

3100P6W

Tamper Resistant Receptacles

Item Description

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



Color:



Blue

UPC Code: 07847783891

Country of Origin: Please Contact Customer Service

Technical Information

Electrical Specifications

Amperage: 100 Amp

Voltage: 250 Volt

Pole: 2

Wire: 3

Dielectric Voltage: 2000V for 1 min.

Insulation Resistance: 500V for 1 min;
≥ 5M

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

Current Interrupting: Certified for current interrupting at full rated current

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

Environmental Specifications

Flammability: Rated V-0 per UL94

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

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

IP Rating: IP67, Watertight

Material Specifications

Body Material: Valox 357

Locking Ring: Valox 357

Internal Cord Clamp Assembly: Thermoplastic

External Cord Clamp Assembly: Valox 357

Gland Cap: Valox 357

Grommet/Gasket: Chloroprene

Contact Carrier: Reinforced Nylon

Phase and Ground Pins: Brass

Internal Screws: Zinc-plated steel

Terminal Screws: Stainless Steel

External Screws: Acid-Proof S/S

Mechanical Specifications

Cable Secureness: Force: 150lb, Torque: 2.0 ft-lb, Max Disp: ≤ 3/32"

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

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

Minimum Withdrawal Force: 20lbs

Cord Range: .950 - 1.875

Product Features

Color: Blue

Standards and Certifications

UL Listed: 1682 and 1686

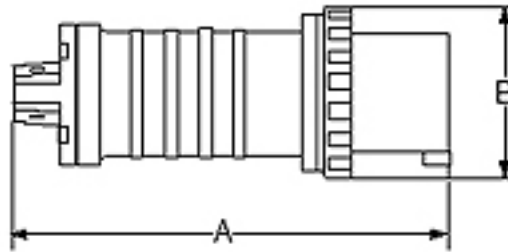
CSA Certified: C22.2 No 182.1

IEC Rating: 60309-1 and 60309-2

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

Warranty: 2-Year Limited

Dimensional Diagram



UNIT	A	B
inch	12.3	5.00
mm	312	127

SPECIFICATION SUBMITTAL

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

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