

Industrial grade L6-30 locking devices

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Description

NEMA L6-30 30A, 250V/AC, 2P-3W



L6-30R

L6-30P



AHL630P



AHL630C



AHL630R



AHL630FO

Design features for plug & connector

- All nylon construction
- EPDM gasket seals cord hole from dust and debris
- Back wire terminal clamps for easy secure wiring
- Individual wiring compartments with tapered channel for easy insertion of wires
- Clear cover over wiring compartments allows easy inspection of wiring terminations
- Rating printed on side of device
- Largest-in-class grommet size allows for entire cord size range

Design features for receptacles

- Rugged glass filled nylon body
- Clearly marked rating, NEMA configuration and approval listings on receptacle face
- One piece brass contacts offer superior performance and minimum heat rise
- Back and side wiring terminal clamps for easy, secure wiring

Design features for flanged inlet & outlet

- All nylon construction
- Mounting holes interchangeable with competitive units
- Back wire terminal clamps for easy, secure wiring
- Individual wiring compartments with tapered channel for easy insertion of wires

Table 1. NEMA L6-30 Industrial Grade Locking Devices

Catalog No.	Description	Amps	Volts	Color
☐ AHL630P	Ultra grip plug	30	250	Black & white
☐ AHL630C	Ultra grip connector	30	250	Black & white
☐ AHL630R	Single receptacle	30	250	Black
☐ AHIGL630R	Single receptacle, isolated ground	30	250	Orange
☐ AHL630FO	Flanged outlet	30	250	Black & white
☐ AHL630FI	Flanged inlet	30	250	Black & white

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Powering Business Worldwide

Compliances, specifications and availability are subject to change without notice.

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Single Receptacles

NEMA L6-30 30A, 250V/AC, 2P-3W

Table 4. Specifications

Catalog No.	NEMA L6-30 Single Receptacle	NEMA L6-30 Isolated Ground Single Receptacle
NEMA Config	NEMA L6-30	NEMA L6-30
Wiring Type	Back & side wire	Back & side wire
Environmental Specifications	Flammability: Meets UL94 requirements; V0 rated Temperature Rating: -40°C to 60°C (-40°F to 140°F)	Flammability: Meets UL94 requirements; V0 rated Temperature Rating: -40°C to 70°C (-40°F to 158°F)
Electrical Specifications	Dielectric Voltage: ≤300V: 2000V, 301-600V: 3000V per UL498 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC)	Dielectric Voltage: ≤300V: 2000V, 301-600V: 3000V per UL498 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)
Mechanical Specifications	Terminal Accommodation: #14 - #8 AWG Voltage Ratings: Permanently marked on device	Terminal Accommodation: #14 - #8 AWG Voltage Ratings: Permanently marked on device

Table 5. Materials

Catalog No.	NEMA L6-30 Single Receptacle	NEMA L6-30 Isolated Ground Single Receptacle
NEMA Config	NEMA L6-30	NEMA L6-30
Face	Glass-filled nylon	Glass-filled nylon
Base	Glass-filled nylon	Glass-filled nylon
Mounting Strap	0.050" thick steel, zinc plated	0.050" thick steel, zinc plated
Line Contacts	0.041" thick brass	0.041" thick brass
Terminal Screws	#10-32 brass, nickel plated (neutral screw)	#10-32 brass, nickel plated (neutral screw)
Ground Screw	#10-32 brass (green)	#10-32 brass (green)
Terminal Clamps/Plates	0.041" thick brass	0.041" thick brass
Ground Contacts	0.041" thick brass	0.041" thick brass
Back Plate	0.041" thick brass, nickel plated	0.041" thick brass, nickel plated
Mounting Screws	Steel, zinc plated	Steel, zinc plated

Product Dimensions

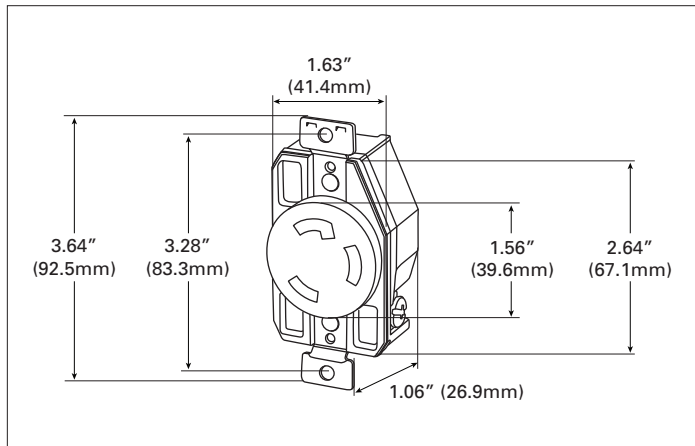


Figure 4. AHL630R

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Project Name:	Prepared By:
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Catalog Number:	Type:

Certifications & Compliances

Catalog No.						
AHL630P	•				•	•
AHL630C	•				•	•
AHL630R		•	•	•	•	•
AHIGL630R		•	•			•
AHL630FO		•	•		•	•
AHL630FI	•				•	•

KEY:  cULus  UL  CSA  Fed Spec  NAFTA  ROHS

 Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

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