrical PPE, as required by NFPA 70E®, is eliminated.

Connecting equipment with MELTRIC devices allows you to reduce equipment change-out downtime, minimize worker exposure to harsh environments and eliminate costly re-wiring errors.

A dead front safety shutter helps users avoid the need for cumbersome PPE and thus allows faster and safer equipment change-outs.

