

# **Locking Devices**

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Our comprehensive line of Industrial, Marine, and Commercial Grade locking devices is the broadest in the industry. It's the best made, too, providing unparalleled quality and superb performance in the most demanding environments.

Our Industrial Grade Hart-Lock® products include insulated and watertight plugs and connectors, receptacles, flanged inlets and outlets, midget plugs and Californiastyle devices, in addition to our standard black and white devices. The more economical Commercial Grade plugs and connectors are available in most common configurations. Special Power-Lock® devices feature automatic, positive engagement, single-post designs for applications where the need for a secure connection is absolute.

Available in all NEMA configurations, and more than 20 non-NEMA configurations, our Hart-Lock® and Power-Lock® Industrial Specification Grade devices are UL listed, CSA, or cUL certified, and meet NEMA/ANSI standards and Federal Specification WC-596.



INDUSTRIAL COMMERCIAL

# E-Intro-1 LOCKING DEVICES

### **Locking Devices**

Cooper Wiring Devices offers the industry's most diverse and complete line of Industrial Specification Grade, Marine Grade and Commercial Specification Grade locking receptacles, plugs, connectors, flanged inlets and outlets. Our line includes 15A, 20A, 30A, 50A and 60A ratings in 2-pole, 2-wire; 2-pole, 3-wire; 3-pole, 4-wire grounding; 4-pole, 4-wire; and 4-pole, 5-wire grounding. We also offer all design styles to meet any application, including: Hart-Lock®, AutoGrip®, PowerLock®, Safety Grip®, California standard, watertight, insulated, isolated ground, corrosion resistant, and midget.

All of our rugged devices are "contractor tough," yet their locking action is easy to implement. A simple twist engages or disengages the mechanism.

Cooper's tough locking receptacles meet NEMA/ANSI standards, are UL listed, and many models are CSA approved. All of our locking devices meet or surpass the most stringent industry performance standards established by the National Electrical Manufacturers Association, Underwriters' Laboratories, and Federal Specifications.

Cooper's designs are easy to install, and each attractively finished product is inspected at the point of manufacture and tested for electrical and mechanical performance, as well as for safety characteristics, before packing.

#### Industrial Specification Grade Locking Receptacles

These locking receptacles are the top of the Cooper Wiring Devices line, featuring superior engineering and performance as well as outstanding appearance and ease of installation. Made to provide the safest, most dependable wiring device performance available, Industrial Specification Grade locking receptacles meet or surpass the most stringent industry standards.

#### Industrial Specification Grade Locking Plugs and Connectors

Only Cooper Wiring Devices offers tough Industrial Specification Grade plugs and connectors in two different cable clamping designs to meet your every need. All our AutoGrip® and Safety Grip® nylon devices are high performance connecting products for use in high abuse areas such as industrial plants, institutional locations and commercial job sites. They meet or exceed the latest requirements of industry performance standards and design standards such as NEMA, ANSI, UL, and Federal Specifications/GSA.

Nearly all of Cooper's locking devices are Underwriters' Laboratories (UL) Listed and most are also CSA certified or available as CSA certified. Please consult Cooper Wiring Devices Customer Service for availability.



Heavy duty, glass reinforced, high temperature, nylon body reduces breakage. Heat stabilized material suitable for 105°C/221°F continuous use. Body material meets UL 175 C.T.I. test.

One piece brass alloy contacts provide excellent plug retention and continuity in the grounding and power circuits.



Rugged heavy duty mounting strap. Double riveted to body for added strength.

Compact body design allows for adequate wire room in wallbox.

Heavy interior walls provide additional support to insure contact retention.

Back and side wired terminal design allows for fast installation. Large 10-32 power contact screws assure easy, efficient installation.

Serrated terminal plates bite wire to insure strong, reliable wiring connections.



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E-Intro-2
LOCKING
DEVICES





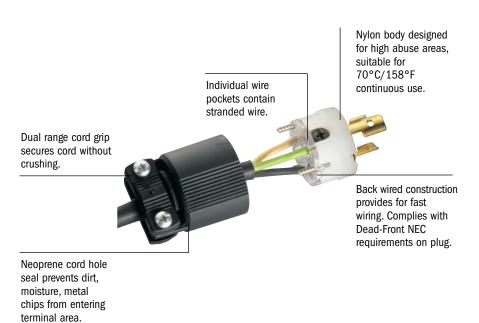
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# E-Intro-3 LOCKING DEVICES

# Industrial Specification Grade 20 & 30A Hart-Lock® Locking Plugs and Connectors



# Industrial Specification Grade 15A Hart-Lock® Locking Plugs and Connectors

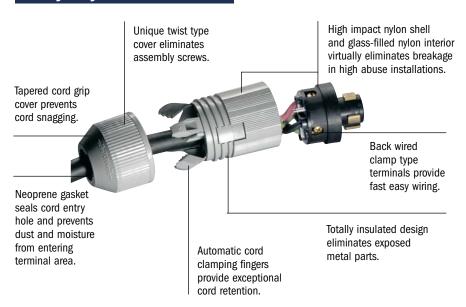




### **Power-Lock® Locking Devices**

Power-Lock devices are designed for the high abuse of heavy-duty industrial, petrochemical, marine and construction applications. These units come in a complete line of plugs, connectors, receptacles, and accessories in 20, 30 and 60 ampere, 2-pole, 3-wire; 3-pole, 4-wire and 4-pole, 5-wire configurations.

### Heavy-duty 30A Power-Lock®





INDUSTRIAL COMMERCIAL

E-Intro-4
LOCKING
DEVICES





INDUSTRIAL COMMERCIAL RESIDENTIAL

# E-Intro-5 LOCKING DEVICES

### Hart-Lock<sup>®</sup> 50 Amp AutoGrip™ Plugs and Connectors

Nylon AutoGrip clamps firmly on a wide variety of cord sizes to provide a strong, positive cord grip without need for additional clamping.

Neoprene gland seals to protect interior.



Tapered shell design makes AutoGrip plugs and connector less vulnerable to snagging on debris or other obstacles at construction sites.

One press of the quick-release lock frees caps for easy, screw-off removal.



Rolled steel shrouds add strength and resist corrosion.

Ribbed housing surfaces provide improved gripping and handling in any environment.

Large terminal lugs grip conductors securely, are easy to access, and come already backed out to speed up installation.



Back wired construction provides for easy installation, dependable conductor termination.

Deep, tapered wire wells are clearly marked X, W, Y and GREEN for easy insertion and isolation of solid or stranded wires.

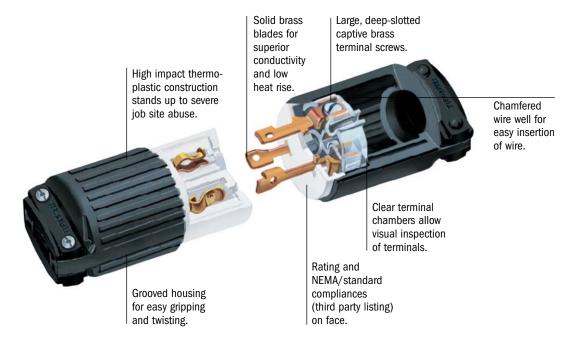


All plugs and connectors accept up to #6 wire.

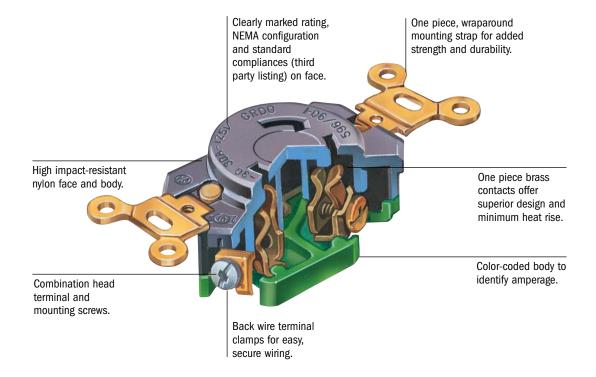
Clearly marked plug and connector faces provide amperage, voltage, wiring configuration, and catalog number for easy identification.

### **Commercial Spec Grade Devices**

### **Commercial Specification Grade Locking Plugs and Connectors**



#### **Commercial Specification Grade Locking Receptacles**





INDUSTRIAL COMMERCIAL RESIDENTIAL

E-Intro-6
LOCKING
DEVICES





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# **DEVICES**

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498, Plugs, Connectors: (file no. E3663). Receptacles: (file no. E2369). · CSA Certified to C22.2 no. 42 (file no. LR2087).

#### **MATERIAL CHARACTERISTICS**

Glass filled Nylon, except: 7506: glass filled Nylon and Phenolic; 7546 & 7548: Nylon and Rubber; **Environmental:** Flammability per UL 94 requirements, VO rated, except 7546 & 7548. Temperature Rating: -40°C to 105°C, except: 7546 and 7548: -40°C to 75°C.



3.28"

(83.3mm)



### **Industrial Specification Grade Locking Devices**

2 Pole, 2 Wire NEMA L1-15, 15A 125V

#### 15A 125V - 2 Pole, 2 Wire **Industrial Specification Grade Locking Receptacles**

2.89"

(25.4mm)

7540

1.56"

(39.6mm)

- Rugged glass filled nylon construction.
- Industrial Grade receptacles provide side and back wire terminations.

#### 15 Amp Locking Receptacles Rating (73.4mm)V/AC **NEMA Description** Color Catalog No. Α 15 L1-15 Industrial Grade Single Black CWL115R 125 Industrial Grade Duplex Black 7540

### 15A 125V - 2 Pole. 2 Wire **Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

- Industrial grade plugs consist of chemically resistant rubber housing.
- Back wire Dead-Front design.
- External cable clamp provides firm strain relief.
- Back wire terminal clamps for easy secure wiring.





CWL115R

Inc	Industrial Specification Grade Plugs and Connectors								
Rat	ting			Cord	Cord				
Α	V/AC	NEMA	Description	Diameter	Color	Plug	Connector		
15	125	L1-15	Industrial Grade	0.312"-0.468" (7.9mm-11.9mm)	Black	7546	_		
			Industrial Grade	0.625" (15.9mm)	Black	7548	_		
			Industrial Grade,	0.296"-0.562" (7.5mm-14.3mm)	Black	_	7506		
			Industrial Grade,		Black	_			

Note: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.





L1-15P



**COOPER** Wiring Devices

# **Industrial Specification Grade Locking Devices**

2 Pole, 2 Wire NEMA L1-15, 15A 125V





INDUSTRIAL COMMERCIAL

E-2
LOCKING
DEVICES

#### 15A 125V – 2 Pole, 2 Wire Industrial Specification Grade Flanged Inlets and Outlets

#### **FEATURES**

- Nickel-plated steel flange.
- Exposed terminals for easy wiring.
- CWL115FI: High temperature Phenolic interior
- CWL115FO: Glass-filled Nylon interior.

Industrial Specification Grade Locking Flanged Inlets and Outlets							
Rating							
Α	V/AC	NEMA	Description	Color	Catalog No.		
15	125	L1-15	Inlet	Black	CWL115FI		
			Outlet	Black	CWL115FO		

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.



CWL115FI



CWL115F0

### TESTING & CODE COMPLIANCE

· Listed to UL 498, Flanged Inlets: (file no. E3663) Flanged Outlets: (file no. E2369). · CSA certified to C22.2 no. 42 (file no. LR2087).

### MATERIAL CHARACTERISTICS

CWL115FO:
Glass filled Nylon.
CWL115FI: Phenolic.
Environmental:
Flammability
per UL 94
requirements,
V0 rated.
Temperature Rating:
CWL115FO:
-40°C to 105°C;
CWL115FI:
-40°C to 150°C.





L1-15P

L1-15R





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# **DEVICES**

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498, Plugs. Connectors: (file no. E3663). Receptacles & Flanged Outlets: (file no. E2369).

#### **MATERIAL** CHARACTERISTICS

Receptacles & Outlets: Glass filled Nylon. Plugs & Connectors: Nylon. **Environmental:** Flammability per UL 94 requirements, CWL220R & CWL220F0 V0 rated. Temperature Rating: Receptacles & Outlets: -40°C to 105°C, Plugs & Connectors: -40°C to 75°C.



3.281 (83.3mm)

2.375

(60.33mm)



1.16" (29.46mm)

> 2.03" (51.56mm)

### **Industrial Specification Grade Hart-Lock® Locking Devices**

2 Pole, 2 Wire Non-Grounding NEMA L2-20, 20A 250V

### 20A 250V - 2 Pole, 2 Wire **Industrial Specification Grade Locking Receptacles**

#### **FEATURES**

- Rugged glass filled nylon construction.
- Industrial Grade receptacles provide side and back wire terminations

#### 20 Amp Locking Receptacle Rating Α V/AC NEMA Description Color Catalog No. 20 250 L2-20 Industrial Grade Single Black CWL220R

### 20A 250V Safety Grip® Industrial Specification Grade **Plugs, Connectors and Flanged Outlets**

#### **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Dual range cord grip provides solid cord clamp.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

## 1.37" (34.8mm)2.06" (53.3mm)1.50 (38.1mm)

0

1.375"

(34.93mm)

CWL220R

CWL220P

**CWL220C** 

1.375" (34.93mm)	
	1.00" (25.40mm)
1.50" (38.1mm)	2.875" (73.03mm)

2.062" (52.37mm) (44.45mm) (5.08mm) 1.687 (42.85mm) 1.562" (39.67mm)

**CWL220F0** 

#### Safety Grip™ Locking Plugs and Connectors Rating Cord Catalog No. V/AC NEMA Description **Diameter** Color Plug Connector 0.250"-0.656" 20 250 L2-20 Straight Black & White CWL220P (6.4mm-16.7mm) 0.250-0.656" CWL220P-6 CWL220C Straight, Black & White Polarized (6.4mm-16.7mm)

### **Industrial Grade 20 Amp Flanged Outlet**

itatii	סיי				
Α	V/AC	NEMA	Description	Color	Catalog No.
20	250	L2-20	Flanged outlet, polarized	Black	CWL220F0

NOTE: Weather Protective Covers and Boots from Cooper Wiring Devices that may be used with these products are described on pages E-71 - E-72 in this section.





L2-20R



2 Pole, 3 Wire Grounding 3 Pole, 3 Wire Non-Grounding NEMA L5-15, 15A 125V NEMA L6-15, 15A 250V NEMA L7-15, 15A 277V Non-NEMA 15/10A 125/250V







#### INDUSTRIAL COMMERCIAL

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LOCKING
DEVICES

### 15A 3 Wire Industrial Specification Grade Receptacles

#### **FEATURES**

- Fiberglass reinforced nylon body and face.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws slot/Robertson head combination.
- Break off tab for split circuit wiring.
- Safety ground clip provided for fast installation.

### **Industrial Specification Grade Duplex Receptacles**

Rat	ing					
A	V/AC	NEMA	Configuration	Description	Color	Catalog No.
15	125	L5-15	2 Pole, 3 Wire	Standard	Brown	4700
				Isolated ground	Orange	IG4700
				Corrosion Resistant	Yellow	CR4700
				Combination, one locking/ one straight blade	Brown	5792
				Combination, Isolated Ground	Orange	IG5792*
				Combination, Corrosion Resistant	Yellow	CR5792
15	250	L6-15	2 Pole, 3 Wire	Standard	Brown	6580
				Isolated Ground	Orange	IG6580*
				With 4" (101.6mm) round metal cover	Brown	6581
15	277	L7-15	2 Pole, 3 Wire	Standard	Brown	4750
				Isolated Ground	Orange	IG4750
15/	/10 125/250	Non-NEMA	3 Pole, 3 Wire	Standard	Brown	7580*

\*Not CSA certified.

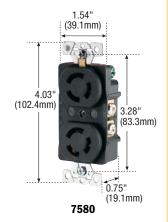
NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.



CR4700



CR5792



### TESTING & CODE COMPLIANCE

· Listed to UL 498 (file no. E2369.) · CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted.

### MATERIAL CHARACTERISTICS

Glass filled Nylon. Temperature Rating: -40°C to 115°C.



RECEPTACLE

**NON-NEMA** 

15A 125V

10A 250V







L6-15R L7-15R





INDUSTRIAL COMMERCIAL

# **DEVICES**

#### **TESTING & CODE COMPLIANCE**

Listed to UL 498, (file no. E2369.) · CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted.

#### **MATERIAL CHARACTERISTICS**

Receptacles: Glass filled Nylon. Temperature Rating: Receptacles: -40°C to 115°C.





### **Industrial Specification Grade Hart-Lock® Locking Devices**

2 Pole, 3 Wire Grounding 3 Pole, 3 Wire Non-Grounding **NEMA L5-15, 15A 125V NEMA L6-15, 15A 250V** NEMA L7-15. 15A 277V Non-NEMA 15/10A 125/250V

#### 15A 3 Wire Industrial Specification Grade Receptacles

#### **FEATURES**

- Fiberglass reinforced nylon body and face.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.

**Industrial Specification Grade Single Receptacles** 

- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.
- Safety ground clip provided for fast installation.

### 0.76" (19.30mm) 4.03" (102.36mm) (34.8mm) (83.3mm)

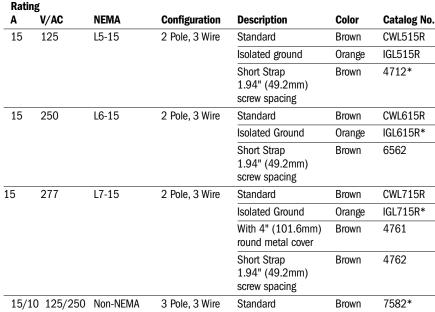
CWL515R



IGL515R



4712



\*Not CSA certified

NOTE: Weather Protective Cover from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.



CWL715R



L5-15R

L6-15R







RECEPTACLE **NON-NEMA** 15A 125V 10A 250V



2 Pole, 3 Wire Grounding 3 Pole, 3 Wire Non-Grounding **NEMA L5-15, 15A 125V NEMA L6-15, 15A 250V NEMA L7-15, 15A 277V** Non-NEMA 15/10A 125/250V







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**E-6 DEVICES** 

#### **15A 3 Wire Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Dual range cord grip provides solid cord clamp.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add "-C" to catalog number for Canadian screws - slot/Robertson head combination.



CWL515P

#### Rating Config-Description/ Catalog No. V/AC uration **Cord Diameter** Color NEMA Plug Connector 125 L5-15 2 Pole, Straight: 0.250"-0.656" 15 Black CWL515P CWL515C 3 Wire (6.4mm-16.7mm) & White Straight: 0.250"-0.656" Black 4721BK (6.4mm-16.7mm) Angle: 0.300"-0.656" Black CWL515PAN (7.62mm-16.7mm) & White

Safety Grip™ Industrial Specification Grade Locking Plugs and Connectors



(34.8mm) 1.00" (25.4mm) 2.87" (72.9mm) 1.50" (38.1mm)

1.37"

CWL515C

\*Not CSA certified

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on page E-72 in this section.

















NON-NEMA 15A 125V 10A 250V

RECEPTACIE **NON-NEMA** 15A 125V 10A 250V



#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498, (file no. E3663). · CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted.

#### MATERIAL **CHARACTERISTICS**

Nylon. Temperature Rating: -40°C to 75°C.



INDUSTRIAL COMMERCIAL

# E-7 LOCKING DEVICES

### TESTING & CODE COMPLIANCE

- · Listed to UL 498, (file no. E3663).
- · CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted.

## MATERIAL CHARACTERISTICS

Nylon. Temperature Rating: -40°C to 75°C.



