



Tested to a Higher Standard

Unlike standard pin and sleeve devices, which are evaluated to UL 1682/CSA c22.2 No. 182.1, MELTRIC Switch-Rated plugs and receptacles are additionally performance tested and listed to UL Subject 2682 "Switch-Rated Plugs and Receptacles." This provides the basis for their UL/CSA certification for use in motor circuit and branch circuit disconnect switching applications.

Key performance tests required for MELTRIC's Switch-Rated listings per UL Subject 2682:

- 50 operations @ 600% Full Load motor current with .4-.5 power factor
- 6,000 operations @ Rated Current and Voltage with .75-.8 power factor
- Short circuit make and withstand @ $\geq 10\text{kA}^*$, 600V and $< .15\text{ PF}$

*Device ratings range from 10kA to 100kA.



Spring-Loaded, Silver-Nickel Butt-Style Contacts make the difference between ordinary and Switch-Rated plugs and receptacles.



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SWITCH-RATED PLUGS AND RECEPTACLES

Featuring
DECONTACTOR® Technology



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DECONTACTOR[®] Technology Advantages

Ensure User Safety

MELTRIC Switch-Rated plugs and receptacles are designed for safety. They safely make and break connections under full load and eliminate the hazards associated with pin and sleeve devices.

- No pulling an arc during disconnection
- No exposure to live parts
- No brass contacts to degrade, weld, or fail during use
- No failure from terminal screw loosening

MELTRIC Switch-Rated plugs and receptacles are also rated to make into and withstand short circuit currents up to 100kA when protected with RK1 fuses.



Watertightness ratings up to Type 4X/IP69K are achieved automatically, so there is no need to thread on special watertightness rings.

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

Simplify Code Compliance and Reduce Costs

MELTRIC Switch-Rated plugs and receptacles are UL/CSA rated for branch circuit and motor circuit disconnect switching up to 200A and 100 hp. Using them to connect electrical equipment automatically provides the NEC-required 'line of sight' disconnect, which:



- Simplifies code compliance.
- 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 Changeout Time

Using MELTRIC Switch-Rated plugs and receptacles to connect motors and other critical equipment allows changeouts to be performed without the need for wiring work.

- No waiting for an electrician
- No suiting up in cumbersome PPE
- No rewiring for proper rotation

Critical processes are back up and running in a fraction of the time.

The electrical work to pre-wire replacement motors and ensure proper phase rotation is done at a convenient time back at the shop.

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

SAFETY SHUTTER



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