

# 5100P7WLEV

LEV Series IEC Pin & Sleeve Plug



**UPC Code :** 078477665824

**Country Of Origin :** Mexico

100 Amp, 277/480 Volt 3-Phase, 4P, 5W, LEV Series North American-Rated IEC 60309-1 & 60309-2 Pin & Sleeve Plug, 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:

- Threaded housing design removes several screws making installation quicker and easier
- 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.*

## Technical Information

<u>Electrical Specifications</u>	<u>Environmental Specifications</u>
<b>Amperage :</b> 100 A	<b>Corrosion Resistance :</b> Salt fog tested
<b>Current Interrupting :</b> Certified for current interrupting at full-rated current and voltage	<b>Flammability :</b> Rated V-0 (Contact Carrier), HB or better (Housing) per UL94
<b>Dielectric Voltage :</b> 3000V for 1 min.	<b>IP Rating :</b> IP66, IP67, IP68, IP69K
<b>Endurance :</b> 250 cycles rated V and I load, 250 cycles no-load (100A)	<b>NEMA Enclosure Type :</b> 3R, 4X, 6P and 12
<b>Horsepower Rating :</b> 20 HP	<b>NSF :</b> 14159-1, Hygenic Requirement for the Design of Meat & Poultry Processing Equipment
<b>Max. Voltage :</b> 600V	<b>Operating Temperature :</b> -35C to +66C
<b>Overload UL20 Test :</b> 50 cycles	<b>UV Resistance :</b> UV stabilized F1 rated housings
<b>Phase :</b> 3-Phase	
<b>Pole :</b> 4	
<b>SCCR :</b> 200kA	
<b>Temperature Rise :</b> Max 30°C rise at full rated current (after overload)	
<b>Voltage :</b> 277/480 VAC	
<b>Wire :</b> 5	
<u>Material Specifications</u>	<u>Mechanical Specifications</u>

<b>Assembly Screws</b> : 303 Stainless Steel	<b>Cable Clamp Screw Torque</b> : 15 in-lb
<b>Contact Carrier</b> : Glass filled Nylon	<b>Conductor Range</b> : #6 AWG to #1AWG
<b>Grommet/Gasket</b> : Buna-N	<b>Crush Test</b> : 250 lbs for 1 min after -25°C for 6 hrs
<b>Housing</b> : Impact Modified Nylon	<b>Hardware Head Type</b> : Hex style socket screws for terminals, combination screws for all others
<b>Locking Ring</b> : Impact Modified Nylon	
<b>Terminal Screws</b> : 303 Stainless Steel	<b>Impact</b> : Drop from 30" 8 times after conditioning to -25°C, for 6 hoursDrop from 72" after conditioning to -35°C, for 6 hours
	<b>Screw Terminal Torque</b> : 50 in-lb

#### Product Features

<b>Clock Position</b> : 7 o'clock	<b>Standards and Certifications</b>
<b>Color</b> : Red	<b>CE</b> : CE certification
<b>Configuration</b> : North American	<b>CSA</b> : CSA C22.2 No 182.1-13 (Harmonized with UL 1682)
<b>Device Type</b> : Plug	<b>IEC Rating</b> : 60309-1, 60309-2
<b>Lockout/Tagout Provision</b> : Lockout hole on housing	<b>NOM</b> : NOM –ANCE standards
<b>Product Markings</b> : Brand, UL, CE and environmental ratings molded in. Item number, ampacity, voltage, phases, HP on label	<b>RoHS</b> : RoHS compliant components
<b>Series</b> : LEV Series	<b>UL</b> : UL 1686 C2, UL 1682

#### Warranty

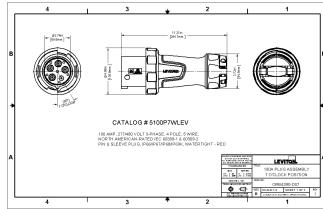
**Warranty** : 5-Year Limited

#### **Patents**<sup>\*</sup>

US12149019	US11271342
US10431922	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.

#### Dimensional Drawing



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