1.83" (46.5mm)



\_\_\_1.52" \_\_\_ (38.61mm)

4721N

## Industrial Specification Grade Hart-Lock® Locking Devices

2 Pole, 3 Wire Grounding 3 Pole, 3 Wire Non-Grounding NEMA L5-15, 15A 125V NEMA L6-15, 15A 250V NEMA L7-15, 15A 277V Non-NEMA, 10A 250V

#### 15A 125V AutoGrip™ Industrial Specification Grade Plugs and Connectors

#### **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Automatic cord grip assembly saves wiring time.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Combination head screws standard slot/Phillips in the U.S.
- Add "-C" to catalog number for Canadian screws slot/Robertson head combination.

# 1.83" (46.5mm) 1.37" (34.8mm)

4731N



4721NCR



IG4721N

#### AutoGrip™ Industrial Specification Grade Locking Plugs and Connectors Rating Description/ Config-Catalog No. V/AC NEMA uration **Cord Diameter** Color Plug Connector Α 15 125 L5-15 2 Pole, Straight: 0.250"-0.656" Black 4721N 4731N 3 Wire (6.4mm-16.7mm) & White Straight: 0.250"-0.656" Black 4721NBK (7.62mm-16.7mm) Straight: 0.250"-0.656" 4731NGY Gray (7.62mm-16.7mm) 4721NCR 4731NCR Corrosion Resistant: Yellow 0.250"-0.656" (6.4mm-16.7mm) Isolated Ground: Orange IG4721N 0.250"-0.656" (6.4mm-16.7mm) 2 Pole, 15 250 L6-15 Straight: 0.250"-0.656" Black 6565N 6566N 3 Wire (6.4mm-16.7mm) & White Isolated Ground: Orange IG6565N 0.250"-0.656" (6.4mm-16.7mm) Straight: 0.250"-0.656" 15 277 L7-15 2 Pole, Black 4771N 4772N 3 Wire & White (6.4 mm - 16.7 mm)Straight: 0.250"-0.656" White 4771NW (6.4 mm - 16.7 mm)125/ 3 Pole, Straight: 0.250"-0.656" 7567N\* 7565N\* 15/ Non-Black 250 NEMA 3 Wire 10 (6.4mm-16.7mm) & White

\*Not CSA certified

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on page E-72 in this section.



L5-15P



L5-15R



L6-15P





L7-15P







PLUG NON-NEMA 15A 125V 10A 250V RECEPTACLE NON-NEMA 15A 125V 10A 250V



2 Pole, 3 Wire Grounding 3 Pole, 3 Wire Non-Grounding **NEMA L5-15, 15A 125V NEMA L6-15, 15A 250V NEMA L7-15, 15A 277V** Non-NEMA, 15/10A 125/250V







INDUSTRIAL COMMERCIAL

**E-8** LOCKING **DEVICES** 

#### **15A 125V Industrial Specification Grade Flanged Inlets and Outlets**

#### **FEATURES**

- 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.
- Combination head screws standard slot/Phillips in the U.S.
- Add "-C" to catalog number for Canadian screws - slot/Robertson head combination.

#### **Industrial Specification Grade Locking Flanged Inlets and Outlets**

Rating					Catalog No.		
Α	V/AC	NEMA	Configuration	Color	Inlet	Outlet	
15	125	L5-15	2 Pole, 3 Wire	Black & White	CWL515FI	CWL515F0	
15	250	L6-15	2 Pole, 3 Wire	Black & White	CWL615FI	CWL615F0	
15	277	L7-15	2 Pole, 3 Wire	Black & White	CWL715FI	CWL715F0	
15/10	125/250	Non-NEMA	3 Pole, 3 Wire	Black & White	7556C*	7557C*	

\*Not CSA certified.

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.



2.56"



**CWL515F0** 

#### **TESTING & CODE COMPLIANCE**

· Flanged Inlet: Listed to UL 498, (file no. E3663). Flanged Outlets: Listed to UL 498 (file no. E2369.) · CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted.

#### MATERIAL **CHARACTERISTICS**

Nylon. **Environmental:** Flammability per UL 94 requirements, V2 rated. Temperature Rating: -40°C to 75°C.

















NON-NEMA 15A 125V 10A 250V

RECEPTACLE **NON-NEMA** 15A 125V 10A 250V





INDUSTRIAL COMMERCIAL

# E-9 LOCKING DEVICES



· Listed to UL 498 (file no. E2369). · CSA Certified to

C22.2 no. 42 (file no. LR7087).

### MATERIAL CHARACTERISTICS

Glass filled Nylon. Environmental: Flammability per UL 94 requirements, VO rated. Temperature Rating: Receptacles: -40°C to 105°C.





### Industrial Specification Grade Hart-Lock® Locking Devices

2 Pole, 3 Wire Grounding NEMA L5-20, 20A 125V NEMA L6-20, 20A 250V NEMA L7-20, 20A 277V NEMA L8-20, 20A 480V NEMA L9-20, 20A 600V

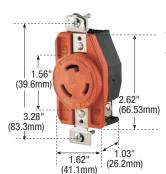
## 20A 2 Pole, 3 Wire Grounding Industrial Specification Grade Locking Receptacles

#### **FEATURES**

- Rugged fiberglass reinforced 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 wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws slot/Robertson head combination.
- Safety ground clip provided for fast installation.

### (83.3mm) (83.6mm) 2.62" (66.53mm) 1.62" (27.4mm)

CRL520R



Inc	Industrial Specification Grade Locking Receptacles						
Rat	ting						
Α	V/AC	NEMA	Description	Color	Catalog No.		
20	125	L5-20	Standard	Black	CWL520R*		
			Corrosion Resistant	Yellow	CRL520R*		
			Isolated Ground	Orange	IGL520R		
20	250	L6-20	Standard	Black	CWL620R*		
			Corrosion Resistant	Yellow	CRL620R*		
			Isolated Ground	Orange	IGL620R		
20	277	L7-20	Standard	Black	CWL720R*		
			Isolated Ground	Orange	IGL720R		
20	480	L8-20	Standard	Black	CWL820R*		
			Isolated Ground	Orange	IGL820R		
20	600	L9-20	Standard	Black	CWL920R		

\*UL Listed to Federal Spec. WC-596

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.





L5-20R





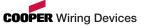




L6-20R L7

L7-20R

L9-20R



2 Pole, 3 Wire Grounding **NEMA L5-20. 20A 125V NEMA L6-20, 20A 250V** NEMA L7-20, 20A 277V **NEMA L8-20, 20A 480V NEMA L9-20, 20A 600V** 

#### 20A 2 Pole, 3 Wire Grounding **Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

Rating

15 125

20

20 277

20

20

480

600

250

V/AC

- All nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.

**Industrial Specification Grade Locking Plugs and Connectors** 

Description/

**Cord Diameter** 

Straight: 0.38"-1.00"

Straight: 0.38"-1.00"

(9.5mm-25.4mm)

(9.5mm-25.4mm)

0.38"-1.00" (9.5mm-25.4mm) Isolated Ground:

0.38"-1.00"

(9.5mm-25.4mm)

(9.5mm-25.4mm)

(9.5mm-25.4mm)

Corrosion Resistant:

0.38"-1.00" (9.5mm-25.4mm)

0.38"-1.00" (9.5mm-25.4mm)

Isolated Ground:

Straight: 0.38"-1.00"

Straight: 0.38"-1.00"

Straight: 0.30"-0.95"

(9.5mm-25.4mm)

(9.5mm-25.4mm)

(7.6mm-24.1mm)

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used

with these products are described on page E-72 in this section.

Straight: 0.38"-1.00"

Straight: 0.38"-1.00"

Corrosion Resistant:

- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.

NEMA

L5-20

L6-20

L7-20

L8-20

L9-20

- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.

Plug

CWL520P

CWL520PBK

CRL520P

IGL520P

CWL620P

6212BK

CRL620P

IGL620P

CWL720P

CWL820P

CWL920P\*\*

L9-20P

\*\* UL (file no E1381), CSA (file no. LR16215)

Color

Black

Black

Yellow

Orange

Black

Black

Yellow

Orange

Black

Black

Black

& White

& White

& White

& White

& White

■ Add "-C" to catalog number for Canadian screws - slot/Robertson head combination.

Catalog No.

Connector

CWL520C

CWL520CBK

CRL520C

CWL620C

6214BK

CWL720C

CWL820C

CWL920C\*\*

2.00" (50.8mm)	
1.312" (33.32mm)	G.
3.437" (87.30mm)	
2.12" (53.8mm)	

INDUSTRIAL COMMERCIAL

E-10 **DEVICES** 



CWL520P



CRL520P



CWL620P



Ĝ GD 0 L5-20P L5-20R L6-20R L8-20P L8-20R L6-20P L7-20P L7-20R





L9-20R

CRL520C

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498 (file no. E3663). · cUL Certified to CSA C22.2 no. 42. (file no. E3663).

#### MATERIAL **CHARACTERISTICS**

Temperature Rating: -40°C to 75°C: except CWL920P, CWL920C, -40°C to 60°C.



INDUSTRIAL COMMERCIAL

### E-11 LOCKING **DEVICES**

#### **TESTING & CODE COMPLIANCE**

Flanged Inlet: Listed to UL 498, (file no. E3663). Flanged Outlets: listed to UL 498 (file no. E2369). · cUL Certified to CSA C22.2 no. 42 (file no. E3663 and E2369) except as noted.

#### MATERIAL CHARACTERISTICS

Nylon. **Environmental:** Flammability per UL 94 requirements, V2 rated except CWL920FI, CWL920F0 Temperature Rating: Flanged Inlets and Outlets: -40°C to 80°C except CWL920FI, CWL920F0: -40°C to 60°C.





### **Industrial Specification Grade Hart-Lock® Locking Devices**

2 Pole, 3 Wire Grounding **NEMA L5-20. 20A 125V NEMA L6-20, 20A 250V** NEMA L7-20, 20A 277V **NEMA L8-20, 20A 480V NEMA L9-20, 20A 600V** 

#### 20A 2 Pole, 3 Wire Industrial Specification Grade **Flanged Inlet and Outlet**

#### **FEATURES**

- 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.
- Combination head screws standard slot/Phillips in the U.S.
- Add "-C" to catalog number for Canadian screws - slot/Robertson head combination.

### 2.87" (72.9mm)1.94". (49.3mm) 2.19" (55.6mm)2.06 (52.3mm)

**CWL520F0** 



CWL520FI





CWL920FI



**CWL920F0** 



NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with these products are described on pages E-71, E-73 and E-74 in this section.

#### **Industrial Specification Grade Flanged Inlets and Outlets** Rating Catalog No. Α V/AC NEMA Color Inlet Outlet 20 125 L5-20 Black & White CWL520FI CWL520F0 20 250 L6-20 Black & White CWL620FI CWL620F0 20 L7-20 CWL720FI 277 Black & White CWL720F0 20 480 L8-20 Black & White CWL820FI CWL820F0 20 600 L9-20 White CWL920FI\*# CWL920F0\*\*#

\*UL (file no. 1381) \*\*UL (file no. 2558) #CSA Listed (file no. LR16215)









L6-20R



L7-20P



L7-20R





L5-20P



L9-20P L9-20R



2 Pole, 3 Wire Grounding NEMA L5-30, 30A 125V **NEMA L6-30, 30A 250V** NEMA L7-30, 30A 277V **NEMA L8-30, 30A 480V NEMA L9-30, 30A 600V** 







INDUSTRIAL COMMERCIAL

E-12 **LOCKING DEVICES** 

#### 30A 2 Pole, 3 Wire Grounding **Industrial Specification Grade Locking Receptacles**

#### **FEATURES**

- Rugged fiberglass reinforced nylon body and face.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.
- Safety ground clip provided for fast installation.

### Industrial Specification Grade Single Receptacles - Back and Side Wire

Rat	ting				
Α	V/AC	NEMA	Description	Color	Catalog No.
30	125	L5-30	Standard	Black	CWL530R*
			Corrosion Resistant	Yellow	CRL530R*
			Isolated Ground	Orange	IGL530R
30	250	L6-30	Standard	Black	CWL630R*
			Corrosion Resistant	Yellow	CRL630R*
			Isolated Ground	Orange	IGL630R
30	277	L7-30	Standard	Black	CWL730R*
			Isolated Ground	Orange	IGL730R
30	480	L8-30	Standard	Black	CWL830R*
			Isolated Ground	Orange	IGL830R
30	600	L9-30	Standard	Black	CWL930R

\*UL Listed to Federal Spec. WC-596F

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.





CWL630R











L9-30R



**TESTING & CODE** 

(file no. E2369). · CSA Certified to C22.2 no. 42 (file no. LR7087).

#### **MATERIAL CHARACTERISTICS**

Glass filled Nylon. **Environmental:** Flammability per UL 94 requirements, V0 rated. Temperature Rating: -40°C to 105°C.





INDUSTRIAL COMMERCIAL

# E-13 LOCKING DEVICES

### TESTING & CODE COMPLIANCE

- · Listed to UL 498 (file no. E3663).
- · cUL Certified to CSA C22.2 no. 42 (file no. E3663) except as noted.

## MATERIAL CHARACTERISTICS

Temperature Rating: -40°C to 75°C;

Nylon.

-40°C to 75°C; except CWL930P, CWL930C, -40°C to 60°C.

### (UL)

2.12" (53.8mm)

2.00"

(50.8mm)

CWL530P



2.34" (59.4mm)

### Industrial Specification Grade Hart-Lock® Locking Devices

2 Pole, 3 Wire Grounding NEMA FSL1-30, 30A 28V/DC NEMA FSL2-30, 30A 120V NEMA L5-30, 30A 125V NEMA L6-30, 30A 250V NEMA L7-30, 30A 277V NEMA L8-30, 30A 480V NEMA L9-30, 30A 600V

## 30A 2 Pole, 3 Wire Grounding Industrial Specification Grade Plugs and Connectors

#### **FEATURES**

- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws slot/Robertson head combination.



CWL730P





CRL530P

Inc	Industrial Specification Grade Locking Plugs and Connectors						
Rat A	ting V/AC	NEMA	Description/ Cord Diameter	Color	Catalog No. Plug	Connector	
30	28V/DC	FSL1-30	Straight: 0.30"-0.95" (7.6mm-24.1mm)	Black & White	FSL130P*	FSL130C*	
30	120, 400Hz	FSL2-30	Straight: 0.30"-0.95" (7.6mm-24.1mm)	Black & White	FSL230P*	FSL230C*	
30	125	L5-30	Straight: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL530P	CWL530C	
			Straight: 0.38"-1.00" (9.5mm-25.4mm)	Black	6332BK	6334BK	
			Corrosion Resistant: 0.38"-1.00" (9.5mm-25.4mm)	Yellow	CRL530P	CRL530C	
			Isolated Ground: 0.38"-1.00" (9.5mm-25.4mm)	Orange	IGL530P	-	
30	250	L6-30	Straight: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL630P	CWL630C	
			Corrosion Resistant: 0.38"-1.00" (9.5mm-25.4mm)	Yellow	CRL630P	CRL630C	
30	277	L7-30	Straight: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL730P	CWL730C	
30	480	L8-30	Straight: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL830P	CWL830C	
30	600	L9-30	Straight: 0.30"-0.95" (7.6mm-24.1mm)	Black & White	CWL930P*	CWL930C*	

\*UL (file no. E1381), CSA (file no. LR16215).

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on page E-72.

















FSL1P

FSL1R

FSL2P



L9-30P

L9-30R

L7-30P

L7-30R

L8-30P

L8-30R

J-3011



2 Pole, 3 Wire Grounding NEMA L5-30, 30A 125V **NEMA L6-30, 30A 250V** NEMA L7-30, 30A 277V **NEMA L8-30, 30A 480V NEMA L9-30, 30A 600V** 







E-14

### INDUSTRIAL COMMERCIAL

**LOCKING DEVICES** 

### 2.875" (73.03mm) 1.94" (49.28mm) (55.63mm) 2.062" (52.37mm)

CWL530FI



CWL730FI

### **Flanged Inlet and Outlet FEATURES**

- 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.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

#### **Industrial Specification Grade Flanged Inlets and Outlets**

30A 2 Pole, 3 Wire Industrial Specification Grade

Ratir	ıg			Catalog No.	
Α	V/AC	NEMA	Color	Inlet	Outlet
30	125	L5-30	Black & White	CWL530FI	CWL530F0
30	250	L6-30	Black & White	CWL630FI	CWL630F0
30	277	L7-30	Black & White	CWL730FI	CWL730F0
30	480	L8-30	Black & White	CWL830FI	CWL830F0
30	600	L9-30	White	CWL930FI*#	CWL930F0†#

\* UL (file no. E1381)

† UL (file no. E2258)

# CSA (file no. LR16215)

NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with these products are described on pages E-71, E-73 and E-74 in this section.















L8-30P L8-30R





L9-30R





**COOPER** Wiring Devices

#### **TESTING & CODE COMPLIANCE**

Flanged Inlet: Listed to UL 498 (file no. E3663). Flanged Outlets: Listed to UL 498 (file no. E2369). · cUL Certified to CSA C22.2 no. 42 (file no. E3663 and E2369) except as noted.

#### **MATERIAL CHARACTERISTICS**

Nylon. **Environmental:** Flammability per UL 94 requirements, V2 rated except CWL930FI, CWL930FO. Temperature Rating: -40°C to 80°C except CWL930FI, CWL930FO: -40°C to 60°C.



INDUSTRIAL COMMERCIAL

## E-15 **DEVICES**

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498, Plugs & Connectors: (file no. E3663). Receptacles: (file no. E2369) except as noted.

#### **MATERIAL** CHARACTERISTICS

Receptacles: Glass filled Nylon, Plugs & Connectors: Nylon. **Environmental:** Flammability per UL 94 requirements, Receptacles VO rated. Temperature Rating: Receptacles: -40°C to 105°C; Plugs & Connectors: -40°C to 75°C except CWL1220P, CWL1220C: -40°C to 60°C.



### **Industrial Specification Grade Hart-Lock® Locking Devices**

3 Pole, 3 Wire Non-Grounding Non-NEMA, 20A 125/250V NEMA L10-20, 20A 125/250V NEMA L11-20, 20A 250V 3Ø **NEMA L12-20, 20A 480V 3Ø** 

#### 20A 3 Pole, 3 Wire Grounding **Industrial Specification Grade Locking Receptacles**

#### **FEATURES**

- Rugged fiberglass reinforced 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 wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.
- Safety ground clip provided for fast installation.

#### 1.03" (26.2mm) 2.62" (66.53mm) 3.281 (83.3mm) 1.56" (39.6mm) 1.62" (41.1mm)

**CWL1020R** 

### 1.83" (46.48mm) 2.85 (72.39mm) 2.13" (54.10mm)

**CWL1220P** 



CWL1220C

### Industrial Specification Grade Single Receptacles - Back and Side Wire Dating

Kau	ııg				
Α	V/AC	NEMA	Description	Color	Catalog No.
20	125/250	Non-NEMA	Standard	Black	7310B
20	125/250	L10-20	Standard	Black	CWL1020R
20	250V 3Ø	L11-20	Standard	Black	CWL1120R
20	480V 3Ø	L12-20	Standard	Black	CWL1220R

#### 20A 3 Pole, 3 Wire Grounding **Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

### **Industrial Specification Grade Locking Plugs and Connectors**

Rati A	ng V/AC	NEMA	Description/ Cord Diameter	Color	Catalog Plug	No. Connector
20	125/250	Non-NEMA	Straight: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	9965C	7314C
20	125/250	L10-20	Straight: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL1020P	CWL1020C
20	250V 3Ø	L11-20	Straight: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL1120P	CWL1120C
20	480V 3Ø	L12-20	Straight: 0.30"-0.95" (7.6mm-24.1mm)	Black & White	CWL1220P*	CWL1220C*

\*UL (file no. E1381)

NOTE: Weather Protective Covers and Boots from Cooper Wiring Devices that may be used with these products are described on pages E-71 and E-72 in this section.



