

# 330C7W

30 Amp, 480 Volt, 2P, 3W, North American Pin & Sleeve Connector, Industrial Grade, IP67, Watertight - RED



UPC Code: 07847783862

## Technical Information

### Electrical Specifications

**Amperage:** 30 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;  $\geq 5M$   
**Pole:** 2  
**Temperature Rise:** Max 30°C temp rise at full-rated current after 50 cycles of OL at 150% rated current  
**Voltage:** 480 VAC  
**Wire:** 3

### 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: 75lb, Torque: 0.5 ft-lb, Max Disp:  $\leq 3/32$ "  
**Cord Range:** .437 - 1.187  
**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:** 6lbs

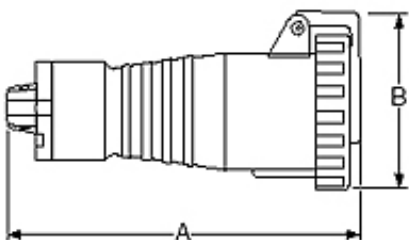
### Product Features

**Color:** Red  
**Configuration:** North American  
**Device Type:** Connector  
**IEC Rating:** 60309-1 and 60309-2

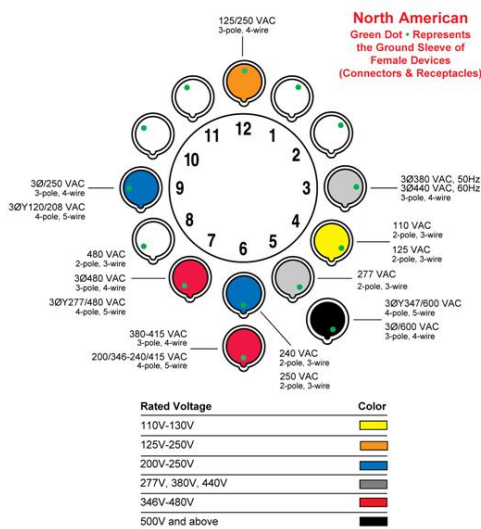
### Standards and Certifications

**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	7.95	4.02
mm	202	102



## SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
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