

# WORLDWIDE INTERCHANGEABILITY, SAFETY AND RELIABILITY...



## SAFETY

Designed to combine a disconnect switch and a receptacle into one compact device. Walther's mechanical interlock receptacles eliminate the possibility of making or breaking the circuit under load or making a haphazard connection.

A mechanism within the enclosure prevents the switch from being turned to the "ON" position until the plug is fully engaged into the receptacle. Once inserted, the plug is locked in place when the switch is turned on and can't be removed until the switch is turned to the "OFF" position. This prevents making or breaking the circuit under load.

The integration of the switch and the receptacle in a single, compact enclosure encourages the safe operating practice of disconnecting at the switch rather than the plug and receptacle.

The nonmetallic enclosure, while abuse and corrosion resistant, is also non conductive, which enhances the safety of the product. The device can be connected to metallic conduit without interfering with the ground continuity. All mechanical interlock receptacles provide lockout protection for greater safety and comply with OSHA Lockout/Tagout requirements.

## RELIABILITY

These horsepower rated devices are available in both splashproof and watertight versions.

NEMA 4X Watertight (IP67) devices are designed for the most demanding environments and provide protection against corrosion, dirt, dust, splashing water and hose-directed water.

Splashproof (IP44) devices provide many of the heavy-duty construction features found in the watertight devices, but at a more economical cost. These units are suitable and recommended for use in a variety of light industrial environments and provide protection against damaging deposits of dirt and dust, rain and splashing water.

Watertight and splashproof devices provide exceptional UV stability for superior outdoor performance.

## WORLDWIDE INTERCHANGEABILITY

Walther's mechanical interlock receptacles are built to IEC 309-1 and 309-2 specifications and are completely compatible with not only Walther IEC 309-2 plugs, but with any manufacturer's plugs that conform to these IEC standards and color coding system... anywhere in the world.



Walther Mechanical Interlocks, with built-in circuit breakers, incorporate an interlocking receptacle with MCB Type "C" circuit breakers in a non-metallic enclosure that meets Type 4X (Washdown, Corrosion Resistant) requirements.

This new design combines the circuit breakers, switch and receptacle in a single enclosure. The Type "C" circuit breakers are mounted on DIN rail directly above the switch.

## Walther CIRCUIT-BREAKER Mechanical Interlocks

The new CIRCUIT-BREAKER Mechanical Interlock integrates a circuit breaker (which takes the place of a switch) and receptacle in a nonmetallic enclosure that meets Type 4X (Washdown, Corrosion Resistant) requirements.

- Switched, Circuit Breaker Interlock Receptacles are available in 20, 30, 60 and 100 Amp (North American Ratings) and 16, 32, 63 and 125 Amp (International Ratings).
- UL489 Listed 22KAIC protection.



# IEC 309-1 and 309-2 MECHANICAL INTERLOCKS

## Compliance with OSHA Lockout Requirements

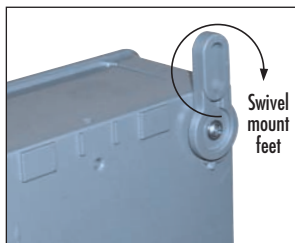
Walther's Mechanical Interlock's bright red handle can be locked in the "OFF" position as a method of compliance with OSHA lockout requirements. The handle can accept up to a 5/16" padlock shaft.

## Watertight NEMA 4X, 12K Enclosure

Walther's Mechanical Interlocks are gasketed and rated as a Watertight NEMA 4X, 12K enclosure. The nonmetallic enclosure, while abuse and corrosion resistant, is also non-conductive which enhances the safety of the product.

## Grounding Plate

Walther's Mechanical Interlocks are supplied with a free floating grounding plate. Because of this unique method of grounding, conduit entry may be made from the top, bottom or side. No other brand offers this type of installation versatility.



## Compact Size

All versions and sizes are designed to fit within the web of an 8" column. This compact size allows the use of columns as a mounting location.

## Easy Identification

Catalog number, rating and certifications are indicated on the label for easy identification of mating devices.

## Color Coded Receptacle Covers

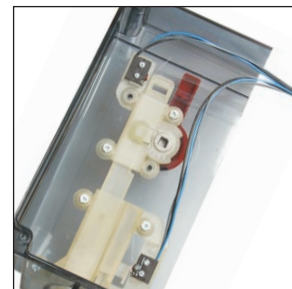
Receptacle covers are color-coded by voltage in accordance with IEC 309 standard.

## A Pre-Molded Offset Dimple

Walther does not install a hub at the top of our mechanical interlocks, rather a pre-molded offset dimple (drill point) is provided instead of a conduit entry hole. This allows the installer to choose the size of the conduit to be used, and the location where the conduit will be attached to the enclosure (top, bottom or side entry) without the use of knockout plugs and reducers. Arranging the conduit entry hole at the dimple location will prevent condensation from falling directly on the interior electrical components, such as the switch. It will also allow for more room to pull conductors when wiring. Approximately 40% of all entry is from the bottom.

## Swivel Mount Feet (135°)

Swivel mount feet can be used for installations where irregular or tight fit applications exist.



## Completely Compatible

Completely compatible with not only Walther IEC 309-1 and 309-2 plugs, but with any manufacturer's plugs that conform to the IEC 309 standards and color coding system...anywhere in the world. When Walther IP67 plugs are used in-conjunction with NEMA 4X rated Walther mechanical interlocks, both devices are NEMA 4X rated.

## Micro Switch

Available upon request. May be used to transmit signal when plug is inserted or when switch is turned to the "ON" position. May also be used for indicator light to display and confirm when switch is turned "ON" or "OFF". Consult technical service for price and delivery.