

# 4100P5W

## Item Description

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



UPC Code: 07847783889

## 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 250 connects and disconnects, under load, at full rated current and voltage

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

**Pole:** 3

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

**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

### Mechanical Specifications

**Cable Secureness:** Force: 150lb, Torque: 2.0 ft-lb, Max Disp:  $\leq 3/32$ "

**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:** Plug

### Standards and Certifications

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

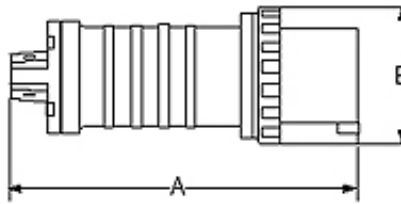
**CSA Certified:** C22.2 No 182.1

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

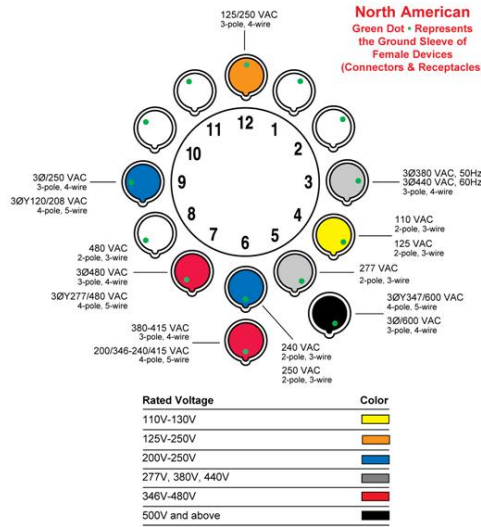
**UL Listed:** 1682 and 1686

**Warranty:** 2-Year Limited

## Dimensional Diagram



UNIT	A	B
inch	12.3	5.00
mm	312	127



## SPECIFICATION SUBMITTAL

JOB NAME: <input style="width: 95%;" type="text"/>	CATALOG NUMBERS: <input style="width: 95%;" type="text"/>
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### Leviton Manufacturing Co., Inc.

201 North Service Road, Melville, NY 11747

Teléfono: +1-800-323-8920 · FAX: +1-800-832-9538 · Tech Line (8:30AM-7:30PM E.S.T. Monday-Friday): +1-800-824-3005

### Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 · Telephone: +1-800-469-7890 ·

FAX: +1-800-824-3005 · [www.leviton.com/canada](http://www.leviton.com/canada)

### Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 · Tel.: (+52)55-5082-1040 · FAX: (+52)5386-

1797 · [www.leviton.com.mx](http://www.leviton.com.mx)

Visit our Website at: [www.leviton.com](http://www.leviton.com)

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