L10-20P















L10-20R L12-20P L11-20P L11-20R

**PLUG** NON-NEMA 20A 125/250V

RECEPTACIE NON-NEMA 20A 125/250V



3 Pole, 3 Wire Non-Grounding Non-NEMA, 20A 125/250V NEMA L10-20, 20A 125/250V NEMA L11-20, 20A 250V 3Ø NEMA L12-20, 20A 480V 3Ø



#### 20A 3 Pole, 3 Wire Industrial Specification Grade **Flanged Inlets and Outlets**

#### **FEATURES**

Rating

Α 20

20

20

20

■ All nylon construction.

V/AC

125/250

125/250

250V 3Ø

480V 3Ø

- 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.

NEMA

L10-20

L11-20

L12-20

Non-NEMA

**Industrial Specification Grade Flanged Inlets and Outlets** 

- Combination head screws standard slot/Phillips in the US.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

Catalog No.

**Outlet** 

7328N

CWL1020F0

CWL1120F0 CWL1220F0\*\*

Inlet

7327N

CWL1020FI

CWL1120FI

CWL1220FI\*

-	2.87" (72.89mm)
0.95" (24.13mm)	NA
(24.1311111)	2.062" (52.37mm)

\*UL (file no. 1381) \*\*UL (file no. 2558)

CWL1220FI

NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with these products are described on pages E-71, E-73 and E-74 in this section.

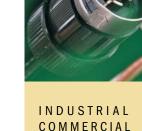
Color

White

Black & White

Black & White

Black & White



E-16 **DEVICES** 

#### **TESTING & CODE COMPLIANCE**

Flanged Inlet: Listed to UL 498, (file no. E3663). Flanged Outlets: Listed to UL 498 (file no. E2369) except as noted.

#### MATERIAL **CHARACTERISTICS**

Nylon. **Environmental:** Flammability per UL 94 requirements. V2 rated except CWL1220FI, CWL1220F0 Temperature Rating: Flanged Inlets and Outlets: -40°C to 80°C except CWL1220FI, CWL1220F0: -40°C to 60°C.

















**RECEPTACLE** NON-NEMA NON-NEMA 20A 125/250V 20A 125/250V





INDUSTRIAL COMMERCIAL

## E-17 **DEVICES**

#### **TESTING & CODE** COMPLIANCE

· Listed to UL 498. Plugs & Connectors: (file no. E3663) except CWL1230P. CWL1230C. CWPL1330P CWL1330C, (file no. E1381). Receptacles: (file no. E2369).

#### MATERIAL **CHARACTERISTICS**

Receptacles: Glass filled Nylon, Plugs & Connectors: Nylon. **Environmental:** Flammability per UL 94 requirements. Receptacles VO rated. Temperature Rating: Receptacles: -40°C to 105°C; Plugs & Connectors: -40°C to 75°C except CWL1230P, C & CWL1330P, C: -40°C to 60°C.



### **Industrial Specification Grade Hart-Lock® Locking Devices**

3 Pole, 3 Wire Non-Grounding Non-NEMA, 30A 125/250V NEMA L10-30, 30A 125/250V NEMA L11-30, 30A 250V 3Ø NEMA L12-30, 30A 480V 3Ø NEMA L13-30, 30A 600V 3Ø

#### 30A 3 Pole, 3 Wire Non-Grounding **Industrial Specification Grade Locking Receptacles**

Industrial Specification Grade Single Receptacles - Back and Side Wire

#### **FEATURES**

Rating

- Rugged fiberglass reinforced 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 wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.
- Safety ground clip provided for fast installation.

### 2.12" (53.8mm) 2 34" (59.4mm) 2.00 (50.8mm)

**CWL1130P** 



**CWL1030R** 

### 2.13" (54.10mm)2.85" (72.39mm)(46.48mm)

**CWL1230P** 



CWL1230C

#### V/AC NEMA Description Color Catalog No. Α 125/250 3330-2 30 Non-NEMA Single **Black** 30 125/250 L10-30 Single Black CWL1030R 30 250V 3Ø L11-30 Single Black CWL1130R 30 L12-30 480V 3Ø Single Black CWL1230R 30 600V 3Ø L13-30 Single Black CWL1330R

#### 30A 3 Pole, 3 Wire Non-Grounding **Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

- Nylon construction.
- Back wire "Dead-Front" design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot phillips in the U.S.

### **Industrial Specification Grade Locking Plugs and Connectors**

Rati A	ing V/AC	NEMA	Cord Diameter	Color	Catalo Plug	g No. Connector
30	125/250	Non-NEMA	0.38"-1.00" (9.5mm-25.4mm)	Black & White	3331N	3333N
30	125/250	L10-30	0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL1030P	CWL1030C
30	250V 3Ø	L11-30	0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL1130P	CWL1130C
30	480V 3Ø	L12-30	Straight: 0.30"-0.95" (7.6mm-24.1mm)	Black & White	CWL1230P	CWL1230C
30	600V 3Ø	L13-30	Straight: 0.30"-0.95" (7.6mm-24.1mm)	Black & White	CWL1330P	CWL1330C

NOTE: Weather Protective Covers and Boots from Cooper Wiring Devices that may be used with these products are described on pages E-71 and E-72 in this section.



**PLUG NON-NEMA** 30A 125/250V



RECEPTACLE NON-NEMA 30A 125/250V



L10-30P

L10-30R





L11-30P



L11-30R



L12-30P





I 13-30P







30A 3 Pole, 3 Wire Industrial Grade

3 Pole, 3 Wire Non-Grounding Non-NEMA, 30A 125/250V NEMA L10-30, 30A 125/250V NEMA L11-30, 30A 250V 3Ø NEMA L12-30, 30A 480V 3Ø NEMA L13-30, 30A 600V 3Ø





INDUSTRIAL

### COMMERCIAL

E-18 **LOCKING DEVICES** 

### ■ Combination head screws standard slot/Phillips in the U.S.

### ■ Add -C to catalog number for Canadian

- screws slot/Robertson head combination.
- secure wiring. ■ Individual wiring compartments with tapered

Flanged Inlet and Outlet

■ Mounting holes interchangeable with

■ Back wire terminal clamps for easy

**FEATURES** 

■ All nylon construction.

competitive units.

channel for easy insertion of wires.

Industrial Specification Grade Flanged Inlets and Outlets									
Rating Catalog No.									
A	V/AC	NEMA	Color	Inlet	Outlet				
30	125/250	Non-NEMA	Black & White	3337N	3336N				
30	125/250	L10-30	Black & White	CWL1030FI	CWL1030F0				
30	250V 30Ø	L11-30	Black & White	CWL1130FI	CWL1130F0				
30	480V 30Ø	L12-30	White	CWL1230FI*	CWL1230F0**				
30	600V 30Ø	L13-30	White	CWL1330FI*	CWL1330F0**				

\*UL (file no. 1381) \*\*UL (file no. 2558)



2.87"

**CWL1230FI** 

NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with these products are described on pages E-71, E-73 and E-74 in this section.



CWL1230F0

#### **TESTING & CODE COMPLIANCE** Flanged Inlet:

Listed to UL 498, (file no. E3663). Flanged Outlets: Listed to UL 498 (file no. E2369) except as noted.

#### MATERIAL **CHARACTERISTICS**

Nvlon. **Environmental:** Flammability per UL 94 requirements, V2 rated except CWL1230FI, FO & CWL1330FI, FO. Temperature Rating: Flanged Inlets and Outlets: -40°C to 80°C except CWL1230FI, FO & CWL1330FI, FO: -40°C to 60°C.

















L13-30R



RECEPTACLE **NON-NEMA** 

NON-NEMA 30A 125/250V 30A 125/250V







INDUSTRIAL COMMERCIAL

# E-19 LOCKING DEVICES

### TESTING & CODE COMPLIANCE

· Listed to UL 498 (file no. E2369).

· UL Listed to Federal Spec. W-C-596 except as noted. CSA Certified to C22.2 no. 42

### MATERIAL CHARACTERISTICS

(file no. LR7087).

Glass filled Nylon. Meets flammability per UL 94 requirements , VO rated. Temperature Rating: -40°C to 105°C.





### Industrial Specification Grade Hart-Lock® Locking Devices

3 Pole, 4 Wire Grounding NEMA L14-20, 20A 125/250V NEMA L15-20, 20A 250V 3Ø NEMA L16-20, 20A 480V 3Ø

## 20A 3 Pole, 4 Wire Grounding Industrial Specification Grade Locking Receptacles

Industrial Specification Grade Single Receptacles - Back and Side Wire

Description

Corrosion Resistant

Corrosion Resistant

Isolated Ground

Isolated Ground

Isolated Ground

Standard

Standard

Standard

#### **FEATURES**

Rating A V/

20

20

20

V/AC

125/250

250V 3Ø

480V 3Ø

- Rugged fiberglass reinforced nylon body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.

NEMA

L14-20

L15-20

L16-20

- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws slot/Robertson head combination.

Catalog No.

CWL1420R

CRL1420R

IGL1420R\*

CWL1520R

CRL1520R

IGL1520R\*

CWL1620R\*

IGL1620R\*

\*Not Federal spec. listed

 Safety ground clip provided for fast installation.

Color

Black

Yellow

Orange

Black

Yellow

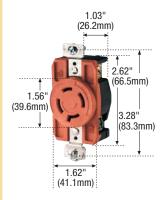
Orange

Black

Orange

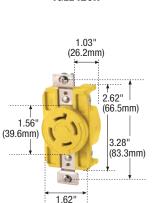
### 1.03" (26.2mm) 2.62" † (66.53mm) 1.56" (39.6mm)

CWL1420R



IGL1420R

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.



**CRL1420R** 

(41.1mm)





L14-20R

L15-20R L16-20R

COOPER Wiring Devices

3 Pole, 4 Wire Grounding NEMA L14-20, 20A 125/250V NEMA L15-20, 20A 250V 3Ø NEMA L16-20, 20A 480V 3Ø







INDUSTRIAL

# 2.31" (58.7mm) 2.75" (69.9mm)

(55.6mm) **CWL1520P** 

> 3.06 (77.7mm) 2.03" (51.6mm)

(55.6mm) CWL1420F0

3.06" (77.7mm) 2.03"\_ (51.6mm) 2.19" (55.6mm)

2<sup>1</sup>19"

(55.6mm)

2.19"

### COMMERCIAL

**E-20** LOCKING **DEVICES** 

**TESTING & CODE** 

· Listed to UL 498 Plugs, Connectors,

**COMPLIANCE** 

Flanged Inlet:

(file no. E3663).

Flanged Outlets:

(file no. E2369).

· cUL Certified to

and E2369).

**MATERIAL** 

Nylon. **Environmental:** Flammability per UL 94 requirements.

CSA C22.2 no. 42 (file no. E3663

**CHARACTERISTICS** 

Flanged Inlets and

Plugs, Connectors:

-40°C to 75°C;

Flanged Inlets,

-40°C to 80°C.

Outlets:

Outlets are V2 rated. Temperature Rating:

#### 20A 3 Pole, 4 Wire Grounding **Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

#### **Industrial Specification Grade Locking Plugs and Connectors**

Rati A	ng V/AC	NEMA	Description/ Cord Diameter	Color	Catalog Plug	No. Connector
20	125/250	L14-20	Standard: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL1420P	CWL1420C
			Standard: 0.38"-1.00"	Black	CWL1420PBK	CWL1420CBK
			Corrosion Resistant: .38"-1.00" (9.5mm-25.4mm)	Yellow	CRL1420P	CRL1420C
20	250V 3Ø	L15-20	Standard: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL1520P	CWL1520C
			Corrosion Resistant: .38"-1.00" (9.5mm-25.4mm)	Yellow	CRL1520P	CRL1520C
20	480V 3Ø	L16-20	Standard: 0.38"-1.00" (9.5mm-25.4mm)	Black & White	CWL1620P	CWL1620C
			Standard: 0.38"-1.00"	Black	CWL1620PBK	CWL1620CBK

### 20A 3 Pole, 4 Wire Industrial Specification Grade **Flanged Inlet and Outlet**

#### **FEATURES**

- 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.
- Add "-C" to catalog number for Canadian screws - slot/Robertson head combination.

### Combination head screws standard slot/Phillips in the U.S.

### (55.6mm) 6405BK

2.19



#### **Industrial Specification Grade Flanged Inlets and Outlets**

Ratir	Rating Catalog No.						
Α	V/AC	NEMA	Color	Inlet	Outlet		
20	125/250	L14-20	Black & White	CWL1420FI	CWL1420F0		
			Black	6405BK	6406BK		
20	250V 3Ø	L15-20	Black & White	CWL1520FI	CWL1520F0		
20	480V 3Ø	L16-20	Black & White	CWL1620FI	CWL1620F0		

NOTE: Weather Protective Covers, Enclosures and Boots Cooper Wiring Devices that may be used with these products are described on pages E-71 - E-74 in this section.













CWL1620F0

### **COOPER** Wiring Devices



INDUSTRIAL COMMERCIAL

# E-21 LOCKING DEVICES

### TESTING & CODE COMPLIANCE

· Listed to UL 498 (file no. E2369); UL Listed to Federal Spec. WC-596.

· CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted.

### MATERIAL CHARACTERISTICS

Glass filled Nylon except FSL330R is Urea.
Environmental: Flammability per UL 94 requirements, VO rated except FSL330R.
Temperature Rating: -40°C to 105°C except FSL330R: -40°C to 60°C.



\_\_ 1.62" \_\_ (41.1mm)

-(1)



### Industrial Specification Grade Hart-Lock® Locking Devices

3 Pole, 4 Wire Grounding NEMA FSL3-30, 30A 120V 3Ø NEMA L14-30, 30A 125/250V NEMA L15-30, 30A 250V 3Ø NEMA L16-30, 30A 480V 3Ø NEMA L17-30, 30A 600V 3Ø

## 30A 3 Pole, 4 Wire Grounding Industrial Specification Grade Locking Receptacles

Industrial Specification Grade Single Receptacles - Back and Side Wire

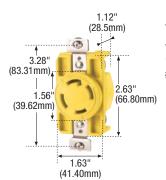
#### **FEATURES**

- Rugged fiberglass reinforced 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 wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws slot/Robertson head combination.
- Safety ground clip provided for fast installation.

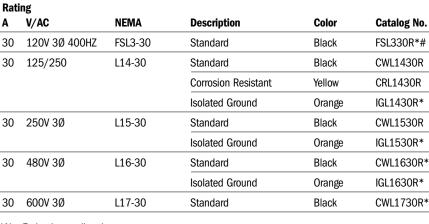
### 3.28" (83.3mm) 1.56" (39.6mm) 2.62" (66.5mm) 1.12" (28.5mm)

### 1.71" (43.43mm) 3.28" (83.31mm) 2.50" (63.50mm)

FSL330R



CRL1430R



\*Not Federal spec. listed #UL (file no. 2258), CSA (file no. LR16215)

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.



IGL1430R











L16-30R



3 Pole, 4 Wire Grounding **NEMA FSL3-30, 30A 120V 3Ø** NEMA L14-30, 30A 125/250V NEMA L15-30, 30A 250V 3Ø NEMA L16-30, 30A 480V 3Ø NEMA L17-30, 30A 600V 3Ø







INDUSTRIAL COMMERCIAL

**E-22 LOCKING DEVICES** 

#### 30A 3 Pole, 4 Wire Grounding **Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.



**CRL1430C** 



FSL330P



**CWL1730P** 

## **Industrial Specification Grade Locking Plugs and Connectors**

Rati A	ing V/AC	NEMA	Description/ Cord Diameter	Color	Catalog Plug	g No. Connector			
30	120V 3Ø 400Hz	FSL3-30	Standard: 0.347"-1.15" (11.9mm-29.5mm)	Black & White	FSL330P*	FSL330C*			
30	125/250	L14-30	Standard: 0.63"-1.16" (15.9mm-29.4mm)	Black & White	CWL1430P	CWL1430C			
			Standard: 0.63"-1.16" (15.9mm-29.4mm)	Black	6512BK	6514BK			
			Corrosion Resistant: 0.63"-1.16" (15.9mm-29.4mm)	Yellow	CRL1430P	CRL1430C			
30	250V 3Ø	L15-30	Standard: 0.63"-1.16" (15.9mm-29.4mm)	Black & White	CWL1530P	CWL1530C			
			Corrosion Resistant: 0.63"-1.16" (15.9mm-29.4mm)	Yellow	CRL1530P	CRL1530C			
30	480V 3Ø	L16-30	Standard: 0.63"-1.16" (15.9mm-29.4mm)	Black & White	CWL1630P	CWL1630C			
			Corrosion Resistant: 0.63"-1.16" (15.9mm-29.4mm)	Yellow	CRL1630P	-			
30	600V 3Ø	L17-30	Standard: 0.63"-1.16" (15.9mm-29.4mm)	Black & White	CWL1730P	CWL1730C			

\*UL (file no. E1381), CSA (file no. LR16215)

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on page E-72 in this section.



FSL3P















L16-30P L16-30R



L17-30R

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498 (file no. E3663), except as noted. · cUL Certified to CSA C22.2 no. 42 (file no. E3663) except as noted.

#### **MATERIAL CHARACTERISTICS**

Nylon. Temperature Rating: Receptacles: -40°C to 75°C, except FSL330P & FSL330C: -20°C to 60°C.





INDUSTRIAL COMMERCIAL

## E-23 **DEVICES**

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498 Flanged Inlets: (file no. E3663); Flanged Outlets (file no. E2369). · cUL Certified to CSA C22.2 no.42 (file no. E3663 and E2369).

#### **MATERIAL CHARACTERISTICS**

Nylon. Environmental flammability per UL 94 requirements, V2 rated. Temperature Rating: -40°C to 80°C.



3.06" (77.7mm)



### **Industrial Specification Grade Hart-Lock® Locking Devices**

3 Pole, 4 Wire Grounding NEMA L14-30, 30A 125/250V NEMA L15-30, 30A 250V 3Ø NEMA L16-30, 30A 480V 3Ø NEMA L17-30, 30A 600V 3Ø

#### 30A 3 Pole, 4 Wire Industrial Specification Grade **Flanged Inlet and Outlet**

#### **FEATURES**

- 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.
- Combination head screws standard slot/Phillips in the US.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

### 2.03" (51.6mm) 2.19" 55.6mm) 2.19 (55.6mm)

CWL1430FI



CWL1530FI



CWL1730FI

#### **Industrial Specification Grade Flanged Inlets and Outlets** Rating Catalog No. V/AC **NEMA** Color Inlet **Outlet** Α 30 Black & White 125/250 L14-30 CWL1430FI CWL1430F0 30 250V 3Ø L15-30 Black & White CWL1530FI CWL1530F0 30 480V 3Ø L16-30 Black & White CWL1630FI CWL1630F0 30 600V 3Ø L17-30 Black & White CWL1730FI CWL1730F0

NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with these products are described on pages E-71, E-73 and E-74 in this section.

















