



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 quick, 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 @ $\geq 65\text{kA}$, 600V and $< .15\text{ PF}$

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



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MELTRIC
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Switch-Rated Plugs & Receptacles

Featuring DECONTACTOR® Technology



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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 $\geq 65\text{kA}$**

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.



MELTRIC Switch-Rated plugs & receptacles can be easily locked out and tagged out, only your lock and tag 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.

