4100C5W



Color: Black

UPC Code: 07847783849

Item Description

100 Amp, 600 Volt 3-Phase, 3P, 4W, North American Pin &Sleeve Connector, Industrial Grade, IP67, Watertight - BLACK

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 1000 connects and disconnects, under load, at full rated current and voltage

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

Pole: 3

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

Voltage: 600 VAC

Wire: 4

Phase: 3-Phase

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

Contact Carrier: Reinforced Nylon

Cover Eyelet: Nickel-Plated Brass

Cover with Arm: Valox 357

External Cord Clamp Assembly: Valox 357

External Screws: Acid-Proof S/S

Gland Cap: Valox 357

Grommet/Gasket: Chloroprene

Internal Cord Clamp Assembly: Thermoplastic

Internal Screws: Zinc-plated steel

Phase and Ground Sleeves: Brass

Sleeve Spring: Stainless Steel

Terminal Screws: Stainless Steel

Mechanical Specifications

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

Cord Range: .950 - 1.875

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: Black

Configuration: North American

Device Type: Connector

IEC Rating: 60309-1 and 60309-2

Standards and Certifications

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

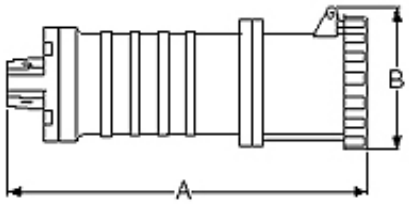
CSA Certified: C22.2 No 182.1

IEC Rating: 60309-1 and 60309-2

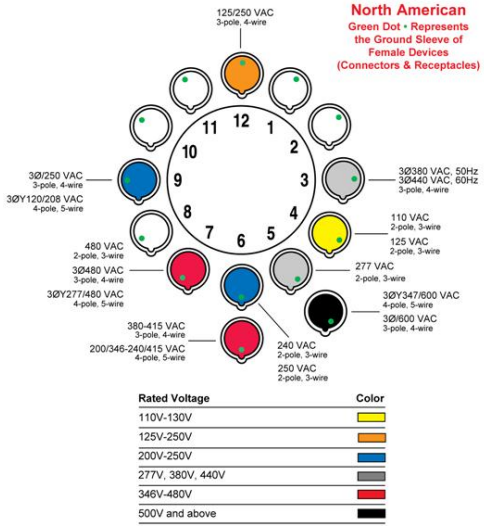
UL Listed: 1682 and 1686

Warranty: 2-Year Limited

Dimensional Diagram



UNIT	A	B
inch	12.8	4.84
mm	325	123



Rated Voltage	Color
110V-130V	
125V-250V	
200V-250V	
277V, 380V, 440V	
346V-480V	
500V and above	

SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
JOB NUMBER:		

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ISO 9001 REGISTERED Quality Manufacturer

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