



Color:  Red

UPC Code: 07847783836

3100R7W

Item Description

100 Amp, 480 Volt, 2P, 3W, Outlet North American Pin & Sleeve Receptacle, Industrial Grade, IP67, Watertight - RED

Technical Information

Electrical Specifications

Amperage: 100 A

Current Interrupting: Certified for current interrupting at full rated current

Dielectric Voltage: 3000V for 1 min.

Endurance: Up to 250 connects and disconnects, under load, at full rated current and voltage

Insulation Resistance: 500V for 1 min; >= 5M

Pole: 2

Temperature Rise: Max 30C after 50 cycles OL at 150 percent rated current

Voltage: 480 VAC

Wire: 3

Environmental Specifications

Corrosion Resistance: Ferrous parts immersed in 20°C, 10 percent ammonium chloride solution for 10 min

Flammability: Rated V-0 per UL 94

IP Rating: IP67/IP69K

Moisture Resistance: Per UL 1682, immersed for 24 hours in 5cm of 25°C water

Material Specifications

Arm Spring: Performance Grade Stainless Steel

Body Material: Valox 357

Cover Eyelet: Nickel-Plated Brass

Cover with Arm: Valox 357

Gasket Material: Chloroprene

Mounting Flange: Valox 357

Phase and Ground Sleeves: Brass

Sleeve Spring: Stainless Steel

Terminal Screws: Stainless Steel

Mechanical Specifications

Crush Test: 250lbs for 1 min after -25°C for 6 hrs

Impact Resistance: Drop from 30" 8 times after conditioning to -25°C for 6 hrs

Minimum Withdrawal Force: 20lbs

Product Features

Color: Red

Configuration: North American

Device Type: Receptacle

Standards and Certifications

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

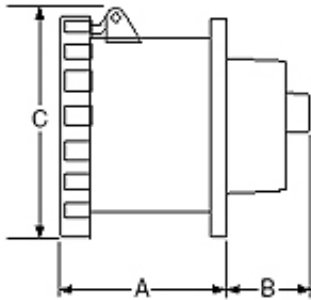
CSA Certified: C22.2 No 182.1

IEC Rating: 60309-1 and 60309-2

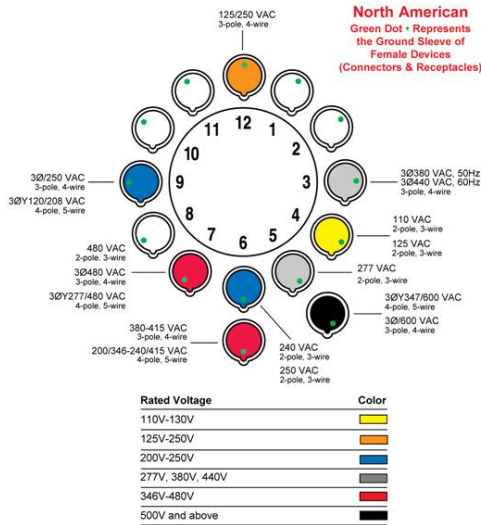
UL Listed: 1682 and 1686

Warranty: 2-Year Limited

Dimensional Diagram



UNIT	A	B	C
inch	3.94	2.28	4.80
mm	100	58	122



SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
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JOB NUMBER:	<input type="text"/>	<input type="text"/>

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