

# 320P7WLEV

LEV Series IEC Pin & Sleeve Plug



UPC Code : 078477665978

Country Of Origin : Mexico

20 Amp, 480 Volt, 2P, 3W, LEV Series North American-Rated IEC 60309-1 & 60309-2 Pin & Sleeve Plug, Industrial Grade, IP66/67/68/IP69K, Watertight - RED

LEV Series IEC 60309 Pin & Sleeve Devices are designed to simplify your installation, endure the harshest environments and outlast the competition:

- Improved speed of assembly with threaded housings that have less screws for reduced installation time
- Superior watertight ratings including IP69K for washdown/outdoor applications and industry exclusive submersible IP68
- Best in class 5-year limited warranty!

[Calculate Time & Money Saved with the LEV Series Calculator!](#)

## Technical Information

### Electrical Specifications

**Amperage** : 20 A

**Current Interrupting** : Certified for current interrupting at full-rated current and voltage

**Dielectric Voltage** : 3000V for 1 min.

**Endurance** : 2000 cycles total - 1000 cycles at Rated Current Voltage, 1000 cycles at no load

**Max. Voltage** : 600V

**Overload UL20 Test** : 150% of rated current and 100% of rated voltage for 250 cycles

**Pole** : 2

**SCCR** : 200kA

**Temperature Rise** : Max 30°C rise at full rated current (after overload)

**Voltage** : 480 VAC

**Wire** : 3

### Material Specifications

**Assembly Screws** : 303 Stainless Steel

**Contact Carrier** : Glass filled Nylon

**Grommet/Gasket** : NBR/Buna N

**Housing** : Impact Modified Nylon

**Locking Ring** : Impact Modified Nylon

**Terminal Screws** : 303 Stainless Steel

### Standards and Certifications

**CE** : CE certification

**CSA** : CSA C22.2 No 182.1-13 (Harmonized with UL 1682)

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

**NOM** : NOM –ANCE standards

**RoHS** : RoHS compliant components

**UL** : UL 1686 C2, UL 1682

### Product Features

**Clock Position** : 7 o'clock

**Configuration** : North American

**Device Type** : Plug

**Lockout/Tagout Provision** : Lockout hole on housing

**Product Markings** : Brand, UL, CE and environmental ratings molded in. Item number, ampacity, voltage, phases, HP, NSF on label

**Series** : LEV Series

### Mechanical Specifications

**Conductor Range** : #10 AWG to #8 AWG

**Crush Test** : 250 lbs for 1 min after -25°C for 6 hrs

**Hardware Head Type** : Hex style socket screws for terminals, combination screws for all others

**Impact** : Drop from 30" 8 times after conditioning to -25°C, for 6 hours Drop from 72" after conditioning to -35°C, for 6 hours

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

### Environmental Specifications

**Corrosion Resistance** : Salt fog tested

**Flammability** : Rated V-0 (Contact Carrier), HB or better (Housing) per UL94

**IP Rating** : IP66, IP67, IP68, IP69K

**NEMA Enclosure Type** : 3R, 4X, 6P and 12

**NSF** : 14159-1, Hygenic Requirement for the Design of Meat & Poultry Processing Equipment

**Operating Temperature** : -40°C to 60°C  
(with impact)

**UV Resistance** : UV stabilized F1 rated housings

Warranty

**Warranty** : 5-Year Limited

## SPECIFICATION SUBMITTAL

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