

5100C6WLEV

LEV Series IEC Pin & Sleeve Connector



Color :  Red

UPC Code : 078477025253

Country Of Origin : Mexico

100/125 Amp, 200/346 - 240/415 Volt 3-Phase, 4P, 5W, LEV Series North American-Rated IEC 60309-1 & 60309-2 Pin & Sleeve Connector, Industrial Grade, IP66/IP67/IP68/IP69K, Watertight - Red

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

- 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!

Leviton Pin & Sleeve devices are UL listed components and suitable for use in prefabricated wiring assemblies when wired in accordance with UL1007.

[LEV Series Savings Calculator](#)

Technical Information

Electrical Specifications

Amperage : 100 A / 125 A

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

Dielectric Voltage : 3000V for 1 min.

Endurance : 250 cycles rated V and I load, 250 cycles no-load (100A)

Horsepower Rating : 20 HP

Max. Voltage : 600V

Overload UL20 Test : 50 cycles

Phase : 3-Phase

Pole : 4

SCCR : 200kA

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

Voltage : 200/346 - 240/415 VAC

Wire : 5

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

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

UV Resistance : UV stabilized F1 rated housings

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

Operating Temperature : -35C to +66C

Material 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

Locking Ring : Impact
Modified Nylon

Mechanical Specifications

Cable Clamp Screw Torque :
10 in-lb

Conductor Range : #6 AWG
to #1 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

Screw Terminal Torque : 50
in-lb

Product Features

Clock Position : 6 o'clock

Color : Red

Configuration : North American

Device Type : Connector

Product Markings : Brand, UL,
CE and environmental ratings
molded in. Item number,
ampacity, voltage, phases, HP,
NSF on label. IEC 60309-1, -2
Dual Ratings on separate label.

Series : LEV Series

Lockout/Tagout Provision :
Lockout hole on housing

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, UL
Classified to IEC 60309-1,
60309-2

Warranty

Warranty : 5-Year Limited

Patents*

US11515665

MX417278

MX414018

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:

JOB NUMBER:

CATALOG NUMBERS:

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Leviton has a global presence.

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

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