



## 4100MI7W

### Item Description

100 Amp, 480 Volt 3-Phase, IEC 309-1 & 309-2, 3P, 4W, Mechanical Interlock North American Pin & Sleeve Receptacle, Hub Sold Separately (See Leviton Cat Number HUB-xxx), Industrial Grade, IP67, Watertight, Non-Fused - RED



Color:  Red

UPC Code: 07847712612

## Technical Information

### AC Horsepower Ratings

**At Rated Voltage:** 50 HP

### Electrical Specifications

**Amperage:** 100 A

**Current Interrupting:** Certified for current interrupting at full rated current

**Dielectric Voltage:** 1000 V plus rated voltage for 1-minute

**Endurance:** 6,000 cycles inductive motor type load

**Pole:** 3

**Voltage:** 480 VAC

**Wire:** 4

**Phase:** 3-Phase

### Environmental Specifications

**Dust:** Type 12K per UL 50

**Flammability:** Rated V-0 per UL 94

**Gasket Aging:** 70C for 168 hours

**Hosedown:** Type 4X per UL 50

**IP Rating:** IP67/IP69K

**Operating Temperature:** -40°C to 60°C

**Rain:** Type 3R per UL 50

**UV Resistance:** Exposed plastic materials are UV stabilized

### Material Specifications

**Actuator Material:** Zinc-Coated Steel

**Conduit Grounding Plate:** Zinc-Coated Steel

**Contact Carrier:** Nylon

**Cover Eyelet:** Nickel-Plated Brass

**Cover with Arm:** Valox 357

**Gasket Material:** Chloroprene

**Ground Contacts:** Brass

**Ground Terminal:** Plated Brass/Steel

**Ground Terminal Block:** Nylon

**Handle Material:** Valox 357

**Housing Material:** Valox 357

**Housing Screws:** Stainless Steel

**Internal Screws:** Zinc-plated steel

**Locking Mechanism:** Valox 357

**Locking Ring:** Valox 357

**Neutral Terminal:** Plated Brass/Steel

**Neutral Terminal Block:** Nylon

**Phase and Ground Sleeves:** Brass

**Switch Contacts:** Cadmium-Free Silver Alloy

**Switch Material:** Reinforced Nylon

**Switch Terminal Contacts:** Brass

**Terminal Shaft Key:** Die-Cast Aluminum

### Mechanical Specifications

**Cold Impact:** Same as above, after conditioning to -35C

**Crush Test:** 100 lbs

**Impact:** 1.2 lb ball dropped from 5 ft

**Mold Stress Relief:** 70°C for 7 hours

**Pullout:** 18 lb pull on internal wires

**Strength of Insulating Base and Support:** 110% of specified tightening torque on terminal screws

### Product Features

**Color:** Red

**Configuration:** North American

**Device Type:** Mechanical Interlock

### Standards and Certifications

**CE Marking:** Per low voltage directives 73/23/EEC, 93/68/EEC

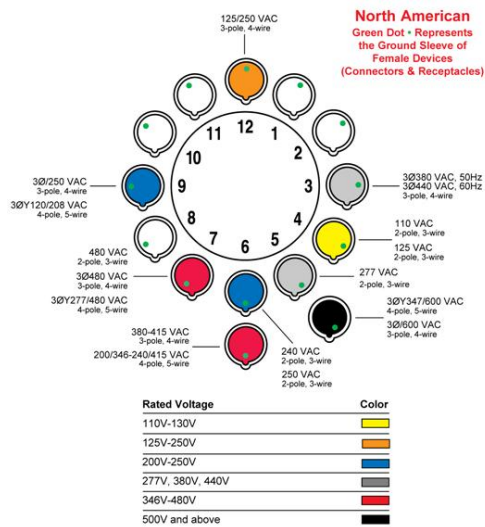
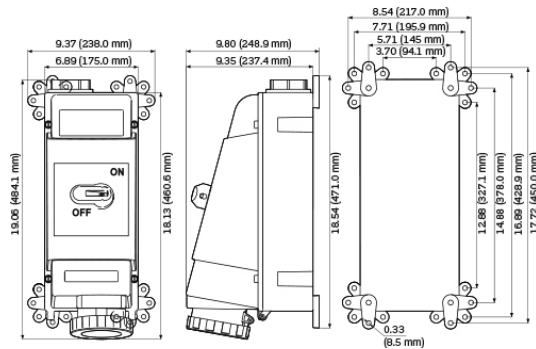
**CSA:** C22.2

**IEC Rating:** 60309-1 and 60309-2

**UL:** 231 & 1686

**UL 508:** Non-Fused

**Warranty:** 2-Year Limited



## SPECIFICATION SUBMITTAL

|             |                  |  |
|-------------|------------------|--|
| JOB NAME:   | CATALOG NUMBERS: |  |
|             |                  |  |
| JOB NUMBER: |                  |  |

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