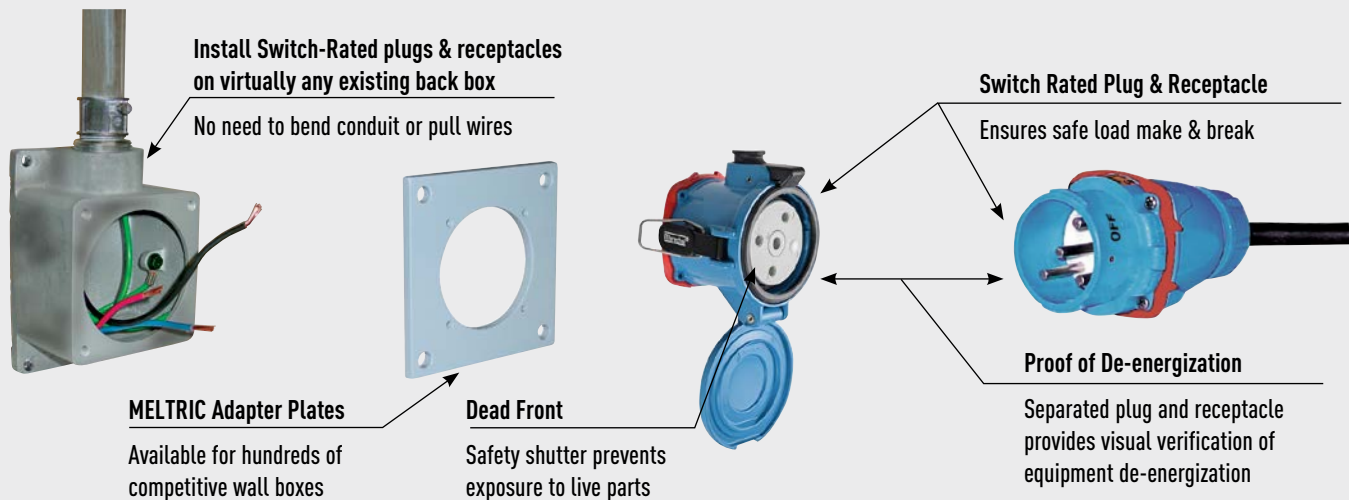


Update Your Plugs and Receptacles to Ensure Arc Flash Protection and NFPA 70E Compliance

NFPA 70E recommended safety procedures not only apply to MCC's and large switchgear, but they also cover the plugs & receptacles used to connect welders, pumps, and other portable equipment. Because many of the standard plugs and receptacles currently in service have accessible live parts and can be hazardous if connected or disconnected under load, users must either update their equipment or follow cumbersome safety procedures in order to comply with NFPA 70E.

MELTRIC® Makes it Easy

Replace existing plugs and receptacles with our Switch-Rated plugs and receptacles using DECONTACTOR™ technology to simplify NFPA 70E compliance.



Avoid dangers and hassles of traditional plugs



WARNING Arc Flash Hazard

Most pin & sleeve and twist type devices are not intended to be connected or disconnected under load. Doing so may expose users to live contacts and arc flash hazards that can result in serious injuries.



REQUIREMENT Costly Procedures

NFPA 70E requires verification that the power is OFF before most standard plugs and receptacles can be connected or disconnected. In many cases, this requires voltage testing by a "qualified" worker wearing PPE.



CAUTION Dangerous Work Practices

The expensive interlocks required to prevent standard plugs & receptacles from being connected or disconnected under load are completely defeated when workers use extension cords.

Switch-Rated Advantages



Switch ratings ensure safe load breaking/making even in overload situations

MELTRIC's Switch-Rated plugs and receptacles are switch-rated up to 200 A and 75 hp. They provide short circuit make and withstand protections up to 100 kA.



Dead-front construction prevents exposure to live parts and arc flash hazards.

Making and breaking electrical connections with MELTRIC's Switch-Rated plugs and receptacles meet NFPA 70E's 'Normal Operation' definition. No special PPE is required.



Plug and play simplicity allows qualified workers to quickly connect and disconnect electrical equipment.

Equipment change-out downtime can be reduced by up to 50%; specially trained electrical workers are not required to make and break the connections.

Separation of the plug and receptacle provides verification of de-energization.

Voltage testing is not required. Visible contact separation proves the power is off.



Integral provisions make lockout/tagout easy.

Standard lockout hole on the plug makes LOTO simple; optional provisions allow receptacle LOTO or locking the device together to prevent unintended disconnection.

NEC, UL & CSA Compliance

In addition to their plug & receptacle listings, Meltric Switch-Rated plugs and receptacles are UL and CSA switch-rated and are approved NEC line-of-sight disconnect switches for both resistive and inductive loads.

- UL listed for 'Branch Circuit Disconnect Switching' and 'Motor Circuit Disconnect Switching' per UL Subject 2682 'Switch-Rated Plugs & Receptacles'.
- CSA listed as 'Branch Circuit Disconnect Switches' and as 'Manual Motor Controllers' per CSA C22.2 no. 4 and no. 14.

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