

460C7W

Pin and Sleeve Devices - IEC 60309

Item Description

60 Amp, 480 Volt 3-Phase, 3P, 4W, North American Pin & Sleeve Connector, Industrial Grade, IP67, Watertight - RED



UPC Code: 07847783875

Country of Origin: Sweden - *Eligible for ARRA funded projects > \$7,443,000

Configuration:



Technical Information

Electrical Specifications

Amperage: 60 Amp

Voltage: 480 Volt 3-Phase

Pole: 3

Wire: 4

Dielectric Voltage: 3000V for 1 min.

Insulation Resistance: 500V for 1 min;
 $\geq 5M$

Endurance: Up to 1000 connects and disconnects, under load, at full rated current and voltage

Current Interrupting: Certified for current interrupting at full rated current

Temperature Rise: Max 30°C temp rise at full-rated current after 50 cycles of OL at 150% 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

Internal Cord Clamp Assembly: Thermoplastic

External Cord Clamp Assembly: Valox 357

Gland Cap: Valox 357

Grommet/Gasket: Chloroprene

Cover with Arm: Valox 357

Arm Spring: Performance Grade Stainless Steel

Cover Eyelet: Nickel-Plated Brass

Contact Carrier: Reinforced Nylon

Phase and Ground Sleeves: Brass

Sleeve Spring: Stainless Steel

Terminal Screws: Steel

Internal Screws: Zinc-plated steel

External Screws: Acid-Proof S/S

Mechanical Specifications

Cable Secureness: Force: 150lb, Torque: 1.0 ft-lb, Max Disp: $\leq 3/32$ "

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: 15lbs

Cord Range: .670 - 1.625

Product Features

IEC Rating: IEC 309-1 & 309-2

Color: Red

Standards and Certifications

UL Listed: 1682 and 1686

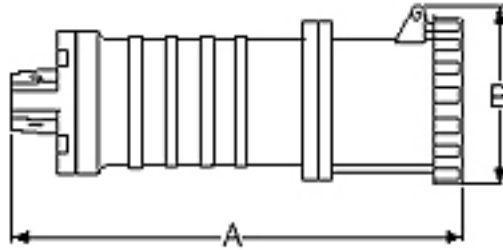
CSA Certified: C22.2 No 182.1

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	11.26	4.41
mm	286	112

SPECIFICATION SUBMITTAL

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