

# 3100R4W

## Item Description

100 Amp, 125 Volt, 2P, 3W, Outlet North American Pin & Sleeve Receptacle, Industrial Grade, IP67, Watertight - YELLOW

## Technical Information

### Electrical Specifications

**Amperage:** 100 A

**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

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

**Pole:** 2

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

**Voltage:** 125 VAC

**Wire:** 3

### 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

**Cover Eyelet:** Nickel-Plated Brass

**Cover with Arm:** Valox 357

**Gasket Material:** Chloroprene

**Mounting Flange:** Valox 357

**Phase and Ground Sleeves:** Brass

**Sleeve Spring:** Stainless Steel

**Terminal Screws:** Stainless Steel

### Mechanical Specifications

**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:** Yellow

**Configuration:** North American

**Device Type:** Receptacle

### 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

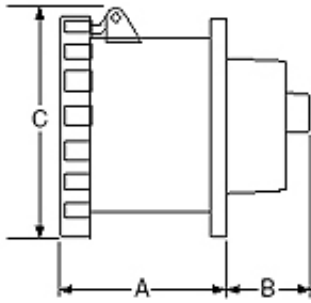
**UL Listed:** 1682 and 1686

**Warranty:** 2-Year Limited



UPC Code: 07847783832

## Dimensional Diagram



UNIT	A	B	C
inch	3.94	2.28	4.80
mm	100	58	122



## SPECIFICATION SUBMITTAL

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