L14-30P

L14-30R

L15-30P

L15-30R

L16-30P

L16-30R

I 17-30F

L17-30R



4 Pole, 4 Wire Non-Grounding Non-NEMA, 20A 120/208V 3ØY NEMA L18-20, 20A 120/208V 3ØY NEMA L19-20, 20A 277/480V 3ØY NEMA L20-20, 20A 347/600V 3ØY





#### **FEATURES**

- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.
- Safety ground clip provided for fast installation.



**CWL1820R** 

INDUSTRIAL

COMMERCIAL

**E-24** 

**DEVICES** 

**TESTING & CODE COMPLIANCE** 

· Listed to UL 498,

Plugs, Connectors: (file no. E3663). Receptacles:

(file no. E2369).

**UL Listed to Federal** Spec. WC-596.

CHARACTERISTICS

Plugs & Connectors:

CWL1820R

MATERIAL

Receptacles: Glass filled Nylon.

**Environmental:** Flammability per UL 94 requirements. Receptacles VO rated. Temperature Rating:

Receptacles:

-40°C to 105°C;

-40°C to 75°C.

Plugs & Connectors:

Nylon.

# 2.31" (58.7mm) 2.75" (69.85mm)



**CWL1920P** 



CWL1920C

(58.67mm)



### Industrial Specification Grade Single Receptacles - Back and Side Wire

#### Rating

Α	V/AC	NEMA	Description	Color	Catalog No.
20	120/208V 3ØY	L18-20	Single	Black	CWL1820R
20	120/208V 3ØY	Non-NEMA	Single	Black	7410B
20	277/480V 3ØY	L19-20	Single	Black	CWL1920R
20	347/600V 3ØY	L20-20	Single	Black	CWL2020R

#### 20A 4 Pole, 4 Wire Non-Grounding **Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

#### **Industrial Specification Grade Locking Plugs and Connectors**

Rati A	ing V/AC	NEMA	Cord Diameter	Color	Catalog Plug	No. Connector
20	120/208V 3ØY	L18-20	0.63"- 1.16" (15.9mm-29.4mm)	Black & White	CWL1820P	CWL1820C
20	120/208V 3ØY	Non- NEMA	0.63"- 1.16" (15.9mm-29.4mm)	Black & White	7411C	7413C
20	277/480V 3ØY	L19-20	0.63"- 1.16" (15.9mm-29.4mm)	Black & White	CWL1920P	CWL1920C
20	347/600V 3ØY	L20-20	0.63"- 1.16" (15.9mm-29.4mm)	Black & White	CWL2020P	CWL2020C

NOTE: Weather Protective Covers and Boots from Cooper Wiring Devices that may be used with these products are described on pages E-71 and E-72 in this section.

















CWL2020P

## **COOPER** Wiring Devices



INDUSTRIAL COMMERCIAL

### E-25 LOCKING **DEVICES**



### **Industrial Specification Grade Hart-Lock® Locking Devices**

4 Pole, 4 Wire Non-Grounding Non-NEMA, 20A 120/208V 3ØY NEMA L18-20, 20A 120/208V 3ØY NEMA L19-20, 20A 277/480V 3ØY NEMA L20-20, 20A 347/600V 3ØY

#### 20A 4 Pole, 4 Wire Industrial Specification Grade **Flanged Inlet and Outlet**

#### **FEATURES**

- 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.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

### 3.06" (77.7mm) 2.03" (51.6mm) 2.19" 55.6mm) 2.19 (55.6mm)

CWL1920FI



CWL1820FI

#### **Industrial Specification Grade Flanged Inlets and Outlets** Rating Catalog No. Α V/AC **NEMA** Color Inlet Outlet 20 120/208V 3ØY L18-20 Black & White CWL1820FI CWL1820F0 20 120/208V 3ØY Non-NEMA Black & White 7408N 7409N 20 277/480V 3ØY L19-20 Black & White CWL1920FI CWL1920F0 20 347/600V 3ØY L20-20 Black & White CWL2020FI CWL2020F0

NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with products on pages E-25 and E-26 are described on pages E-71 - E-74 in this section.

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498 Flanged Inlets: (file no. E3663); Flanged Outlets (file no. E2369).

#### **MATERIAL CHARACTERISTICS**

Nylon. Environmental flammability per UL 94 requirements, V2 rated. Temperature Rating: -40°C to 80°C.



CWL1920F0



















**PLUG NON-NEMA** 20A 120/208V 3ØY

RECEPTACLE NON-NEMA 20A 120/208V 3ØY

L18-20P

L18-20R

L19-20P

L19-20R

L20-20R L20-20P



### **Industrial Specification** 4 Pole, 4 Wire Non-Grounding **Grade Hart-Lock® Locking Devices**

Non-NEMA. 30A 120/208V 3ØY NEMA L18-30, 30A 120/208V 3ØY NEMA L19-30, 30A 277/480V 3ØY NEMA L20-30, 30A 347/600V 3ØY





INDUSTRIAL COMMERCIAL

E-26 LOCKING **DEVICES** 

### 30A 4 Pole, 4 Wire Non-Grounding **Industrial Specification Grade Locking Receptacles**

#### **FEATURES**

- Rugged fiberglass reinforced 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 wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.
- Safety ground clip provided for fast installation.

### 1.12" (28.5mm)(66.5mm) 1.56' (39.6mm) 3.28" (83.3mm)(4) 1.62" (41.1 mm)

**CWL1830R** 

#### Industrial Specification Grade Single Receptacles - Back and Side Wire

#### **Rating**

Α	V/AC	NEMA	Description	Color	Catalog No.
30	120/208V 3ØY	L18-30	Single	Black	CWL1830R
30	120/208V 3ØY	Non-NEMA	Single	Black	3430
30	277/480V 3ØY	L19-30	Single	Black	CWL1930R
30	347/600V 3ØY	L20-30	Single	Black	CWL2030R

30A 4 Pole, 4 Wire Grounding **Industrial Specification Grade Plugs and Connectors** 

#### **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

### 2.19" (55.6mm) 1.22" (30.99mm) 3.75" (95.3mm) 2.31"

CWL1930C

(58.7mm)

### **Industrial Specification Grade Locking Plugs and Connectors**

Rating				Catalog No.		
A	V/AC	NEMA	Cord Diameter	Color	Plug	Connector
30	120/208V 3ØY	L18-30	0.63"- 1.16" (15.9mm-29.4mm)	Black & White	CWL1830P	CWL1830C
30	120/208V 3ØY	Non- NEMA	0.63"- 1.16" (15.9mm-29.4mm)	Black & White	3431N	3433N
30	277/480V 3ØY	L19-30	0.63"- 1.16" (15.9mm-29.4mm)	Black & White	CWL1930P	CWL1930C
30	347/600V 3ØY	L20-30	0.63"- 1.16" (15.9mm-29.4mm)	Black & White	CWL2030P	CWL2030C

















**RECEPTACLE NON-NEMA NON-NEMA** 20A 120/208V 20A 120/208V 3ØY 3**0**Y



#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498 Plugs & Connectors: (file no. E3663). Receptacles: (file no. E2369)

#### MATERIAL **CHARACTERISTICS**

Receptacles: Glass filled Nylon. Plugs, Connectors: Nylon. **Environmental:** Flammability per UL 94 requirements Receptacles VO rated. Temperature Rating: Receptacles: -40°C to 105°C; Plugs, Connectors: -40°C to 75°C.



INDUSTRIAL COMMERCIAL

E-27 **LOCKING DEVICES** 



### **Industrial Specification Grade Hart-Lock® Locking Devices**

4 Pole, 4 Wire Non-Grounding Non-NEMA, 30A 120/208V 3ØY NEMA L18-30, 30A 120/208V 3ØY NEMA L19-30, 30A 277/480V 3ØY NEMA L20-30, 30A 347/600V 3ØY

#### 30A 4 Pole, 4 Wire Industrial Specification Grade **Flanged Inlet and Outlet**

#### **FEATURES**

- 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.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.



CWL1930F0



CWL1830FI

Industrial Specification Grade Flanged Inlets and Outlets							
Ratin A	g V/AC	NEMA Color		Catalog No. Inlet Outlet			
30	120/208V 3ØY	L18-30	Black & White	CWL1830FI	CWL1830F0		
30	120/208V 3ØY	Non-NEMA	Black & White	3434N	3436N		
30	277/480V 3ØY	L19-30	Black & White	CWL1930FI	CWL1930F0		
30	347/600V 3ØY	L20-30	Black & White	CWL2030FI	CWL2030F0		

NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with these products are described on pages E-71, E-73 and E-74 in this section.

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498, Flanged Inlet: (file no. E3663); Flanged Outlets: (file no. E2369).

#### **MATERIAL CHARACTERISTICS**

Nylon. **Environmental:** Flammability per UL 94 requirements. V2 rated. Temperature Rating: -40°C to 80°C.



3ØY



L18-30P













**PLUG NON-NEMA** 30A 120/208V 3ØY

RECEPTACLE NON-NEMA 30A 120/208V

L18-30R

L19-30R L19-30P

L20-30P

L20-30R



4 Pole, 5 Wire Grounding Non-NEMA, 20A 120/208V 3ØY 400HZ NEMA L21-20, 20A 120/208V 3ØY NEMA L22-20, 20A 277/480V 3ØY NEMA L23-20, 20A 347/600V 3ØY







INDUSTRIAL COMMERCIAL

E-28

## **LOCKING DEVICES**

#### **TESTING & CODE** COMPLIANCE

· Listed to UL 498, (file no. E2369). CWL2120R: UL Listed to Federal Spec. WC-596. · CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted.

#### MATERIAL CHARACTERISTICS

Receptacles: Glass filled Nylon except 6110: Urea. **Environmental:** Flammability per UL 94 requirements, Receptacles VO rated except 6110. Temperature Rating: Receptacles: -40°C to 105°C except 6110: -40°C to 60°C.

#### 20A 4 Pole, 5 Wire Grounding **Industrial Specification Grade Locking Receptacles**

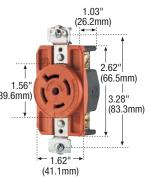
#### **FEATURES**

Rating

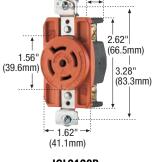
- Rugged fiberglass reinforced nylon body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.
- Safety ground clip provided for fast installation.



**CWL2120R** 



**IGL2120R** 





6110

Industrial Specification Grade Single Receptacles - Back and Side Wire

20         120/208V 3ØY         L21-20         Standard         Black         CWL2120R           20         120/208V 3ØY 400Hz         Non-NEMA         Standard         Black         6110*           20         277/480V 3ØY         L22-20         Standard         Black         CWL2220R           Isolated Ground         Orange         IGL2220R           20         347/600V 3ØY         L23-20         Standard         Black         CWL2320R           Isolated Ground         Orange         IGL2320R	Α	V/AC	NEMA	Description	Color	Catalog No.
20         120/208V 3ØY 400Hz         Non-NEMA         Standard         Black         6110*           20         277/480V 3ØY         L22-20         Standard         Black         CWL2220R           Isolated Ground         Orange         IGL2220R           20         347/600V 3ØY         L23-20         Standard         Black         CWL2320R	20	120/208V 3ØY	L21-20	Standard	Black	CWL2120R
20         277/480V 3ØY         L22-20         Standard         Black         CWL2220R           Isolated Ground         Orange         IGL2220R           20         347/600V 3ØY         L23-20         Standard         Black         CWL2320R				Isolated Ground	Orange	IGL2120R
Isolated Ground Orange IGL2220R 20 347/600V 3ØY L23-20 Standard Black CWL2320R	20	120/208V 3ØY 400Hz	Non-NEMA	Standard	Black	6110*
20 347/600V 3ØY L23-20 Standard Black CWL2320R	20	277/480V 3ØY	L22-20	Standard	Black	CWL2220R
				Isolated Ground	Orange	IGL2220R
Isolated Ground Orange IGL2320R	20	347/600V 3ØY	L23-20	Standard	Black	CWL2320R
				Isolated Ground	Orange	IGL2320R

\*UL (file no. E2258), CSA (file no. LR16215)

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on pages E-71 in this section.









RECEPTACLE NON-NEMA 3ØY

L23-20R

20A 120/208V 400 Hz

L21-20R L22-20R





INDUSTRIAL COMMERCIAL

## E-29 **DEVICES**





### **Industrial Specification Grade Hart-Lock® Locking Devices**

4 Pole, 5 Wire Grounding Non-NEMA, 20A 120/208V 30Y 400Hz Non-NEMA 20/10A 250/600V NEMA L21-20, 20A 120/208V 3ØY NEMA L22-20, 20A 277/480V 3ØY NEMA L23-20, 20A 347/600V 3ØY

### 20A 4 Pole, Wire Grounding **Industrial Specification Grade Plugs and Connectors**

#### **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover allows easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

### 2.19" (55.6mm) 1.22' 3.75" (31.0mm)(95.3mm) 2.31" (58.7mm)CWL2120C

## 2.19" (55.6mm) 2.75" (69.9mm) 2.31" (58.7mm)

**CWL2120P** 

#### **Industrial Specification Grade Locking Plugs and Connectors** Rating Catalog No. V/AC **NEMA Cord Diameter** Color Plug Connector Α 20 120/208V 3ØY L21-20 0.63-1.16" Black CWL2120P CWL2120C (15.9-29.4mm) & White Black CWL2120PBK CWL2120CBK 120/208V 0.47-1.15" 20 Black 6112\* 6114\* Non-3ØY 400Hz & White NEMA (11.9-29.2mm) 250/600 3523 20/10 0.63-1.16" 3521 Non-Gray NEMA (15.9-29.4mm) Black 3521BK 3523BK 20 277/480V 3ØY L22-20 0.63-1.16" Black CWL2220P CWL2220C (15.9-29.4mm) & White 20 347/600V 3ØY L23-20 0.63.63-1.16" Black CWL2320P CWL2320C (15.9-29.4mm) & White

\*UL (file no. E1381), CSA (file no. LR16215)

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on page E-72 in this section.

#### **TESTING & CODE COMPLIANCE**

· Listed to UL 498, (file no. E3663); **UL Listed to Federal** Spec. WC-596. · cUL Certified to

CSA C22.2 no. 42 (file no. E3663) except as noted.

#### ΜΔΤΕΡΙΔΙ **CHARACTERISTICS**

Nvlon. Temperature Rating: -40°C to 75°C except 6112, 6114: -40°C to 60°C.

















**PLUG NON-NEMA** 20A 250V 10A 600V

NON-NEMA 20A 250V 10A 600V

**PLUG NON-NEMA** 20A 120/208V 3ØY 400 Hz

RECEPTACLE **NON-NEMA** 20A 120/208V 3ØY 400 Hz

L21-20P

L21-20R

L22-20P







L23-20P

L23-20R



# **Industrial Specification Grade Hart-Lock® Locking Devices**

4 Pole, 5 Wire Grounding Non-NEMA, 20A 120/208V 3ØY 400Hz Non-NEMA 20/10A 250/600V NEMA L21-20, 20A 120/208V 3ØY NEMA L22-20, 20A 277/480V 3ØY NEMA L23-20, 20A 347/600V 3ØY



3.06" (77.7mm)

2.03" (51.6mm)

2.19"

(55.6mm)CWL2120FI 2.19"

(55.6mm)





INDUSTRIAL COMMERCIAL

**E-30 DEVICES** 

# 20A 4 Pole, 5 Wire Industrial Specification Grade Flanged Inlet and Outlet

## **FEATURES**

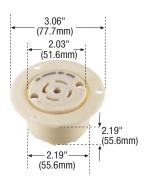
- All nylon construction.
- Mounting holes interchangeable with competitive units.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

# **Industrial Specification Grade Flanged Inlets and Outlets**

Rating	Rating Catalog No.				
Α	V/AC	NEMA	Color	Inlet	Outlet
20	120/208V 3ØY	L21-20	Black & White	CWL2120FI	CWL2120F0
20	120/208V 3ØY 400 HZ	Non-NEMA	White	6116*†	6118*#
20/10	250/600V	Non-NEMA	Gray	3524	3525
			Black	3524BK	3525BK
20	277/480V 3ØY	L22-20	Black & White	CWL2220FI	CWL2220F0
20	347/600V 3ØY	L23-20	Black & White	CWL2320FI	CWL2320F0

†UL (file no. E1381) #UL (file no. E2258) \*CSA (file no. LR16215)

NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with these products are described on pages E-71, E-73 and E-74 in this section.



6118



6116



NON-NEMA

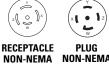
20A 250V

10A 600V



20A 250V

10A 600V















L22-20P L22-20R





G) L23-20P



## MATERIAL **CHARACTERISTICS**

**TESTING & CODE COMPLIANCE** 

· Listed to UL 498

Flanged Inlets: (file no. E3663); · Flanged Outlets: Listed to UL 498, (file no. E2369).

· cUL Certified to

(file no. E3663

except as noted.

and E2369)

CSA C22.2 no. 42

Nylon. **Environmental:** Flammability per UL 94 requirements. V2 rated except 6116, 6118. Temperature Rating: -40°C to 80°C except 6116, 6118: -40°C to 60°C.



# E-31 **DEVICES**

## **TESTING & CODE** COMPLIANCE

· Listed to UL 498 (file no. E2369) except Flanged Inlets: (file no. E3663). CWL2130R **UL Listed to Federal** Spec. WC-596. Receptacles: · CSA Certified to C22.2 no. 42

(file no. LR7087) Inlets and Outlets: cUL Certified to CSA C22.2 no. 42, Inlets (file no. E3663), Outlets (file no. E2369).

## MATERIAL **CHARACTERISTICS**

Glass filled Nylon **Environmental:** Flammability per UL 94 requirements. VO rated except FSL430R, Inlets/Outlets: V2 rated. Temperature Rating: -40°C to 105°C except FSL430R: -40°C to 60°C. Inlets/Outlets: -40°C to 80°C.





# Industrial **Specification Grade Hart-Lock® Locking Devices**

4 Pole, 5 Wire Grounding NEMA L21-30, 30A 120/208V 3ØY NEMA FSL4-30, 30A 120/208V 3ØY 400Hz NEMA L22-30, 30A 277/480V 3ØY NEMA L23-30, 30A 347/600V 3ØY

# 30A 4 Pole, 5 Wire Non-Grounding **Industrial Specification Grade Locking Receptacles**

## **FEATURES**

- Rugged fiberglass reinforced 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 wire terminal clamps for secure wiring.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.
- Safety ground clip provided for fast installation.

## 2.62" 3.28 (66.55mm) (83.31mm) 1.56" (39.62mm) 1.12" (28.5mm)1.62" (41.14mm)

### CWL2130R



FSL430R

# 3.06" (77.7mm) 2.03" (51.6mm) 2.19" 2.19" (55.6mm)(55.6mm)

CWL2130FI

# 3.06" (77.72mm) 2.03" (51.6mm)2.19" (55.6mm) 2.19"-(55.6mm)

CWL2330F0

### Industrial Specification Grade Single Receptacles - Back and Side Wire Rating Α V/AC NEMA Description Color Catalog No. 30 120/208V 3ØY L21-30 Standard Black CWL2130R Isolated Ground Orange IGL2130R 30 120/208V 3ØY 400HZ FSL4-30 Standard Black FSL430R\* 30 277/480V 3ØY L22-30 Standard Black CWL2230R Isolated Ground Orange IGL2230R 30 347/600V 3ØY L23-30 Standard Black CWL2330R Isolated Ground IGL2330R Orange

# 30A 4 Pole, 5 Wire Industrial Specification Grade **Flanged Inlet and Outlet**

## **FEATURES**

- 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.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

# **Industrial Specification Grade Flanged Inlets and Outlets**

Ratin	g			Catalog No.			
Α	V/AC	NEMA	Color	Inlet	Outlet		
30	120/208V 3ØY	L21-30	Black & White	CWL2130FI	CWL2130F0		
30	277/480V 3ØY	L22-30	Black & White	CWL2230FI	CWL2230F0		
30	347/600V 3ØY	L23-30	Black & White	CWL2330FI	CWL2330F0		

NOTE: Weather Protective Covers and Enclosures from Cooper Wiring Devices that may be used with these products are described on pages E-71, E-73 and E-74 in this section.















