



5100MI5W

Item Description

100 Amp, 347/600 Volt 3PY, IEC 309-1 & 309-2, 4P, 5W, Mechanical Interlock North American Pin & Sleeve Receptacle, Industrial Grade, IP67, Watertight, Non-Fused - BLACK

Color:  Black

UPC Code: 07847712613

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: 4

Voltage: 347/600 VAC

Wire: 5

Phase: 3-Phase WYE

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: Black

Configuration: North American

Device Type: Mechanical Interlock

Standards and Certifications

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

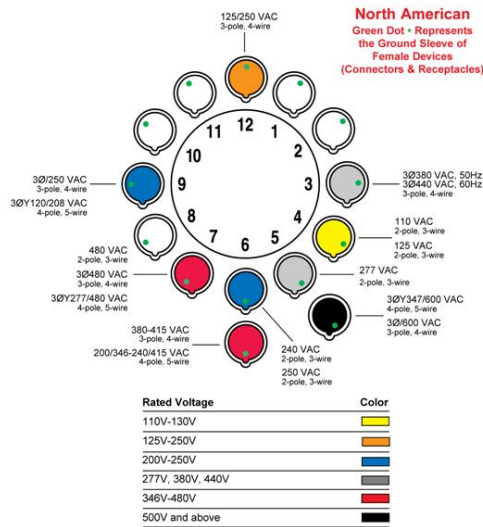
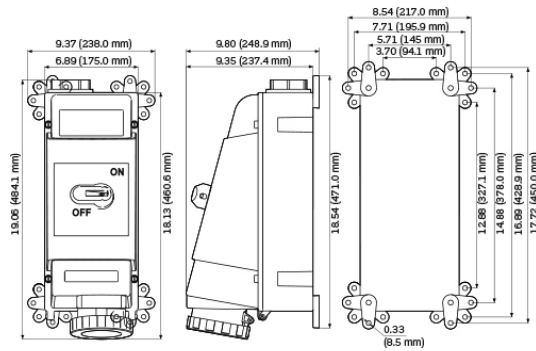
CSA: C22.2

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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