

## PRODUCT DATA SHEET

Part Number AO189417

EAN

Manufacturer Walther-Werke

### 100A 4P IEC 60309 Surface mount Receptacle with mechanical interlock switch

- High Impact Thermoplastic featuring high resistance
- And toughness creating an abrasion-resistant material
- Zinc electroplated Steel Screws
- Color Coded by voltage
- On and off lockout/tagout capability
- Ground first to mate – last to break for added safety
- Walther can custom design configurations that meet your application requirements.
- Walther can produce and supply the mating cable assemblies.



### Ordering/Logistics Information

Order Unit	Piece
Net Weight	9.06 lbs or 4.11 kg
Packing Quantity (VPE)	1
Packaging Length	16.06 in or 0.408 m
Packaging Width	9.45 in or 0.24 m
Packaging Depth	7.32 or 0.186 m

### Technical Product Data

IEC-ampereage	125A
Amperage acc. UL/CSA	100A
Number of poles	3P + G
Voltage acc. EN 60309-2	600 V / (50-60HZ)
Clock hour position	5 h
Identification color	Black
Degree of protection (IP)	IP67
Connection system	Screwed terminal
Maximum torque terminal screw	4 Nm
Material	Plastic
Connection type	Wall mount plug

### 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.



### 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.



### 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.

### 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.



All specifications are subject to change without notice. Consult a Walther Electric Engineer for the latest specifications or speak with a member of our Customer Care Team +1 (800) 925-8437.