



UPC Code : 078477838358

Country Of Origin : Please Contact Customer Service.

3100R6W

IEC Pin & Sleeve Receptacle

100 Amp, 250 Volt, 2P, 3W, Outlet North American Pin & Sleeve Receptacle, Industrial Grade, IP67, Watertight - BLUE

Technical Information

Electrical Specifications

Amperage : 100 A

Current Interrupting : Certified for current interrupting at full rated current

Dielectric Voltage : 2000V 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 : 250 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

Series : Standard Series

Standards and Certifications

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

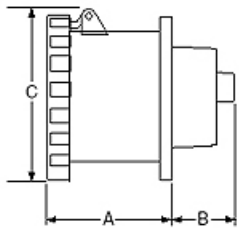
CSA Certified : C22.2 No 182.1

IEC Rating : 60309-1 and 60309-2

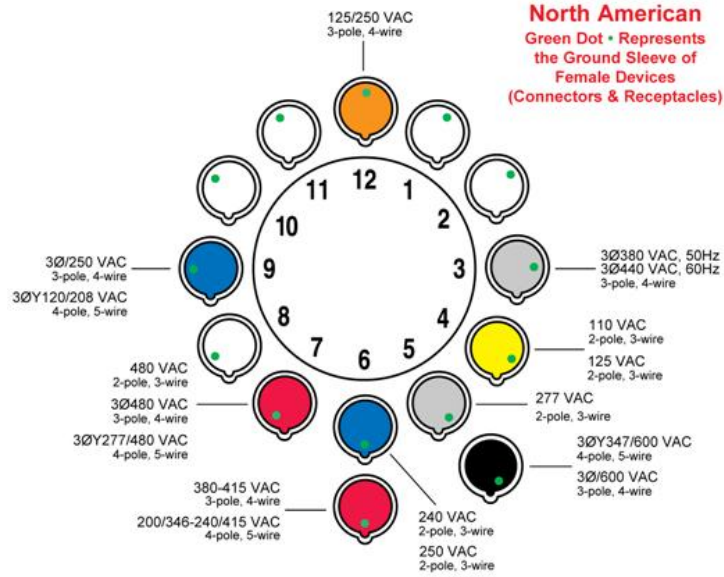
UL Listed : 1682 and 1686

Warranty : 2-Year Limited

Dimensional Diagram



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



Rated Voltage	Color
110V-130V	Yellow
125V-250V	Orange
200V-250V	Blue
277V, 380V, 440V	Grey
346V-480V	Red
500V and above	Black

SPECIFICATION SUBMITTAL

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

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