L21-30P

L21-30R

FSL4R L22-30P

L22-30R

**COOPER** Wiring Devices

<sup>\*</sup>UL (file no. 2558), CSA (file no. LR16215), Urea.

# **Industrial Specification Grade Hart-Lock® Locking Devices**

4 Pole, 5 Wire Grounding NEMA L21-30, 30A 120/208V 3ØY NEMA FSL4-30, 30A 120/208V 3ØY 400Hz NEMA L22-30, 30A 277/480V 3ØY NEMA L23-30, 30A 347/600V 3ØY







INDUSTRIAL

# COMMERCIAL

E-32 LOCKING **DEVICES** 

# **TESTING & CODE**

**COMPLIANCE** 

· Listed to UL 498 (file no. E3663) except FSL430P, FSL430C (file no. E1381). cUL Certified to CSA C22.2 no. 42 (file no. E3663) except FSL430P and FSL430C: CSA Certified to C22.2 no. 42 (file no. LR16215).

## **MATERIAL CHARACTERISTICS**

Nylon. Temperature Rating: -40°C to 75°C except FSL430P. FSL430C: -40°C to 60°C.

# 30A 4 Pole, 5 Wire Grounding **Industrial Specification Grade Plugs and Connectors**

## **FEATURES**

- Nylon construction.
- Back wire Dead-Front design.
- Neoprene gasket seals cord hole from dust and debris.
- Inserts included for three separate cord grip ranges.
- Back wire terminal clamps for secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover allows easy inspection of wiring terminations.
- Combination head screws standard slot/Phillips in the U.S.
- Add -C to catalog number for Canadian screws - slot/Robertson head combination.

Inc	Industrial Specification Grade Locking Plugs and Connectors								
Rati	Rating Catalog No.								
Α	V/AC	NEMA	Cord Diameter	Color	Plug	Connector			
30	120/208V 3ØY	L21-30	0.63"-1.16" (15.9mm-29.4mm)	Black & White	CWL2130P	CWL2130C			
			0.63"-1.16" (15.9mm-29.4mm)	Black	6612BK	6614BK			
30	120/208V 3ØY 400Hz	FSL4-30	0.47"-1.15" (11.9mm-29.2mm)	Black & White	FSL430P	FSL430C			
30	277/480V 3ØY	L22-30	0.63"-1.16" (15.9mm-29.4mm)	Black & White	CWL2230P	CWL2230C			
30	347/600V 3ØY	L23-30	0.63"-1.16" (15.9mm-29.4mm)	Black & White	CWL2330P	CWL2330C			

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on page E-72 in this section.



FSL430P



6614BK

















L23-30R

**COOPER** Wiring Devices



# E-33 LOCKING DEVICES

# TESTING & CODE COMPLIANCE

· Listed to UL 498, (file no. E15012) except Nylon Plugs, Connectors, (file no. E3663). · CSA Certified to C22.2 no. 42 (file no. LR2081 (6221-02)) except Nylon Plugs, Connectors (file no, LR7087).

# MATERIAL CHARACTERISTICS

Thermoplastic Plugs & Connectors: Polycarbonate and PVC. Nylon Plugs, Connectors: Nylon. **Environmental:** Flammability per UL 94 requirements. Thermoplastic Plugs & Connectors V2 rated. Temperature Rating: Thermoplastic Plugs, Connectors: -20°C to 60°C. Nylon Plugs, Connectors: -40°C to 75°C.





# Commercial Specification Grade Locking Devices

2 Pole, 2 Wire Non-Grounding 2 Pole, 3 Wire Grounding NEMA L1-15, 15A 125V NEMA L5-15, 15A 125V NEMA L6-15, 15A 250V NEMA L7-15, 15A 277V

# 15A 2 Pole 3 Wire Commercial Specification Grade Locking Plugs and Connectors

## **FEATURES**

- Abuse resistant thermoplastic construction.
- Back wire Dead-Front design.
- Thermoplastic plugs have external cable clamp which provides firm strain relief.
- Nylon plugs have internal Autogrip® style strain relief for fast wiring.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Clearly marked rating, NEMA configuration and standard compliances on face of plug or connector.
- Nylon Plugs and connectors have slot/Phillips combination head screws.

# 

4579



L115P



4720



4570

Commercial Specification Grade Thermoplastic Locking Plugs and Connectors						
Rating	Description/		Cata	Catalog No.		
A V/AC NEMA	Cord Diameter	Color	Plug	Connector		
15 125 L1-15	Commercial Grade: 0.25"-0.69" (6.4mm-17.5mm)	Black & White	L115P	-		
15 125 L5-15	Straight: 0.25"-0.69" (6.4mm-17.5mm)	Black & White	4720	4729		
	Angle: 0.25"-0.69" (6.4mm-17.5mm)	Black & White	4720AN	-		
15 250 L6-15	Straight: 0.25"-0.69" (6.4mm-17.5mm)	Black & White	4570	4579		
	Angle: 0.25"-0.69" (6.4mm-17.5mm)	Black & White	4570AN	-		
15 277 L7-15	Straight: 0.25"-0.69" (6.4mm-17.5mm)	Black & White	4770	4779		

Co	Commercial Specification Grade Nylon Locking Plugs and Connectors						
Rat	Rating		Description/		Catal	og No.	
Α	V/AC	NEMA	Cord Diameter	Color	Plug	Connector	
15	125	L5-15	Straight: 0.250"-0.656" (6.4mm-16.7mm)	Yellow	3473-3	3493-3	
15	250	L6-15	Straight: 0.250"-0.656" (6.4mm-17.5mm)	Yellow	3474-3	3494-3	
15	277	L7-15	Straight: 0.250"-0.656" (6.4mm-17.5mm)	Yellow	3475-3	3495-3	

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on page E-72 in this section.

















L5-15R L6-15P

L7-15P

L7-15R

**COOPER** Wiring Devices

# **Commercial Specification Grade Locking Devices**

2 Pole, 3 Wire Grounding NEMA L5-20, 20A 125V NEMA L6-20, 20A 250V NEMA L7-20, 20A 277V NEMA L24-20. 20A 347V **NEMA L8-20, 20A 480V** NEMA L9-20, 20A 600V



1.70"

(43.2mm)

1.82"

(46.23mm)

1.66" (42.16mm)

L620P

(41.91mm)

\_1.82"→ (46.23mm)

L620C

1.65" (41.91mm)

**←**1.82"**→** 

(46.23mm)

L520C

2.23"

3.13" (79.50mm)

3.13"

(79.50mm)

(56.64mm)





INDUSTRIAL COMMERCIAL

E-34 **DEVICES** 

# **TESTING & CODE COMPLIANCE**

· Listed to UL 498 Plugs, Connectors: (file no. E15012) Receptacles: (file no. E15058). · Receptacles are **UL Listed to Federal** Spec WC-596. · CSA Certified. C22.2 no. 42, Receptacles (file no. LR6914 (6233-01));Plugs, Connectors (file no. LR2081 (6221-02)). · NOM Certified,

## MATERIAL CHARACTERISTICS

except as noted.

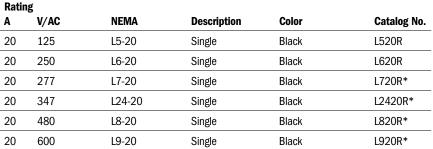
Receptacles: Nylon. Plugs, Connectors: Polycarbonate & PVC. Meets flammability requirements per UL 94, V2 rated. Temperature Rating: Receptacles: -40°C to 70°C; Plugs & Connectors: -20°C to 60°C.

# 20A 2 Pole, 3 Wire Commercial **Specification Grade Receptacles**

## **FEATURES**

- Rugged nylon face and body.
- and approval listings on receptacle face.
- performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.

### ■ Clearly marked rating, NEMA configuration ■ Combination head screws standard -ว่ วล" 2.39" (83.3mm) slot/Phillips. ■ One piece brass contacts offer superior (60.7mm) 1.55 2.38" (39.4mm) (60.5mm)**Commercial Specification Grade Receptacles** 1 15" (29.2mm)L520R



<sup>\*</sup>Not NOM

# 20A 2 Pole, 3 Wire Commercial Specification Grade **Locking Plugs and Connectors**

## **FEATURES**

- Abuse resistant thermoplastic construction.
- Back wire Dead-Front design.
- External cable clamp provides firm strain relief.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Triple combination head screws standard slot/Phillips/Robertson for use in the U.S. and Canada.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.

# arcial Specification Grade Locking Plugs and Connect

Rating A V/AC NEMA		NEMA	Description/ Cord Diameter	Color	Catalo Plug	g No. Connector
20	125	L5-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L520P	L520C
20	250	L6-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L620P	L620C
20	347	L24-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L2420P	L2420C

with these products are described on page E-71 in this section.



L24-20P



L24-20R

**COOPER** Wiring Devices



















Co	Commercial Specification Grade Locking Plugs and Connectors								
Rating A V/AC NEMA		NEMA	Description/ Cord Diameter	Color	Catal Plug	og No. Connector			
20	125	L5-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L520P	L520C			
20	250	L6-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L620P	L620C			
20	347	L24-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L2420P	L2420C			

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used







# E-35 LOCKING **DEVICES**

## **TESTING & CODE COMPLIANCE**

· Listed to UL 498 Receptacles (file no. E15058) Plugs & Connectors: (file no. E15012). **UL Listed to Federal** Spec. WC-596. · CSA Certified to C22.2 no. 42. Receptacles: (file no. LR6914 (6233-01)). Plugs & Connectors: (file no. LR2081 (6221-01)).

# · NOM Certified, except as noted.

CHARACTERISTICS

MATERIAL

Receptacles: Nylon. Plugs, Connectors: Polycarbonate. Meets flammability requirements per UL 94. V2 rated. Temperature Rating: Receptacles: -40°C to 70°C. Plugs & Connectors: -20°C to 60°C.



# **Specification Grade Locking Devices**



## FSL130R



L530R



L930R



L530P



L530C

# **Commercial**

# 30A 2 Pole, 3 Wire Commercial **Specification Grade Receptacles**

## **FEATURES**

- Rugged nylon face and body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.

- 2 Pole, 3 Wire Grounding NEMA FSL1-30, 30A 28V/DC **NEMA FSL2-30, 30A 120V NEMA L5-30. 30A 125V NEMA L6-30, 30A 250V** NEMA L7-30, 30A 277V **NEMA L8-30. 30A 480V NEMA L9-30, 30A 600V**
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips.

### **Commercial Specification Grade Receptacles** Rating V/AC **NEMA** Catalog No. **Description** Color Α FSLI-30 30 28V/DC FSL130R\* Single **Black** 30 120, 400HZ FSL2-30 Single Black FSL230R\* 125 L5-30 30 Single **Black** L530R 30 L6-30 L630R 250 Single Black 30 277 L7-30 L730R\* Single **Black** 30 480 L8-30 Single Black L830R\* L9-30 30 600 Single **Black** L930R\*

\*Not NOM

# 30A 2 Pole, 3 Wire Commercial Grade **Locking Plugs and Connectors**

- Abuse resistant thermoplastic construction.
- Back wire Dead-Front design.
- External cable clamp provides firm strain relief.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Triple combination head screws standard slot/Phillips/Robertson for use in the U.S. and Canada.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Clearly marked rating, NEMA configuration and standard compliances on face of plug or connector.

## **Commercial Grade Locking Plugs and Connectors**

Rating			Description/		Catalog No.		
Α	V/AC	NEMA	Cord Diameter	Color	Plug	Connector	
30	125	L5-30	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L530P	L530C*	
30	250	L6-30	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L630P	L630C*	

\*Not Federal Spec.

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on pages E-71 in this section.

















L9-30R



# **Commercial Specification Grade Locking Devices**

3 Pole, 3 Wire Non-Grounding NEMA L10-20, 20A 125/250V NEMA L11-20, 20A 250V 3Ø NEMA L12-20, 20A 480V 3Ø



3.281

(39.4mm)

1.55

(83.3mm)



(60.7mm)

2.38"

(29.2mm)

(60.5mm)

INDUSTRIAL COMMERCIAL

E-36 LOCKING **DEVICES** 

# 20A 3 Pole, 3 Wire Commercial **Specification Grade Receptacles**

## **FEATURES**

- Rugged nylon face and body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts off superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips.

# **Commercial Specification Grade Receptacles**

## Rating

Α	V/AC	NEMA	Description	Color	Catalog No.
20	125/250	L10-20	Single	Black	L1020R
20	250V 3Ø	L11-20	Single	Black	L1120R
20	480V 3Ø	L12-20	Single	Black	L1220R*

\*Not NOM



L1020R

# 20A 3 Pole, 3 Wire Commercial Grade **Locking Plugs and Connectors**

## **FEATURES**

- Abuse resistant thermoplastic construction.
- Back wire Dead-Front design.
- External cable clamp provides firm strain relief.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Triple combination head screws standard slot/Phillips/Robertson for use in the U.S. and Canada.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Clearly marked rating, NEMA configuration and standard compliances on face of plug or connector.

# L1120R



L1020P



1.66" (42.16mm) 3.14" (79.76mm)

(46.23mm) L1120C

1.82"

# **Commercial Grade Locking Plugs and Connectors**

Rating			Description/		Catalog No.	
Α	V/AC	NEMA	Cord Diameter	Color	Plug	Connector
20	125/250	L10-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L1020P	L1020C
20	250V 3Ø	L11-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L1120P	L1120C

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on pages E-71 in this section.



L10-20R







# **COOPER** Wiring Devices

## **TESTING & CODE COMPLIANCE**

· Listed to UL 498 Receptacles: (file no. E15058) Plugs & Connectors: (file no. E15012). · NOM Certified, except as noted.

## MATERIAL **CHARACTERISTICS**

Receptacles: Nylon. Plugs, Connectors: Polycarbonate & PVC. Meets flammability requirements per UL 94. V2 rated. Temperature Rating: Receptacles: -40°C to 70°C. Plugs & Connectors: -20°C to 60°C.



INDUSTRIAL COMMERCIAL

E-37 **DEVICES** 

# **TESTING & CODE** COMPLIANCE

- · Listed to UL 498 (file no. E15058).
- · UL Listed to Federal Spec. WC-596.
- · NOM Certified, except as noted.

# **MATERIAL CHARACTERISTICS**

Nylon. Meets flammability requirements per UL 94, V2 rated. Temperature Rating: -40°C to 70°C.



# **Commercial Specification Grade Locking Devices**

3 Pole, 3 Wire Non-Grounding Non-NEMA, 30A 125/250V NEMA L10-30, 30A 125/250V NEMA L11-30, 30A 250V 3Ø NEMA L12-30, 30A 480V 3Ø NEMA L13-30, 30A 600V 3Ø

# 30A 3 Pole, 3 Wire Commercial **Specification Grade Receptacles**

# **FEATURES**

- Rugged nylon face and body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.

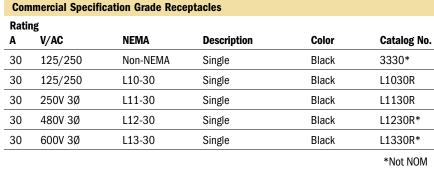
# 1.70" (43.2mm) 3.28" (83.3mm) 2.39" (60.7mm) 2.38 (60.5mm) 1.15" (29.2mm) 1.55" (39.4mm)

## 3330



L1030R



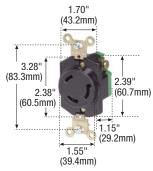


NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used

with these products are described on page E-71 in this section.

1.70" (43.2mm)3.28" (83.3mm) 2.39" 2 38 (60.7mm)(60.5mm) 1.15" (29.2mm) 1.55" (39.4mm)

L1230R





L10-30R









RECEPTACLE NON-NEMA 30A 125/250V



L11-30R L12-30R

L13-30R

**COOPER** Wiring Devices

# **Commercial Specification Grade Locking Devices**

3 Pole, 4 Wire Grounding NEMA L14-20, 20A 125/250V NEMA L15-20, 20A 250V 3Ø NEMA L16-20, 20A 480V 3Ø





INDUSTRIAL COMMERCIAL RESIDENTIAL

**E-38** LOCKING **DEVICES** 

# **TESTING & CODE**

· Listed to UL 498 · NOM Certified, except as noted.

## MATERIAL **CHARACTERISTICS**

Receptacles: Nylon.

# 20A 3 Pole, 4 Wire **Commercial Specification Grade Receptacles**

## **FEATURES**

- Rugged nylon face and body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.

## 1.70" (43.2mm) 3.28" (83.3mm) 2.39" (60.7mm)2.38 (60.5mm) 1.15" (29.2mm)1.55" (39.4mm)

## L1620R

1.66" - $(42.2 \, \text{mm})$ 

(46.2mm) L1420P

1.66"

(42.2mm)

1.82" (46.2mm)

L1420C

1.66" (42.2mm)

1.82"

(46.2mm)

L1520C

2.23"

3.14"

3.14"

(79.76mm)

(79.76mm)

(56.6mm)

# **Commercial Specification Grade Receptacles**

## Rating

Α	V/AC	NEMA	Description	Color	Catalog No.
20	125/250	L14-20	Single	Black	L1420R
20	250V 3Ø	L15-20	Single	Black	L1520R
20	480V 3Ø	L16-20	Single	Black	L1620R*

\*Not CSA or NOM

# 20A 3 Pole, 4 Wire Commercial Specification Grade **Locking Plugs and Connectors**

- Abuse resistant thermoplastic construction.
- Back wire Dead-Front design.
- External cable clamp provides firm strain relief.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- slot/Phillips/Robertson for use in the U.S. and Canada.
- Clear cover over wiring compartments allow
- Clearly marked rating, NEMA configuration and standard compliances on face of

# ■ Triple combination head screws standard -

- easy inspection of wiring terminations.
- plug or connector.

## **Commercial Specification Grade Locking Plugs and Connectors**

Rating			Description/		Catalog No.		
Α	V/AC	NEMA	Cord Diameter	Color	Plug	Connector	
20	125/250	L14-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L1420P	L1420C	
20	250V 3Ø	L15-20	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L1520P	L1520C	

NOTE: Weather Protective Covers and Boots from Cooper Wiring Devices that may be used with these products are described on pages E-71 and E-72 in this section.











L16-20R

# **COMPLIANCE**

Receptacles: (file no. E15058). UL verified to Federal Spec. WC-596; Plugs & Connectors: (file no. E15012). · Certified to CSA C22.2 no.42. Receptacles: (file no. LR6914 (6233-01)). Plugs & Connectors: (file no. LR2081 (6221-02)).

Plugs, Connectors: Polycarbonate & PVC. Meets flammability requirements per UL 94, V2 rated. Temperature Rating: Receptacles: -40°C to 70°C Plugs & Connectors: -20°C to 60°C.













