

420C7W

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



UPC Code : 078477838679

Country Of Origin : Please Contact Customer Service.

Technical Information

Electrical Specifications

Amperage : 20 A

Current Interrupting : Certified for current interrupting at full rated current

Dielectric Voltage : 3000V for 1 min.

Endurance : Up to 5000 connects and disconnects, under load, at full rated current and voltage

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

Phase : 3-Phase

Pole : 3

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

Voltage : 480 VAC

Wire : 4

Environmental Specifications

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

Flammability : Rated V-2 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 : 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 : Steel

Mechanical Specifications

Cable Secureness : Force: 30lb, Torque: 0.4 ft-lb, Max Disp: <= 3/32"

Cord Range : .350 - .860

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 : 5lbs

Product Features

Color : Red

Configuration : North American

Device Type : Connector

IEC Rating : 60309-1 and 60309-2

Series : Standard Series

Standards and Certifications

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

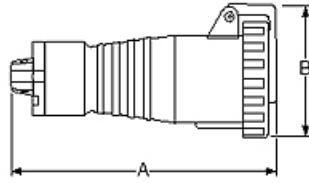
CSA Certified : C22.2 No 182.1

IEC Rating : 60309-1 and 60309-2

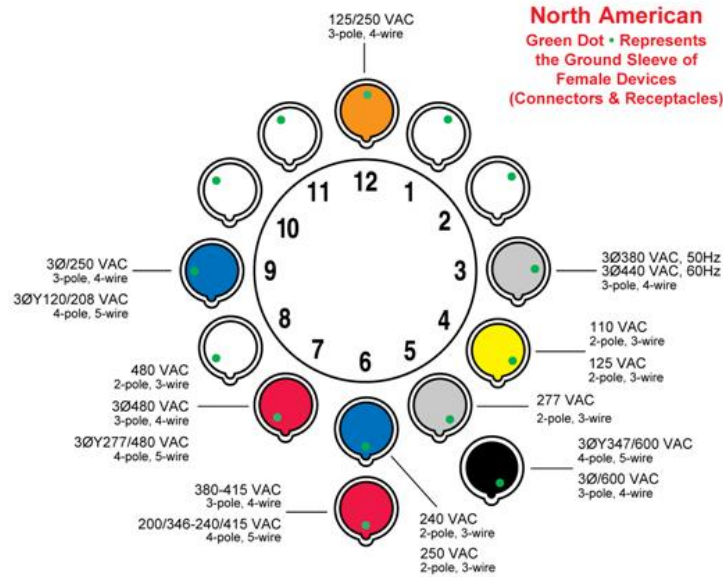
UL Listed : 1682 and 1686

Warranty : 2-Year Limited

Dimensional Diagram



UNIT	A	B
inch	7.36	3.46
mm	187	88



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:	
JOB NUMBER:		

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