

# 320C6WLEVA



LEV Series IEC Pin & Sleeve Connector with Screwless Clamp Assembly

20 Amp, 250 Volt, 2P, 3W, LEV Series North American-Rated IEC 60309-1 & 60309-2 Pin & Sleeve Connector with Screwless Clamp Assembly, Industrial Grade, IP66/67/68/IP69K, Watertight - BLUE

LEV Series IEC Pin & Sleeve Devices are designed to simplify your installation, endure the harshest environments and improve safety and productivity:

- Completely screwless back clamp cuts installation time and adds additional dust guard protection
- Superior watertight ratings including IP69K for washdown /outdoor applications and industry exclusive IP68 for long-term submersion
- NSF certified sanitary design trusted for use in food & beverage facilities

*Leviton Pin & Sleeve devices are UL listed components and suitable for use in prefabricated wiring assemblies when wired in accordance with UL 1007.*

[LEV Series Savings Calculator](#)

UPC Code : 078477510988

Country Of Origin : Mexico

## 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** : 5000 cycles rated V and I load, zero cycles no-load (20A)

**Max. Voltage** : 600V

**Overload UL20 Test** : 50 cycles

**Pole** : 2

**SCCR** : 200kA

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

**Voltage** : 250 VAC

**Wire** : 3

### 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

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

### Material Specifications

### Mechanical Specifications

**Assembly Screws** : 303  
Stainless Steel

**Contact Carrier** : Glass filled  
Nylon

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

**Housing** : Impact Modified  
Nylon

**Terminal Screws** : 303  
Stainless Steel

**Cable Clamp Screw Torque** :  
10 in-lb

**Conductor Range** : #14 AWG  
to #10 AWG

**Contact Carrier Assembly  
Screw Torque** : 8 in-lb

**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

**Screw Terminal Torque** : 20  
in-lb

Product Features

**Clock Position** : 6 o'clock

**Color** : Blue

**Configuration** : North American

**Device Type** : Connector

**Feature** : Screwless Clamp  
Assembly

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

**Series** : LEV Series

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

Warranty

**Warranty** : 5-Year Limited

**Patents \***

US12149019

US10431922

US11271342

MX417278

This list is provided for patent marking purposes only. A good faith effort is made to maintain the accuracy and completeness of this list. No legal inference should be drawn from the omission of a patent from this list.

**SPECIFICATION SUBMITTAL**

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