Warning: May expose workers to live parts or arc flash.

Requirement: Ancillary safety switch must be voltage tested to verify deenergization before connection or disconnection.

Warning: Interlocks are easily defeated with extension cords. Switch failure can result in exposure to arc flash during plug removal.

Requirement: Safety switch still must be voltage tested to verify deenergization.

Provide the Safety of a Switch
Integral switching mechanism safely makes and breaks inductive loads

Ensure Arc Flash Protection
Workers are never exposed to arcing or live parts

Simplify Compliance to NFPA 70E/CSA Z462
Cumbersome requirements for working near live parts can be avoided

WHAT IS THE STATUS OF YOUR WELDING RECEPTACLES?

PIN & SLEEVE
Warning: May expose workers to live parts or arc flash.

Requirement: Ancillary safety switch must be voltage tested to verify deenergization before connection or disconnection.

MECHANICAL INTERLOCK
Warning: Interlocks are easily defeated with extension cords. Switch failure can result in exposure to arc flash during plug removal.

Requirement: Safety switch still must be voltage tested to verify deenergization.

UPGRADE REQUIRED FOR SAFETY

ARC FLASH SAFE

SWITCH-RATED
Integral switch mechanism ensures safe load making/breaking without PPE.
Internal arc chambers prevent exposure to arc flash. The plug is always deenergized before it can be removed, and the safety shutter protects users from live parts.
IMPROVE WELDER SAFETY

with MELTRIC’s Switch-Rated ADVANTAGES

UL & CSA switch ratings ensure safe load breaking/making – even in overload situations.

Certifications for motor and branch circuit disconnect switching cover applications up to 200A & 75 hp. When used on an extension cord MELTRIC’s Switch-Rated plugs & receptacles provide a convenient inline switch.

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

The need for flash protection boundaries and cumbersome PPE is eliminated. NFPA 70E/CSA Z462 compliance is simplified.

Separation of the plug & receptacle provides verification of deenergization.

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

Plug & play simplicity allows any qualified employee to quickly connect and disconnect electrical equipment.

Specially trained electrical workers are not required for load making/breaking. Downtime related to equipment change-outs can be reduced by up to 50%.

Integral provisions make lockout/tagout easy.

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

LOW COST RETROFIT SOLUTIONS

Install MELTRIC on virtually any existing back box

No need to bend conduit or pull wires.

Switch-Rated Receptacle

Meets requirements for line of sight disconnect. Protects from electrical hazards.

Upgrade Obsolete Safety Switches

Avoid expensive and labor intensive replacements.

Standard Adapter Plate

Available for hundreds of wall boxes.

Custom Adapter Plate

Available for safety switch retrofits.