

320P6WLEVA



LEV Series IEC Pin & Sleeve Plug with Screwless Clamp Assembly

20 Amp, 250 Volt, 2P, 3W, LEV Series North American-Rated IEC 60309-1 & 60309-2 Pin & Sleeve Plug 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 : 078477511039

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

Locking Ring : 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 : Plug

Feature : Screwless Clamp
Assembly

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

Warranty

Warranty : 5-Year Limited

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

Patents *

US10431922

MX417278

US11515665

US11271342

US12149019

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

JOB NAME:

CATALOG NUMBERS:

<input type="text"/>	<input type="text"/>	<input type="text"/>
JOB NUMBER: <input type="text"/>	<input type="text"/>	<input type="text"/>

Leviton Manufacturing Co., Inc

201 North Service Road, Melville, NY 11747

Telephone: +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: +1-800-461-2002 ·

FAX: +1-800-824-3005 ·

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 ·

Visit our Website at: www.leviton.com

© 2026 Leviton Manufacturing Co., Inc. All Rights Reserved. Subject to change without notice.

Leviton has a global presence.

If you would like to know where your local Leviton office is located please go to:

www.leviton.com/company/about-leviton/locations

© 2026 Leviton Manufacturing Co., Inc.