

## 5100P9W

100 Amp, 120/208 Volt 3-Phase WYE, 4P, 5W, North American-Rated Pin & Sleeve Plug, Industrial Grade, IP67, Watertight - BLUE



UPC Code : 078477838969

Country Of Origin : Please Contact Customer Service.

### Technical Information

#### Mechanical Specifications

**Amperage** : 100 A

**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

**Current Interrupting** : Certified for current interrupting at full rated current

**Dielectric Voltage** : 2000V for 1 min.

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

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

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

**Minimum Withdrawal Force** : 20lbs

**Phase** : 3-Phase WYE

**Pole** : 4

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

**Torque Range** : 7-50 in-lbs

**Voltage** : 120/208 VAC

**Wire** : 5

#### 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

**Body Material** : Valox 357

**Contact Carrier** : Reinforced Nylon

**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

**Locking Ring** : Valox 357

**Phase and Ground Pins** : Brass

**Terminal Screws** : Stainless Steel

#### Product Features

**Color** : Blue

**Configuration** : North American

**Device Type** : Plug

**Series** : Standard Series

#### Standards and Certifications

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

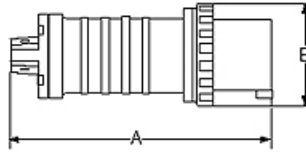
**CSA Certified** : C22.2 No 182.1

**IEC Rating** : 60309-1 and 60309-2

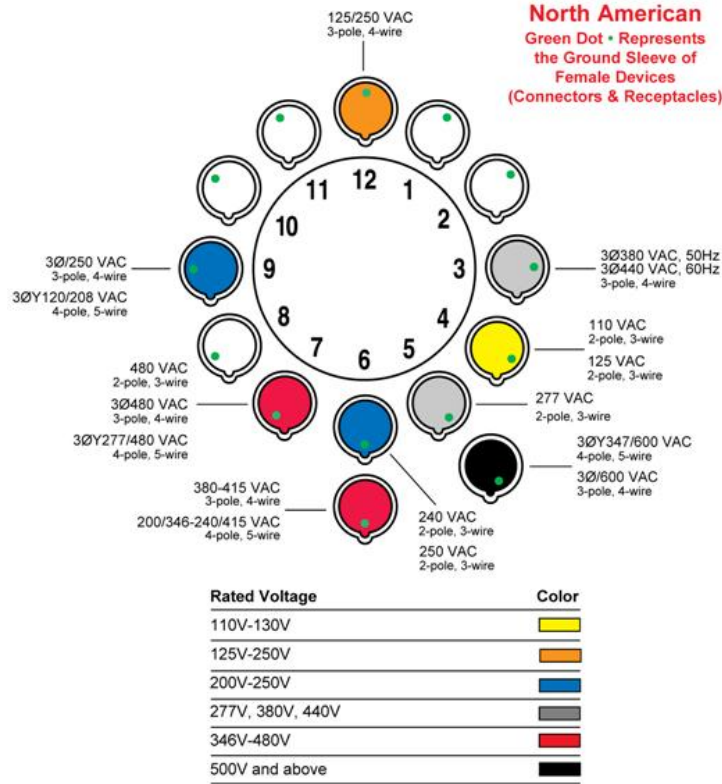
**UL Listed** : 1682 and 1686

**Warranty** : 2-Year Limited

### Dimensional Diagram



UNIT	A	B
inch	12.3	5.00
mm	312	127



### SPECIFICATION SUBMITTAL

JOB NAME:	CATALOG NUMBERS:	
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