E-39 **DEVICES** 

## **TESTING & CODE COMPLIANCE**

· Listed to UL 498 Receptacles: (file no. E15058); UL verified to Federal Spec. WC-596; Plugs & Connectors: (file no. E15012). · CSA Certified to C22.2 no. 42. Receptacles: (file no. LR6914 (6233-01)),Plugs & Connectors: (file no. LR2081 (6221-02)). · NOM Certified,

# except as noted.

**MATERIAL** 

**CHARACTERISTICS** Receptacles: Nylon. Plugs, Connectors: Polycarbonate. Meets flammability requirements per UL 94, V2 rated. Temperature Rating: Receptacles: -40°C to 70°C. Plugs & Connectors: -20°C to 60°C.





# **Commercial Specification Grade Locking Devices**

3 Pole, 4 Wire Grounding NEMA L14-30, 30A 125/250V NEMA L15-30, 30A 250V 3Ø NEMA L16-30, 30A 480V 3Ø NEMA L17-30, 30A 600V 3Ø

# 30A 3 Pole, 4 Wire **Commercial Specification Grade Receptacles**

## **FEATURES**

Rating Α

30

30

30

V/AC

125/250

250V 3Ø

480V 3Ø

- Rugged nylon face and body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.

**Commercial Specification Grade Receptacles** 

NEMA

L14-30

L15-30

L16-30

- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips in the U.S.

Catalog No.

L1430R

L1530R

L1630R\*

L1730R\*

\*Not NOM

Color

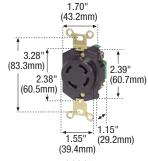
Black

Black

Black

## 1.70" (43.2mm)3.28 2.39" (83.3mm) (60.7mm)2.38 (60.5mm) 1.15 (29.2mm)1.55" (39.4mm)

L1430R



L1630R

## L17-30 Black 30 600V 3Ø Single 30A 3 Pole, 4 Wire Commercial Specification Grade **Locking Plugs and Connectors**

## **FEATURES**

- Abuse resistant thermoplastic construction.
- Back wire Dead-Front design.
- External cable clamp provides firm strain relief.
- Back wire terminal clamps for easy secure wiring.
- Individual wiring compartments with tapered channel for easy insertion of wires.
- Triple combination head screws standard slot/Phillips/Robertson for use in the U.S. and Canada.
- Clear cover over wiring compartments allow easy inspection of wiring terminations.
- Clearly marked rating, NEMA configuration and standard compliances on face of plug or connector.



L1430P

## **Commercial Specification Grade Locking Plugs and Connectors**

Rat	Rating		Description/	Description/		
Α	V/AC	NEMA	Cord Diameter	Color	Plug	Connector
30	125/250	L14-30	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L1430P	L1430C
30	250V 3Ø	L15-30	Straight: 0.25"-0.69" (6.35mm-17.5mm)	0		L1530C
30	480V 3Ø	L16-30	Straight: 0.25"-0.69" (6.35mm-17.5mm)	Black & White	L1630P	L1630C

Description

Single

Single

Single

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on pages E-71 in this section.







L15-30P









L14-30P

L14-30R

L15-30R

L16-30P L16-30R

L17-30R



# **Commercial Specification Grade Locking Devices**

4 Pole, 4 Wire Non-Grounding NEMA L18-20, 20A 120/208V 3ØY NEMA L19-20, 20A 277/480V 3ØY NEMA L20-20, 20A 347/600V 3ØY NEMA L18-30, 30A 120/208V 3ØY NEMA L19-30, 30A 277/480V 3ØY NEMA L20-30, 30A 347/600V 3ØY





INDUSTRIAL COMMERCIAL

E-40 **DEVICES** 

# 20A 4 Pole, 4 Wire Commercial **Specification Grade Receptacles**

### **FEATURES**

- Rugged nylon face and body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips.

# **Commercial Specification Grade Receptacles**

Rating								
Α	V/AC	NEMA	Description	Color	Catalog No.			
20	120/208V 3ØY	L18-20	Single	Black	L1820R			
20	277/480V 3ØY	L19-20	Single	Black	L1920R			
20	347/600V 3ØY	L20-20	Single	Black	L2020R			

# 30A 4 Pole, 4 Wire **Commercial Specification Grade Receptacles**

## **FEATURES**

- Rugged nylon face and body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for easy secure wiring.
- Combination head screws standard slot/Phillips.



1.70" (43.2mm)

1.55"

(39.4mm)L1930R 2.39" (60.7mm)

1.15

(29.2mm)

3.281

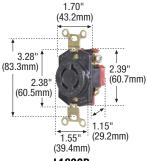
2.38 (60.5mm)

(83.3mm)

## **Commercial Specification Grade Receptacles**

Ratir	ıg				
Α	V/AC	NEMA	Description	Color	Catalog No.
30	120/208V 3ØY	L18-30	Single	Black	L1830R
30	277/480V 3ØY	L19-30	Single	Black	L1930R
30	347/600V 3ØY	L20-30	Single	Black	L2030R

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.



L1820R



L1920R



# MATERIAL CHARACTERISTICS

**TESTING & CODE** 

· Listed to UL 498

COMPLIANCE

Nylon. Meets flammability requirements per UL 94, V2 rated. Temperature Rating: -40°C to 70°C.







L20-20R











E-41
LOCKING
DEVICES

# TESTING & CODE COMPLIANCE

- · Listed to UL 498 (file no. E15058). UL verified to Federal Spec. WC-596.
- · Meets all CSA requirements, CSA Certified C22.2 no. 42. (file no. LR6914 (6233-01)).
- · NOM Certified.

# MATERIAL CHARACTERISTICS

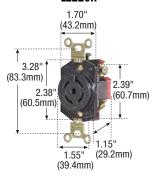
Nylon. Meets flammability requirements per UL 94, V2 rated. Temperature Rating: -40°C to 70°C.

# 1.70" (43.2mm) 3.28" (83.3mm) 2.38" (60.5mm) (60.5mm) 1.15" (29.2mm) (39.4mm)

## L2120R



## L2220R



## L2320R



# Commercial Specification Grade Locking Devices

4 Pole, 5 Wire Grounding NEMA L21-20/30, 20/30A 120/208V 3ØY NEMA L22-20/30, 20/30A 277/480V 3ØY NEMA L23-20/30, 20/30A 347/600V 3ØY

# 20A 4 Pole, 5 Wire Commercial Specification Grade Receptacles

### **FEATURES**

- Rugged nylon face and body.
- Clearly marked rating, NEMA configuration and approval listings on receptacle face.
- One piece brass contacts offer superior performance and minimum heat rise.
- Back wire terminal clamps for secure wiring.
- Combination head screws standard slot/Phillips.

### **Commercial Specification Grade Receptacles** Rating V/AC **NEMA** Description Catalog No. Α Color 20 120/208V 3Ø Y L21-20 Black L2120R Single 20 277/480V 3ØY L22-20 Single Black L2220R 20 L2320R 347/600V 3ØY L23-20 Black Single

# 30A 4 Pole, 5 Wire Commercial Specification Grade Receptacles

### **Commercial Specification Grade Receptacles** Rating Α V/AC NEMA Description Color Catalog No. 30 120/208V 3ØY L21-30 Single Black L2130R 30 L22-30 L2230R 277/480V 3ØY Single Black 30 347/600V 3ØY L23-30 Single Black L2330R

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.













L21-20R

L22-20R

L23-20R

L21-30R

L22-30R

L23-30R



# Industrial Specification Grade Flat Cable Hart-Lock® Locking Devices

4 Pole, 5 Wire Grounding NEMA L21-20, 20A 120/208V 3ØY NEMA L21-30, 30A 120/208V 3ØY Non-NEMA, 20/10A 250V/600V

# 30A 4 Pole, 5 Wire Industrial Specification Grade Receptacles

## **FEATURES**

- Designed to securely clamp 5 wires and up to #10 flat cables.
- Solves convention, exhibit high traffic area applications.
- Nylon housing suitable for 75°C/167°F continuous use.

2.31" (58.7mm)	
	2.75" (69.9mm)
<b>←</b> 2.19" →	<u></u>
(55.6mm)	

L2120PF

Safety	Safety Grip™ Flat Cable Plugs and Connectors								
Rating		Catalog No.							
A	V/AC	NEMA	Description	Color	Plug	Connector			
20	120/208V 3ØY	L21-20	Flat Cable	Gray	L2120PF	L2120CF			
30	120/208V 3ØY	L21-30	Flat Cable	Gray	L2130PF	L2130CF			
20/10	250/600	Non-NEMA	Convention Center	Gray	3521F	3523F			

INDUSTRIAL COMMERCIAL

E-42
LOCKING
DEVICES













PLUG RECEPTACLE
NON-NEMA
20A 250V 20A 250V
10A 600V 10A 600V

L21-20P L21-20R

L21-30P

L21-30R



MATERIAL CHARACTERISTICS Nylon.

Temperature Rating: -40°C to 75°C.



E-43 **DEVICES** 

## **TESTING & CODE COMPLIANCE**

- · Listed to UL 498 (file no. E3663).
- · cUL Certified for Canada to CSA C22.2 no. 42 (file no. E3663).

# ΜΔΤΕΡΙΔΙ **CHARACTERISTICS**

Thermoplastic elastomeric (TPE) exterior. Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.





# Industrial **Specification Grade Insulated Hart-Lock® Locking Devices**

2 Pole. 3 Wire 15, 20, 30A NEMA L5-15/20/30, 125V NEMA L6-15/20/30, 250V NEMA L7-15/20/30, 277V NEMA L8-20/30, 480V

# **Insulated Industrial Specification Grade Locking Plugs and Connectors**

2 Pole 3 Wire Watertight Industrial Specification Grade Locking Plugs and Connectors

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

(19.05mm-25.4mm)

(19.05mm-25.4mm)

(19.05mm-25.4mm)

(19.05mm-25.4mm) 0.375"-1.000"

(19.05mm-25.4mm)

(19.05mm-25.4mm) 0.375"-1.000"

(19.05mm-25.4mm)

(19.05mm-25.4mm) 0.375"-1.000"

(19.05mm-25.4mm)

(19.05mm-25.4mm)

(19.05mm-25.4mm)

Cord

**Diameter** 

### **FEATURES**

Rating

15

15

15

20

20

20

20

30

30

30

30

V/AC

125

250

277

125

250

277

480

125

250

277

480

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture, chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Connector and plug exteriors can be exchanged to shroud plug blades.

NEMA

L5-15

L6-15

L7-15

L5-20

L6-20

L7-20

L8-20

L5-30

L6-30

L7-30

L8-30

■ Available closure cap can be used on plug or connector to protect from abuse, dirt or moisture.

**Wire Gauge** 

18-12 AWG

18-12 AWG

18-12 AWG

14-10 AWG

14-10 AWG

14-10 AWG

14-10 AWG

12-8 AWG

12-8 AWG

12-8 AWG

12-8 AWG

■ High visibility safety yellow for identification.

Catalog No.

Connector

2547

2549

2534

L520CY

L620CY

L720CY

L820CY

L530CY

L630CY

L730CY

L830CY

- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Stainless steel assembly and cord grip screws for corrosion resistance.

Plug

2447

2449

2434

L520PY

L620PY

L720PY

L820PY

L530PY

L630PY

L730PY

L830PY

Color

Yellow

## L520PY

2.39" -

(60.7mm)



L520CY



2447

1.69" (42.9mm)

2.861 (72.6mm)

G G S















L5-15P



L6-20P



L6-20R



L7-30P

L6-15R Ç<sub>c</sub>

L7-15P

L6-30P





L7-20P

L5-20P





2.77"

(70.4mm)

L5-30P













L7-20R



# **Industrial Specification Grade Insulated Hart-Lock® Locking Devices**

3 Pole, 3 Wire NEMA L10-20, 20A 125/250V NEMA L11-20, 20A 250V 3Ø NEMA L10-30, 30A 125/250V NEMA L11-30, 30A 250V 3Ø Non-NEMA 30A 125/250V Non-NEMA 20A 125/250V



INDUSTRIAL COMMERCIAL

E-44 **DEVICES** 

# **Insulated Industrial Specification Grade Locking Plugs and Connectors**

3 Pole, 3 Wire Insulated Industrial Specification Grade Locking Plugs and Connectors

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

0.375"-1.000"

(19.05mm-25.4mm)

(19.05mm-25.4mm)

(19.05mm-25.4mm)

(19.05mm-25.4mm)

(19.05mm-25.4mm)

(19.05mm-25.4mm)

Wire Gauge Diameter

14-10 AWG

14-10 AWG

14-10 AWG

12-8 AWG

12-8 AWG

12-8 AWG

## **FEATURES**

Rating

Α

20

20

20

30

30

30

V/AC

125/

250

125/

250

250V

125/

250

125/

250

250V

3Ø

3Ø

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture, chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Connector and plug exteriors can be reversed to shroud plug blades.

**NEMA** 

Non-

NEMA

L10-20

L11-20

L10-30

Non-

NEMA

L11-30

- Available closure cap can be used on plug or connector to protect from abuse, dirt or moisture.
- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Stainless steel assembly and cord grip screws for corrosion resistance.

Plug

9965PY

L1020PY

L1120PY

L1030PY

L3331PY

L1130PY

Connector

9965CY\*

L1020CY

L1120CY

L1030CY

L3333CY

L1130CY

Color

Yellow

Yellow

Yellow

Yellow

Yellow

Yellow



L1020PY

# 2 39" (60.7mm)3.86" L1020CY





















L11-30R



L1130CY



**NON-NEMA** 20A 125V/250V

RECEPTACLE

**NON-NEMA** 

20A 125V/250V

**PLUG NON-NEMA** 30A 125/250V

RECEPTACLE **NON-NEMA** 

30A 125/250V



**TESTING & CODE COMPLIANCE** 

· Listed to UL 498 (file no. E3663).

## MATERIAL CHARACTERISTICS

Thermoplastic elastomeric (TPE) exterior. Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.



E-45 LOCKING **DEVICES** 

# **TESTING & CODE COMPLIANCE**

- · Listed to UL 498 (file no. E3663). · cUL Certified for
- Canada to CSA C22.2 no. 42 (file no. E36637).

## MATERIAL **CHARACTERISTICS**

Thermoplastic elastomeric (TPE) exterior, Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.





# **Industrial Specification Grade Insulated Hart-Lock® Locking Devices**

3 Pole, 4 Wire Grounding 20. 30A NEMA L14-20/30, 125/250V NEMA L15-20/30, 250V 3Ø NEMA L16-20/30, 480V 3Ø NEMA L17-30, 600V 3Ø

# **Insulated Industrial Specification Grade Locking Plugs and Connectors**

### **FEATURES**

3Ø

3Ø

3Ø

480V

600V

L16-30

L17-30

12-8 AWG

12-8 AWG

30

30

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture, chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Connector and plug exteriors can be reversed to shroud plug blades.
- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Stainless steel assembly and cord grip screws for corrosion resistance.

# (60.7mm)3.86" (98.0mm)

L1420CY

2.39"



L1630PY

### Rating Cord Catalog No. Α V/AC NEMA Wire Gauge Diameter Color Plug Connector 20 125/ L14-20 14-10 AWG 0.625"-1.156" Yellow L1420PY L1420CY 250 (15.90mm-29.36mm) 20 250V L15-20 0.625"-1.156" L1520CY 14-10 AWG Yellow L1520PY 3Ø (15.90mm-29.36mm) 20 480V L16-20 14-10 AWG 0.625"-1.156" Yellow L1620PY L1620CY 3Ø (15.90mm-29.36mm) 30 125/ L14-30 12-8 AWG 0.625"-1.156" Yellow L1430PY L1430CY 250 (15.90mm-29.36mm) 30 250V L15-30 12-8 AWG 0.625"-1.156" Yellow L1530PY L1530CY

(15.90mm-29.36mm)

(15.90mm-29.36mm)

(15.90mm-29.36mm)

Yellow

Yellow

L1630PY

L1730PY

L1630CY

L1730CY

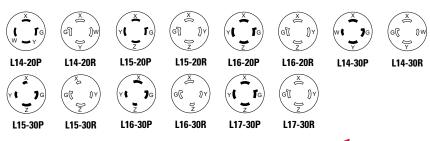
0.625"-1.156"

0.625"-1.156"

3 Pole, 4 Wire Insulated Industrial Specification Grade Locking Plugs and Connectors









# Industrial Specification Grade Insulated Hart-Lock® Locking Devices

4 Pole, 4 Wire Non-Grounding 20, 30A Non-NEMA, 20A, 30A 120/208V 3ØY NEMA L18-20/30, 120/208V 3ØY NEMA L19-20/30, 277/480V 3ØY NEMA L20-20/30, 347/600V 3ØY



INDUSTRIAL COMMERCIAL

E-46
LOCKING
DEVICES

# Insulated Industrial Specification Grade Locking Plugs and Connectors

## **FEATURES**

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture, chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Connector and plug exteriors can be reversed to shroud plug blades.
- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Stainless steel assembly and cord grip screws for corrosion resistance.

## 4 Pole, 4 Wire Insulated Industrial Specification Grade Locking Plugs and Connectors

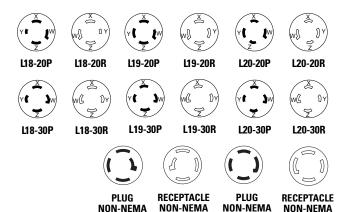
Rat A	ing V/AC	NEMA	Wire Gauge	Cord Diameter	Color	Catal Plug	og No. Connector
20	120/ 208V 3ØY	Non- NEMA	14-10 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	7411PY	7411CY
20	120/ 208V 3ØY	L18-20	14-10 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L1820PY	L1820CY
20	277/ 480V 3ØY	L19-20	14-10 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L1920PY	L1920CY
20	347/ 600V 3ØY	L20-20	14-10 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L2020PY	L2020CY
30	120/ 208V 3ØY	Non- NEMA	12-8 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	3431PY	3431CY
30	120/ 208V 3ØY	L18-30	12-8 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L1830PY	L1830CY
30	277/ 480V 3ØY	L19-30	12-8 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L1930PY	L1930CY
30	347/ 600V 3ØY	L20-30	12-8 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L2030PY	L2030CY



L1820PY



L1820CY



20A 120/208V

3ØY

20A 120/208V

3ØY

30A 120/208V

3ØY

30A 120/208V

3ØY



# TESTING & CODE COMPLIANCE

· Listed to UL 498 (file no. E3663).

# MATERIAL CHARACTERISTICS

Thermoplastic elastomeric (TPE) exterior. Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.



E-47 LOCKING **DEVICES** 

## **TESTING & CODE COMPLIANCE**

· Listed to UL 498 (file no. E3663). · cUL Certified for Canada to CSA C22.2 no. 42 (file no. E3663).

## **MATERIAL CHARACTERISTICS**

Thermoplastic elastomeric (TPE) exterior. Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.





# **Industrial Specification Grade Insulated Hart-Lock® Locking Devices**

4 Pole, 5 Wire Grounding 20. 30A NEMA L21-20/30, 120/208V 3ØY NEMA L22-20/30, 277/480V 3ØY NEMA L23-20/30, 347/600V 3ØY

# **Insulated Industrial Specification Grade Locking Plugs and Connectors**

## **FEATURES**

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture, chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Connector and plug exteriors can be reversed to shroud plug blades.
- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Stainless steel assembly and cord grip screws for corrosion resistance.

