

# Industrial grade L7-15 locking devices

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



CWL715P



CWL715C





CWL715FO

## **Description**

NEMA L7-15 15A, 277V/AC, 2P-3W





L7-15R

## Design features for plug & connector

- · Nylon construction
- · EPDM gasket seals cord hole from dust and debris
- · Dual range cord grip for solid cord clamping
- · 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

#### Design features for receptacles

- · Glass reinforced nylon body and face
- One piece brass contacts offer superior performance and minimal heat rise
- · Back and side wire terminal clamps for easy secure wiring
- Duplex receptacles feature a break off tab for split circuit wiring

#### Design features for flanged inlet & outlet

- 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 L7-15 Industrial Grade Locking Devices

Catalog No.	Description	Amps	Volts	Color
□ CWL715P	Safety grip plug	15	277	Black & white
□ CWL715C	Safety grip connector	15	277	Black & white
□ 4750	Duplex receptacle	15	277	Black
□ CWL715R	Single receptacle	15	277	Black
□ CWL715F0	Flanged outlet	15	277	Black & white
□ CWL715FI	Flanged inlet	15	277	Black & white

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



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## **Plug & Connector**

NEMA L7-15 15A, 277V/AC, 2P-3W

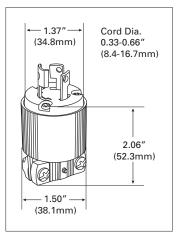
Table 2. Specifications

Catalog No.	NEMA L7-15 Plug & Connector
NEMA Config	NEMA L7-15
Wiring Type	Back wire
Environmental Specifications	Flammability: Meets UL94 requirements; V2 rated Temperature Rating: -40°C to 60°C (-40°F to 140°F)
Electrical Specifications	Dielectric Voltage: Twice the device rating + 1000V per UL498 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) after 250 cycles of overload at 200% of rated current (DC)
Mechanical Specifications	Terminal Accommodation: #16 - #12 AWG Voltage Ratings: Permanently marked on device

Table 3. Materials

Catalog No.	NEMA L7-15 Plug & Connector
NEMA Config	NEMA L7-15
Outer Shell	Nylon
Interior Body	Nylon
Terminal Retainer	Polycarbonate
Blades	Brass
Line Contacts	Brass
Terminal Clamps	Steel, zinc plated
Terminal Screws	#8-32 brass, nickel plated (neutral screw)
Ground Screw	#8-32 brass plated (green)
Assembly Screws	Steel, nickel plated
Gasket/Dust Shield	EPDM
Cord Clamp Screws	Steel, nickel plated
Cord Clamp	Nylon

## **Product Dimensions**



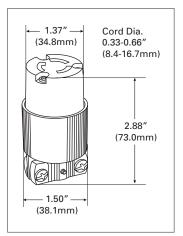


Figure 1. CWL715P

Figure 2. CWL715C

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## **Single & Duplex Receptacles**

NEMA L7-15 15A, 277V/AC, 2P-3W

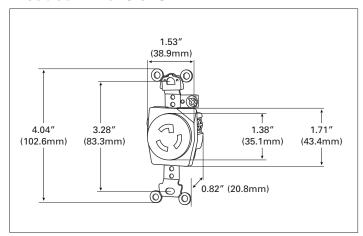
Table 4. Specifications

Catalog No.	NEMA L7-15 Single & Duplex Receptacles
NEMA Config	NEMA L7-15
Wiring Type	Back & side wire
Environmental Specifications	Flammability: Meets UL94 requirements; V0 rated Temperature Rating: -40°C to 115°C (-40°F to 239°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)
Mechanical Specifications	Terminal Accommodation: #14 - #10 AWG Voltage Ratings: Permanently marked on device

#### Table 5. Materials

Catalog No.	NEMA L7-15 Single & Duplex Receptacles
NEMA Config	NEMA L7-15
Face	Glass-filled nylon
Base	Glass-filled nylon
Mounting Strap	0.050" thick pre-plated steel
Auto Ground Clip	Yes
Line Contacts	0.036" thick brass
Terminal Screws	#8-32 brass screws, nickel plated
Ground Screw	#8-32 brass screw (green)
Mounting Screws	Steel, zinc plated

## **Product Dimensions**



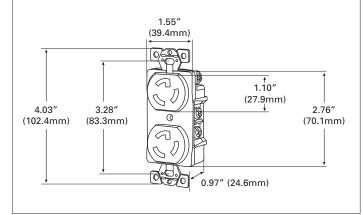


Figure 3. CWL715R

Figure 4. 4750

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## Flanged Inlet & Outlet

NEMA L7-15 15A, 277V/AC, 2P-3W

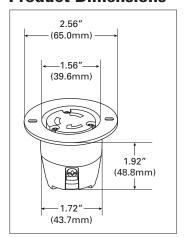
Table 6. Specifications

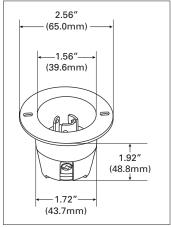
Catalog No.	NEMA L7-15 Flanged Inlet & Outlet
NEMA Config	NEMA L7-15
Wiring Type	Back wire
<b>Environmental Specifications</b>	Flammability: Meets UL94 requirements; V2 rated Temperature Rating: -40°C to 75°C (-40°F to 167°F)
Electrical Specifications	Dielectric Voltage: ≤300V: 2000V, 301-600V: 3000V per UL498 Current Interrupting: Yes, at full-rated current Temperature Rise: Flanged outlets: max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC); flanged inlets; max. 30°C (86°F) @ maximum rated current (DC)
Mechanical Specifications	Terminal Accommodation: #14 - #10 AWG Voltage Ratings: Permanently marked on device

#### Table 7. Materials

Catalog No.	NEMA L7-15 Flanged Inlet & Outlet
NEMA Config	NEMA L7-15
Outer Shell	Nylon
Interior Body	Nylon
Terminal Retainer	Polycarbonate
Blades	0.062" thick brass
Line Contacts	0.031" thick brass
Terminal Clamps	Steel
Terminal Screws	#8-32 brass
Ground Screw	#8-32 brass (green)
Assembly Screws	Steel, zinc plated
Mounting Screws	Steel, zinc plated

## **Product Dimensions**





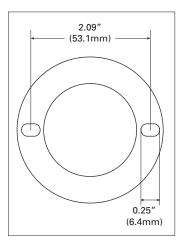


Figure 5. CWL715FO

Figure 6. CWL715FI

Figure 7. Top View

 $\label{lem:compliances} \textbf{Compliances, specifications and availability are subject to change without notice.}$ 

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Catalog No.		c(UL)us	(li)	€	F (l) S	4	<u> </u>
CWL715P		•			•	•	•
CWL715C		•			•	•	•
4750			•	•	•	•	•
CWL715R			•	•	•	•	•
CWL715F0			•	•		•	•
CWL715FI		•		•			•
KEY:	c(UL) us	cULu	S	(H)	UL	(	• CSA

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

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