



Color:  Red

UPC Code: 07847713053

420MI7W

20 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

Technical Information

AC Horsepower Ratings

At Rated Voltage: 20 HP

Electrical Specifications

Amperage: 20 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: 70°C 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

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

Phase and Ground Sleeves: Brass

Switch Contacts: Cadmium-Free Silver Alloy

Switch Material: Reinforced Nylon

Switch Terminal Contacts: Brass

Mechanical Specifications

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

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:		

Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747

Telephone: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.T. Monday-Friday):

+1-800-824-3005

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-469-7890 ·

FAX: +1-800-824-3005 · www.leviton.com/canada

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)5386-

1797 · www.leviton.com.mx

Visit our Website at: www.leviton.com

© 2018 Leviton Manufacturing Co., Inc. All Rights Reserved. Subject to change without notice.

Leviton has a global presence.

If you would like to know where your local Leviton office is located please go to:

www.leviton.com/international/contacts/