## 4 Pole, 5 Wire Grounding Insulated Industrial Spec. Grade Locking Plugs and Connectors

Rat	ing			Cord		Cata	og No.
Α	V/AC	NEMA	Wire Gauge	Diameter	Color	Plug	Connector
20	120/ 208V 3ØY	L21-20	14-10 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L2120PY	L2120CY
20	277/ 480V 3ØY	L22-20	14-10 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L2220PY	L2220CY
20	347/ 600V 3ØY	L23-20	14-10 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L2320PY	L2320CY
30	120/ 208V 3ØY	L21-30	12-8 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L2130PY	L2130CY
30	277/ 480V 3ØY	L22-30	12-8 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L2230PY	L2230CY
30	347/ 600V 3ØY	L23-30	12-8 AWG	0.625"-1.156" (15.90mm-29.36mm)	Yellow	L2330PY	L2330CY

# 2.39" -(60.7mm)2.86" (72.6mm)

L2120PY



L2120CY

# **Closure Caps**

## **FEATURES**

■ Fits insulated plugs and connectors to protect from dirt and moisture.

Closure Caps	
Description	Catalog No.
Closure cap for 20A devices	20PW#
Closure cap for 30A devices	30PW#

# not UL or cUL listed

















L21-20P

L23-20P

L21-20R

L22-20P

L22-20R

L23-20R

L21-30P

L21-30R



L23-30R

L22-30P

9 L22-30R

v(G Q D)\

L23-30P

**COOPER** Wiring Devices

# **Industrial Specification Grade Watertight Hart-Lock® Locking Devices**

2 Pole, 3 Wire 15. 20. 30A NEMA L5-15/20/30, 125V NEMA L6-15/20/30, 250V NEMA L7-15/20/30, 277V NEMA L8-20/30, 480V







INDUSTRIAL COMMERCIAL

E-48 LOCKING **DEVICES** 

# **Watertight Industrial Specification Grade Locking Plugs and Connectors**

## **FEATURES**

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture. chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Mated plug and connector form a watertight seal that meets the requirements of NEMA 3R, 4X, IEC IP67 and withstands water spray test at 800 psi.
- Connector supplied with closure cap for watertight seal when connector not in use. Optional closure cap for plugs available.
- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Quick drive, stainless steel assembly screws for corrosion resistance and fast installation.
- Color coded neoprene grommets for a watertight seal on a wide range of cord sizes.



24W47

### Rating Cord Catalog No. V/AC **NEMA Wire Gauge Diameter** Color Plug Connector 15 125 L5-15 18-12 AWG 0.30"-0.65" Yellow 24W47 25W47 (7.6mm-16.5mm) 15 250 0.30"-0.65" Yellow L6-15 18-12 AWG 24W49 25W49 (7.6mm-16.5mm) 15 277 L7-15 0.30"-0.65" 18-12 AWG Yellow 24W34 25W34 (7.6mm-16.5mm) 20 125 L5-20 0.36"-0.84" 14-10 AWG Yellow L520PW L520CW (9.1mm-21.3mm) 20 250 L6-20 14-10 AWG 0.36"-0.84" Yellow L620PW L620CW (9.1mm-21.3mm) 20 277 L7-20 14-10 AWG 0.36"-0.84" Yellow L720PW L720CW (9.1mm-21.3mm) 20 480 L8-20 0.36"-0.84" 14-10 AWG Yellow L820PW L820CW (9.1mm-21.3mm) 125 0.43"-1.15" 30 L5-30 12-8 AWG Yellow L530PW L530CW (10.9mm-29.2mm) 250 0.43"-1.15" 30 L6-30 12-8 AWG Yellow L630PW L630CW (10.9mm-29.2mm) 30 277 L7-30 12-8 AWG 0.43"-1.15" Yellow L730PW L730CW (10.9mm-29.2mm)

2 Pole 3 Wire Watertight Industrial Specification Grade Locking Plugs and Connectors



2.49" (63.2mm)

L620PW



2.49" (63.2mm) 5.42" (137.7mm)

**L620CW** 

# (file no. E36637). MATERIAL CHARACTERISTICS Thermoplastic

C22.2 no. 42

**TESTING & CODE COMPLIANCE** 

· Listed to UL 498 (file no. E3663).

· cUL Certified for Canada to CSA

elastomeric (TPE) exterior. Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.



L6-20P

480

30



L5-15R

ΧØ

D'

L6-20R

L8-30



L6-15P

L7-20P

12-8 AWG



L7-20R

0.43"-1.15"

(10.9mm-29.2mm)





Yellow



L830PW



L830CW

L5-20P L5-30P L5-30R

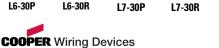


L8-30P



L8-30R

L8-20R





E-49 **DEVICES** 



# Industrial **Specification Grade Watertight Hart-Lock® Locking Devices**

3 Pole, 3 Wire Non-Grounding 20.30A Non-NEMA, 20/30A 125/250V NEMA L10-20/30, 125/250V NEMA L11-20/30, 250V 3Ø

# **Watertight Industrial Specification Grade Locking Plugs and Connectors**

## **FEATURES**

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture, chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Mated plug and connector form a watertight seal that meets the requirements of NEMA 3R, 4X, IEC IP67 and withstands water spray test at 800 psi.
- Connector supplied with closure cap for watertight seal when connector not in use. Optional closure cap for plugs available.
- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Quick drive, stainless steel assembly screws for corrosion resistance and fast installation.
- Color coded neoprene grommets for a watertight seal on a wide range of cord sizes.



L1020PW



L1020CW

## 3 Pole 3 Wire Watertight Industrial Specification Grade Locking Plugs and Connectors

Rati	ng			Cord		Catalog No.	
Α	V/AC	NEMA	Wire Gauge	Diameter	Color	Plug	Connector
20	125/ 250	Non- NEMA	14-10 AWG	0.36"-0.84" (9.1mm-21.3mm)	Yellow	9965PW	9965CW*
20	125/ 250	L10-20	14-10 AWG	0.36"-0.84" (9.1mm-21.3mm)	Yellow	L1020PW	L1020CW
20	250V 3Ø	L11-20	14-10 AWG	0.36"-0.84" (9.1mm-21.3mm)	Yellow	L1120PW	L1120CW
30	125/ 250	L10-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L1030PW	L1030CW
30	125/ 250	Non- NEMA	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L3331PW	L3333CW
30	250V 3Ø	L11-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L1130PW	L1130CW

## **TESTING & CODE** COMPLIANCE

· Listed to UL 498 (file no. E3663).

## MATERIAL **CHARACTERISTICS**

Thermoplastic elastomeric (TPE) exterior, Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.



L10-20R



L11-20P





L10-30P



L10-30R





L11-30P



L11-30R



**PLUG** 

NON-NFMA

RECEPTACLE NON-NEMA 20A 125V/250V

20A 125V/250V



PHIG NON-NEMA 30A 125/250V



RECEPTACIE NON-NEMA 30A 125/250V



# Industrial Specification Grade Watertight Hart-Lock® Locking Devices

3 Pole, 4 Wire Grounding 20, 30A NEMA L14-20/30, 125/250V NEMA L15-20/30, 250V 3Ø NEMA L16-20/30, 480V 3Ø NEMA L17-30, 600V 3Ø







INDUSTRIAL COMMERCIAL

E-50
LOCKING
DEVICES

# Watertight Industrial Specification Grade Locking Plugs and Connectors

## **FEATURES**

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture, chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Mated plug and connector form a watertight seal that meets the requirements of NEMA 3R, 4X, IEC IP67 and withstands water spray test at 800 psi.
- Connector supplied with closure cap for watertight seal when connector not in use.
   Optional closure cap for plug available.
- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Quick drive, stainless steel assembly screws for corrosion resistance and fast installation.
- Color coded neoprene grommets for a watertight seal on a wide range of cord sizes.

# 3 Pole, 4 Wire Grounding Watertight Industrial Spec. Grade Locking Plugs and Connectors

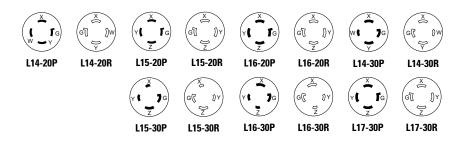
Rati	ng			Cord		Catalo	g No.
Α	V/AC	NEMA	Wire Gauge	Diameter	Color	Plug	Connector
20	125/ 250	L14-20	14-10 AWG	0.36"84" (9.1mm-21.3mm)	Yellow	L1420PW	L1420CW
20	250V 3Ø	L15-20	14-10 AWG	0.36"84" (9.1mm-21.3mm)	Yellow	L1520PW	L1520CW
20	480V 3Ø	L16-20	14-10 AWG	0.36"84" (9.1mm-21.3mm)	Yellow	L1620PW	L1620CW
30	125/ 250	L14-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L1430PW	L1430CW
30	250V 3Ø	L15-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L1530PW	L1530CW
30	480V 3Ø	L16-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L1630PW	L1630CW
30	600V 3Ø	L17-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L1730PW	L1730CW



L1420PW



L1420CW





# TESTING & CODE COMPLIANCE

· Listed to UL 498 (file no. E3663). · cUL Certified for Canada to CSA C22.2 no. 42 (file no. E3663).

# MATERIAL CHARACTERISTICS

Thermoplastic elastomeric (TPE) exterior. Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.



# E-51 LOCKING DEVICES



L1820PW



L1820CW

30 347/

20A 120/208V

# TESTING & CODE COMPLIANCE

· Listed to UL 498 (file no. E3663).

# MATERIAL CHARACTERISTICS

Thermoplastic elastomeric (TPE) exterior. Glass filled nylon and glass filled polypropylene interior. Temperature Rating: -40°C to 75°C.

# (UL)

# Industrial Specification Grade Watertight Hart-Lock® Locking Devices

4 Pole, 4 Wire Non-Grounding 20, 30A Non-NEMA, 20A, 30A 120/208V 3ØY NEMA L18-20/30, 120/208V 3ØY NEMA L19-20/30, 277/480V 3ØY NEMA L20-20/30, 600V 3ØY

# Watertight Industrial Specification Grade Locking Plugs and Connectors

## **FEATURES**

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture, chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Mated plug and connector form a watertight seal that meets the requirements of NEMA 3R, 4X, IEC IP67 and withstands water spray test at 800 psi.
- Connector supplied with closure cap for watertight seal when connector not in use.
   Optional closure cap for plugs available.

L20-30

20A 120/208V

- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Quick drive, stainless steel assembly screws for corrosion resistance and fast installation.
- Color coded neoprene grommets for a watertight seal on a wide range of cord sizes.

### Rating Cord Catalog No. **NEMA** Wire Gauge Α V/AC **Diameter** Color Plug Connector 14-10 AWG 0.36"-0.84" 20 120/ Non-Yellow 7411PW 7411CW 208V 3ØY NEMA (9.1mm-21.3mm) L18-20 14-10 AWG 0.36"-0.84" 20 120/ Yellow L1820PW L1820CW 208V 3ØY (9.1mm-21.3mm) 20 277/ L19-20 14-10 AWG 0.36"-0.84" L1920PW L1920CW Yellow 480V 3ØY (9.1mm-21.3mm) 20 347/ L20-20 14-10 AWG 0.36"-0.84" Yellow L2020PW L2020CW 600V 3ØY (9.1mm-21.3mm) 30 120/ 12-8 AWG 0.43"-1.15" 3431PW 3431CW Non-Yellow 208V 3ØY NEMA (10.9mm-29.2mm) 30 120/ L18-30 12-8 AWG 0.43"-1.15" Yellow L1830PW L1830CW 208V 3ØY (10.9mm-29.2mm) 0.43"-1.15" 30 277/ L19-30 12-8 AWG Yellow L1930PW L1930CW 480V 3ØY (10.9mm-29.2mm)

0.43"-1.15"

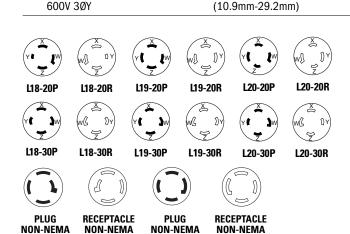
30A 120/208V

Yellow

L2030PW

L2030CW

4 Pole, 4 Wire Watertight Industrial Specification Grade Locking Plugs and Connectors



30A 120/208V

12-8 AWG



# **Industrial Specification Grade Watertight Hart-Lock® Locking Devices**

4 Pole, 5 Wire Grounding 20.30A NEMA L21-20/30, 120/208V 3ØY NEMA L22-20/30, 277/480V 3ØY NEMA L23-20/30, 600V 3ØY







## **FEATURES**

- Thermoplastic elastomeric exteriors outperform rubber when exposed to moisture. chemicals, oils, and the effects of ultraviolet radiation and ozone attack.
- Mated plug and connector form a watertight seal that meets the requirements of NEMA 3R, 4X, IEC IP67 and withstands water spray test at 800 psi.
- Connector supplied with closure cap for watertight seal when connector not in use. Optional closure cap for plugs available.
- High visibility safety yellow for identification.
- Contacts, blades and terminal screws nickel plated for corrosion resistance.
- Quick drive, stainless steel assembly screws for corrosion resistance and fast installation.
- Color coded neoprene grommets for a watertight seal on a wide range of cord sizes.



L2120PW

INDUSTRIAL COMMERCIAL

E-52 LOCKING **DEVICES** 

**TESTING & CODE COMPLIANCE** · Listed to UL 498 (file no. E3663). · cUL Certified for Canada to CSA

C22.2 no. 42

(file no. E3663).

WM126, WM127,

WM128, not UL or cUL Listed.

MATERIAL **CHARACTERISTICS** Thermoplastic

elastomeric (TPE) exterior.

Glass filled nylon and glass filled

-40°C to 75°C.

polypropylene interior. Temperature Rating:

20CW, 30CW, WM125,

· 20PW, 30PW,

## 4 Pole, 5 Wire Grounding Watertight Industrial Grade Locking Plugs and Connectors

Rat A	ing V/AC	NEMA	Wire Gauge	Cord Diameter	Color	Catalog No. Plug	Connector
20	120/ 208V 3ØY	L21-20	14-10 AWG	0.36"-0.84" (9.1mm-21.3mm)	Yellow	L2120PW	L2120CW
20	277/ 480V 3ØY	L22-20	14-10 AWG	0.36"-0.84" (9.1mm-21.3mm)	Yellow	L2220PW	L2220CW
20	347/ 600V 3ØY	L23-20	14-10 AWG	0.36"-0.84" (9.1mm-21.3mm)	Yellow	L2320PW	L2320CW
30	120/ 208V 3ØY	L21-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L2130PW	L2130CW
30	277/ 480V 3ØY	L22-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L2230PW	L2230CW
30	347/ 600V 3ØY	L23-30	12-8 AWG	0.43"-1.15" (10.9mm-29.2mm)	Yellow	L2330PW	L2330CW



L2120CW

Closure Caps						
Description	Catalog No.					
20A Plug closure cap	20PW					
30A Plug closure cap	30PW					
20A Conn Replacement cap	20CW					
30A Conn Replacement cap	30CW					



**20PW** 

### Wire Mesh Grips **Description** Catalog No. 0.375"-0.50" (9.5mm-12.7mm) WM125 0.500"-0.625" (12.7mm-15.9mm) WM126 0.625"-0.750" (15.9mm-19.1mm) WM127 0.750"-0.875" (19.1mm-22.2mm) WM128 0.875-1.00" (22.2-25.4mm) WM129



WM125















L21-30P



L21-30R



L21-20R

L22-20P

L22-20R

L23-20P L23-20R

/(G Q 1)Y

/(G OG 1)Y



L22-30P

L22-30R

L23-30P

L23-30R



# E-53 LOCKING DEVICES

# TESTING & CODE COMPLIANCE

· Listed to UL 498, (file no. E3663) except Outlets (file no. E2369). · CSA Certified to C22.2 no. 42 (file no. LR7087) except 7432, 7433: not CSA Listed.

# MATERIAL CHARACTERISTICS

Glass filled Nylon, Nylon and Phenolic or Phenolic as noted. **Environmental:** Flammability per UL 94 requirements. 7466, 7467, 7468 VO rated. 7432, 7433, 7484. 7593, 7571, 7596, 7595N, 7596N, 7487, 7486N, 7487N V2 rated. Temperature Rating: -40°C to 75°C, except: 7594, 7485, 7465N, 7428N, 7479N, 7429N, 7464, 7427 are -40°C to 95°C; 7468 is -40°C to 105°C; 7466, 7467

are -40°C to 150°C.







7485



7571



7484



7596N



7466

# Industrial Specification Grade Midget Type Hart-Lock® Locking Devices

2 Pole, 2 Wire Non-Grounding 2 Pole, 3 Wire Grounding 3 Pole, 3 Wire Non-Grounding NEMA ML-1, 15A 125V NEMA ML-2, 15A 125V NEMA ML-3, 15A 125V

# 15A Industrial Specification Grade Midget Type Locking Plugs and Connectors

## **FEATURES**

- Rugged nylon housing with phenolic interior.
- Metal cord grip provides strain relief for cable.

Rating Config- Description/ Catalog No.							
V/AC	NEMA	uration	Cord Diameter	Color	Plug	Connector	
125	ML1	2 Pole, 2 Wire	Straight: 0.22"-0.31" (5.5mm-7.9mm)	Black	7465N*		
			Straight: 0.31"-0.50" (7.9mm-12.7mm)	Black	7428N*		
			Straight, polarized: 0.22"-0.31" (5.5mm-7.9mm)	Black	7479N*	7464N*	
			Straight, polarized: 0.31"-0.50" (7.9mm-12.7mm)	Black	7429N*	7427N*	
125	ML2	2 Pole, 3 Wire	Straight: 0.28"-0.42" (7.1mm-10.7mm)	Black	7594*	7593**	
			Angle: 0.25"-0.46" (6.4mm-11.7mm)	Black	7570*	7571**	
125	ML3	3 Pole, 3 Wire	Straight: 0.28"-0.42" (7.1mm-10.7mm)	Black	7485*	7484**	
			Angle: 0.25"-0.46" (6.4mm-11.7mm)	Black	7432*	7433**	
	125 125	125 ML1  125 ML2	V/AC NEMA uration  125 ML1 2 Pole, 2 Wire  125 ML2 2 Pole, 3 Wire  125 ML2 3 Pole, 3 Wire	V/AC         NEMA         uration         Cord Diameter           125         ML1         2 Pole, 2 Wire         Straight: 0.22"-0.31" (5.5mm-7.9mm)           Straight: 0.31"-0.50" (7.9mm-12.7mm)         Straight, polarized: 0.22"-0.31" (5.5mm-7.9mm)           Straight, polarized: 0.31"-0.50" (7.9mm-12.7mm)         Straight, polarized: 0.31"-0.50" (7.9mm-12.7mm)           125         ML2         2 Pole, 3 Wire         Straight: 0.28"-0.42" (7.1mm-10.7mm)           Angle: 0.25"-0.46" (6.4mm-11.7mm)         Straight: 0.28"-0.42" (7.1mm-10.7mm)           125         ML3         3 Pole, 3 Wire         Straight: 0.28"-0.42" (7.1mm-10.7mm)           125         ML3         3 Pole, 3 Wire         O.25"-0.46" (7.1mm-10.7mm)           125         ML3         3 Pole, 3 Wire         O.25"-0.46" (7.1mm-10.7mm)	V/AC         NEMA         uration         Cord Diameter         Color           125         ML1         2 Pole, 2 Wire         Straight: 0.22"-0.31" (5.5mm-7.9mm)         Black (7.9mm-12.7mm)           Straight: 0.31"-0.50" (7.9mm-12.7mm)         Black (7.9mm-12.7mm)         Black (7.9mm-12.7mm)           Straight, polarized: 0.22"-0.31" (5.5mm-7.9mm)         Black (7.9mm-12.7mm)         Black (7.9mm-12.7mm)           125         ML2         2 Pole, 3 Wire (7.1mm-10.7mm)         Straight: 0.28"-0.42" (7.1mm-10.7mm)         Black (6.4mm-11.7mm)           125         ML3         3 Pole, 3 Wire (7.1mm-10.7mm)         Angle: 0.25"-0.42" (7.1mm-10.7mm)         Black (7.1mm-10.7mm)	V/AC         NEMA         uration         Cord Diameter         Color         Plug           125         ML1         2 Pole, 2 Wire         Straight: 0.22"-0.31" (5.5mm-7.9mm)         Black 7465N*           Straight: 0.31"-0.50" (7.9mm-12.7mm)         Black 7428N*           Straight, polarized: 0.22"-0.31" (5.5mm-7.9mm)         Black 7479N*           Straight, polarized: 0.31"-0.50" (7.9mm-12.7mm)         Black 7429N*           125         ML2         2 Pole, 3 Wire (7.1mm-10.7mm)         Black 7594*           Angle: 0.25"-0.46" (6.4mm-11.7mm)         Black 7570*           125         ML3         3 Pole, 3 Wire (7.1mm-10.7mm)         Black 7485*           125         ML3         3 Pole, 3 Wire (7.1mm-10.7mm)         Black 7485*           125         ML3         Black 7432*	

# 15A Industrial Specification Grade Midget Type Flanged Inlets and Outlets

## **FEATURES**

Metal housing consists of nickel plated brass.

Mi	Midget Flanged Inlets and Outlet							
Rat A	ing V/AC	NEMA	Config- uration	Description	Color	Catalog Inlet	g No. Outlet	
15	125	ML1	2 Pole, 2 Wire	Standard		7466 #		
				Polarized		7467 #	7468**	
15	125	ML2	2 Pole, 3 Wire	Metal housing		7595*	7596**	
				Nylon housing	Black	7595N**	7596N**	
15	125	ML3	3 Pole, 3 Wire	Metal housing		7468**	7487**	
				Nylon housing	Black	7486N*	7487N**	

- \*Nylon and Phenolic construction
- \*\*Glass filled Nylon construction #Phenolic construction





# **50A Hart-Lock® Locking Devices**

# **Industrial Specification Grade** and Marine Grade Non-NEMA **Configurations**



**←** 2.44" **→** 

(62.0mm)

**-**2.12"→ (53.8mm)63CR70

2.69 (68.3mm)



3.28" (83.3mm)

# **50A Locking Receptacles**

## **FEATURES**

- Rugged glass filled nylon construction stands up to toughest environments.
- Heavy gauge 0.078" (1.98mm) steel shells.
- Tough corrosion resistant finish.
- Rubber parts comply with MIL-R-3065, RG20.
- 7379 is for replacement purposes only, use 3769 in new applications.

# INDUSTRIAL COMMERCIAL

E-54 **DEVICES** 

# 50A Single Receptacles - Pressure Type Terminals, Industrial Specification & Marine Grade

Ratir	Rating							
Α	V/AC	Configuration	Description	Color	Catalog No.			
50	125	2 Pole, 3 Wire	Marine Style	Black	63CR70			
	125	2 Pole, 3 Wire	California Standard	Black	CS6370			
	250	2 Pole, 3 Wire	California Standard	Black	CS8269			
	480	2 Pole, 3 Wire	California Standard	Black	CS8469			
	600V/AC/250V/DC	2 Pole, 3 Wire	Standard	Black	3771			
	125/250	3 Pole, 4 Wire	Marine Style	Black	63CR69			
	125/250	3 Pole, 4 Wire	California Standard	Black	CS6369			
	250V 3Ø AC	3 Pole, 4 Wire	California Standard	Black	CS8369			
	480V 3Ø AC	3 Pole, 4 Wire	California Standard	Black	CS8169			
	600V/AC/250V/DC	3 Pole, 4 Wire	Standard	Black	3769			
	600V/AC/250V/DC	3 Pole, 4 Wire	Standard	Black	7379			

NOTE: Weather Protective Covers from Cooper Wiring Devices that may be used with these products are described on page E-71 in this section.



63CR69



CS8369















3769

RECEPTACLE CS8269

RECEPTACLE CS8169



7379



63CR69



63CR70



RECEPTACLE

RECEPTACLE

RECEPTACLE

RECEPTACLE CS8469

RECEPTACLE 3771

CS6370 CS6369 CS8369 **COOPER** Wiring Devices

## **TESTING & CODE COMPLIANCE**

· Listed to UL 498. · cUL certified to CSA C22.2 no. 42 (file no. E2369).

## **MATERIAL CHARACTERISTICS**

Glass-filled Nylon. **Environmental:** Flammability per UL 94 requirements. V0 rated. Temperature Rating: -40°C to 105°C.



# E-55 **DEVICES**

# **TESTING & CODE COMPLIANCE**

· Listed to UL 498 · cUL Listed to CSA C22.2 no. 42 (file no. E3663).

# MATERIAL **CHARACTERISTICS**

Glass-filled Nylon and Nylon, Plated or Stainless Steel **Environmental:** Flammability per UL 94 requirements, V0 rated. Temperature Rating: -40°C to 95°C.





# 50A Hart-Lock® **Locking Devices**

**Industrial Specification Grade** and Marine Grade Non-NEMA **Configurations** 

# Nylon 50A Locking Plugs and Connectors

Description/

Marine Style

**Cord Diameter** 

California Standard

California Standard

California Standard

California Standard

California Standard

California Standard

Standard

Standard

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used

Standard

Marine Style

AutoGrip™ Nylon 50A Locking Plugs & Connectors, Industrial Specification & Marine Grade

0.68"-1.13" (17.3mm-28.6mm)

### **FEATURES**

Rating

50 125

V/AC

125

250

480

600V/AC/

250VDC

125/250

125/250

250V 3Ø AC

480V 3Ø AC

600V/AC/

250V/DC

600V/AC/

250V/DC

- Internal construction consists of rugged glass reinforced nylon.
- Marine units are corrosion resistant including stainless steel shells.
- Tapered shell minimizes snagging.
- Neoprene gland seals entry of dirt and moisture into device interiors.
- AutoGrip<sup>™</sup> style housing provides dependable internal cable clamp for fast, easy assembly.

Config-

uration

2 Pole,

3 Wire

3 Pole,

4 Wire

- Terminal lugs designed for #6 wire.
- 7764N/7765N are for replacement purposes only. Use 3764N/3765N for new applications.
- Deep, tapered wire wells for positive conductor isolation.

Color

**Black** 

Black

Black

Black

Black

Black

**Black** 

Black

Black

**Black** 

Black

Plug

63CR61N

CS6361N

CS8265N

CS8465N

3763N

63CR65N

CS6365N

CS8365N

CS8165N

3765N

7765N

Catalog No.

Connector

63CR60N

CS6360N

CS8264N

CS8464N

3762N

63CR64N

CS6364N

CS8364N

CS8164N

3764N

7764N

# 5.03" (127.8mm) 2.01 (51.1mm)2.5" (63.5mm)

CS6365N

# 5.12". (130.0mm) 2.0 (50.8mm) 2.5" (63.5mm)

CS6364N



CS8165N



CS8164N







with these products are described on pages E-72 in this section.





CS8265





CS8264

**PLUG** CONNECTOR PLUG CONNECTOR 63CR60 CS6361 63CR61 CS6360



CS8465

CONNECTOR CS8464

**PLUG** 

3763

CONNECTOR

3762

**COOPER** Wiring Devices

# 50A Hart-Lock® **Locking Devices**

# **Industrial Specification Grade** and Marine Grade Non-NEMA **Configurations**







INDUSTRIAL COMMERCIAL

E-56 **LOCKING DEVICES** 

# **Nylon 50A Locking Plugs and Connectors**

## **FEATURES**

- Internal construction consists of rugged glass reinforced nylon.
- Marine units are corrosion resistant including stainless steel shells.
- Neoprene gland seals entry of dirt and moisture into device interiors.
- Safety Grip style housing provides rugged heavy duty external cable clamp.
- Terminal lugs designed for #6 wire.
- 7764E/7765E are for replacement purposes only. Use 3764E/3765E for new applications.
- Deep, tapered wire wells for positive conductor isolation.



CS8165E



CS8164E

# Safety Grip™ Nylon 50A Locking Plugs & Connectors, Industrial Specification & Marine Grade

Rat	Rating Conf		Description/		Catalog No.		
Α	V/AC	uration	Cord Diameter	Color	Plug	Connector	
50	125	2 Pole,	Marine Style	Black	63CR61E	63CR60E	
		3 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	125	2 Pole,	California Standard	Black	CS6361E	CS6360E	
		3 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	250	2 Pole,	California Standard	Black	CS8265E	CS8264E	
		3 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	480	2 Pole,	California Standard	Black	CS8465E	CS8464E	
		3 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	600V/AC/	2 Pole,	Standard	Black	3763E	3762E	
	250VDC	3 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	125/250	3 Pole,	Marine Style	Black	63CR65E	63CR64E	
		4 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	125/250	3 Pole,	California Standard	Black	CS6365E	CS6364E	
		4 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	250V 3Ø AC	3 Pole,	California Standard	Black	CS8365E	CS8364E	
		4 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	480V 3Ø AC	3 Pole,	California Standard	Black	CS8165E	CS8164E	
		4 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	600V/AC/	3 Pole,	Standard	Black	3765E	3764E	
	250V/DC	4 Wire	0.68"-1.13" (17.3mm-28.6mm)				
	600V/AC/	3 Pole,	Standard	Black	7765E	7764E	
	250V/DC	4 Wire	0.68"-1.13" (17.3mm-28.6mm)				

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on pages E-72 in this section.



63CR65



63CR64





CS6364



CS8365



CONNECTOR CS8364







CS6365







7764





**PLUG** 3765

CONNECTOR 3764



CONNECTOR



## **TESTING & CODE COMPLIANCE**

· Listed to UL 498 · cUL Listed to CSA C22.2 no. 42, (file no. E3663).

## MATERIAL **CHARACTERISTICS**

Glass-filled Nylon and Nylon. Plated or Stainless Steel. **Environmental:** Flammability per UL 94 requirements. V0 rated. Temperature Rating: -40°C to 95°C.



E-57 LOCKING **DEVICES** 



· Listed to UL 498 · cUL Listed to CSA C22.2 no. 42, (file no. E3663).

## MATERIAL **CHARACTERISTICS**

Glass-filled Nylon, Plated or Stainless Steel. **Environmental:** Flammability per UL 94 requirements, V0 rated. Temperature Rating: -40°C to 105°C.





# 50A Hart-Lock® **Locking Devices**

# **Industrial Specification Grade** and Marine Grade Non-NEMA **Configurations**

# **Armored 50A Plugs and Connectors**

## **FEATURES**

- Marine units are corrosion resistant including stainless steel shells and housing for added corrosion protection.
- Metal cable clamp provides for large range of cable sizes and durable strain relief.
- Terminal lugs designed for #6 wire.
- 7764/7765 are for replacement purposes only. Use 3764/3765 for new applications.



CS6365



CS6364

### Rating Config-Description/ Catalog No. uration **Cord Diameter** Α V/AC Color Plug Connector 50 125 2 Pole. Marine Style Black 63CR61 63CR60 0.68"-1.13" (17.3mm-28.6mm) 3 Wire 125 2 Pole, California Standard Black CS6361 CS6360 3 Wire 0.68"-1.13" (17.3mm-28.6mm) 250 California Standard 2 Pole, Black CS8265 CS8264 0.68"-1.13" (17.3mm-28.6mm) 3 Wire 480 2 Pole, California Standard Black CS8465 CS8464 3 Wire 0.68"-1.13" (17.3mm-28.6mm) 600V/AC/ 2 Pole, 3762 Standard Black 3763 250VDC 3 Wire 0.68"-1.13" (17.3mm-28.6mm) 125/250 3 Pole, Marine Style 63CR65 63CR64 Black 4 Wire 0.68"-1.13" (17.3mm-28.6mm) 125/250 California Standard CS6365 CS6364 3 Pole, Black 4 Wire 0.68"-1.13" (17.3mm-28.6mm) 250V 3Ø AC 3 Pole, CS8364 California Standard CS8365 Black 4 Wire 0.68"-1.13" (17.3mm-28.6mm) 480V 3Ø AC California Standard 3 Pole, Black CS8165 CS8164 4 Wire 0.68"-1.13" (17.3mm-28.6mm) 600V/AC/ 3 Pole. 3764 Standard Black 3765 250V/DC 4 Wire 0.68"-1.13" (17.3mm-28.6mm) 600V/AC/ 3 Pole, Standard Black 7765 7764 250V/DC 4 Wire 0.68"-1.13" (17.3mm-28.6mm)

Safety Grip™ Nylon 50A Locking Plugs & Connectors, Industrial Specification & Marine Grade

NOTE: Weather Protective Boots from Cooper Wiring Devices that may be used with these products are described on pages E-72 in this section.













CONNECTOR

CS8264



PLUG

CS8465



CONNECTOR

CS8464



**PLUG** 

3763





CONNECTOR 63CR61







P.D

CONNECTOR 3762





CS6365



CS6364



CS8365



CS8364

**PLUG** 

CS8165



CS8164



PLUG

3765



3764

**PLUG** 63CR65

CONNECTOR 63CR64

8 P



**PLUG** 7765

CONNECTOR 7764



# 50A Hart-Lock® **Locking Devices**

# **Industrial Specification Grade** and Marine Grade Non-NEMA **Configurations**





INDUSTRIAL COMMERCIAL

**E-58 LOCKING DEVICES** 

**TESTING & CODE COMPLIANCE** · Listed to UL 498 (file no. E3663); Weather protective covers listed to UL 514A (file no. E2458). · cUL Listed to CSA C22.2 no. 42

(file no. E3663).

Weather protective covers cUL listed

to CSA C22.2 no. 18 (file no. E3663).

# **50A Flanged Inlets, Industrial Specification Grade**

## **FEATURES**

- Internal construction consists of rugged glass reinforced nylon.
- Rugged metal shells and housings consist of corrosion resistant plated steel.
- Available with UL approved weather protective lid.
- Back wired for quick and dependable conductor termination.
- Terminal lugs designed for #6 wire.
- 7958/7968 are for replacement purposes only. Use 3768/3775 for new applications.
- Deep, tapered wire wells for positive conductor isolation.

50	50A Flanged Inlets, Industrial Specification Grade							
Rat A	ing V/AC	Configuration	Description	Color	Cat Inlet	alog No. Inlet with Lid		
50	125	2 Pole, 3 Wire	California Standard	Black	CS6377	CS6378		
	250	2 Pole, 3 Wire	California Standard	Black	CS8275	CS8277		
	480	2 Pole, 3 Wire	California Standard	Black	CS8475	CS8477		
	600V/AC/ 250V/DC	2 Pole, 3 Wire	Standard	Black	3777	3767	(53	
	125/250VAC	3 Pole, 4 Wire	California Standard	Black	CS6375	CS6376		
	250V 3Ø AC	3 Pole, 4 Wire	California Standard	Black	CS8375	CS8377		
	480V 3Ø AC	3 Pole, 4 Wire	California Standard	Black	CS8175	CS8177		
	600V/AC/ 250V/DC	3 Pole, 4 Wire	Standard	Black	3775	3768		
	600V/AC/	3 Pole, 4 Wire	Standard	Black	7958	7968		



3.50"

CS6376

250V/DC











OUTLET



INLET

3777



OUTLET

3767

INLET CS6377

OUTLET CS6378

INLET CS8275

OUTLET CS8277

P.D

INLET CS8475



· 1



8 P

INLET CS6375

OUTLET CS6376

INLET CS8375

OUTLET CS8377

INLET CS8175

OUTLET CS8177

INLET 3775 OUTLET 3768





INLET 7958

OUTI FT 7968



# MATERIAL **CHARACTERISTICS**

Glass-filled Nylon, Plated Steel. **Environmental:** Flammability per UL 94 requirements, V0 rated. Temperature Rating: -40°C to 105°C.



# E-59 LOCKING **DEVICES**

## **TESTING & CODE COMPLIANCE**

· Listed to UL 498: (file no. E3663); Weather protective lids listed to UL 514A 7770: (file no. E3663), and to UL 514C 7788CR: (file no. E2458) · cUL listed to CSA C22.2 no. 42, and no. 18 per files

## **MATERIAL CHARACTERISTICS**

listed above.

Glass-filled Nylon, except 7770: Die-cast Aluminum; **Environmental:** Flammability per UL 94 requirements, V0 rated. Temperature Rating: -40°C to 105°C.





2.01"dia.

(51.1mm)

# **50A Hart-Lock® Locking Devices**

# **Industrial Specification Grade** and Marine Grade Non-NEMA **Configurations**

# **50A Hull Inlets, Marine Grade**

## **FEATURES**

**FEATURES** 

- Internal construction consists of rugged glass reinforced nylon.
- Body, flange and lid made from chrome plated forged brass.
- Back wired for quick and dependable conductor termination.
- Terminal lugs designed for #6 wire.
- Deep, tapered wire wells for positive conductor isolation.

### **50A Flanged Inlets, Industrial Specification Grade Rating** V/AC Configuration Catalog No. Α 50 125 2 Pole, 3 Wire 63CR72 125/250 3 Pole, 4 Wire 63CR74

# 3.92" (99.6mm) 2.17" (55.1mm) 0.17" dia **←**2.37"**→** (4.32mm)(60.2mm) \*2.16" ← 3.0"→ (54.9mm) (76.2mm)

63CR72

## 2.01"dia. (51.1 mm)3.92" (99.6mm) 2.17" (55.1mm) 0.17" dia **←**2.37"<del>></del> (4.32mm)(60.2mm) 2.16" **←** 3.0"→ (54.9mm) (76.2mm)



7770

# 63CR74

■ UL Listed for wet locations with cover closed and damp locations with cover open or closed.

**50A Receptacle Covers** 

50 Amp Receptacle Covers	
Description	Catalog No.
Weather protective die-cast aluminum, lift lid cover	7770
Weather protective yellow glass filled nylon, with lift lid cover	7788CR







INLET 63CR74



# **Hospital Use Mobile X-Ray™ Power-Lock® Devices**

2 Pole, 3 Wire Grounding 50A 250V 60A 250V



# 10.00" (254.0mm) 7.00" X-RAY (177.8mm)

# Hospital Use Mobile X-Ray Power-Lock® Devices

## **FEATURES**

These devices meet the requirements of hospital standards for non-interchangeability with regular wiring devices. Power-Lock X-ray receptacles are designed to prevent accidental insertion of plugs from other electrical equipment. Likewise, the

Hospital Use Power-Lock® Receptacles

Description

Receptacle and plate

Receptacle and plate

Power-Lock X-ray plugs can only be inserted into X-ray receptacles. These X-ray devices meet industry standards and are interchangeable with X-ray devices of the same rating.

> (190.5mm)25605

**←**7.50"**→** 

10.00"

(254.0mm)

## **FEATURES**

Rating

Α

50

60

V/AC

250

250

■ Fiberglass reinforced nylon interior.

■ 12" (304.8mm), #6 AWG Wire Leads.

Color

Stainless steel

Stainless steel

10.00" (254.0mm) 7.00" 10.00" (177.8mm) (254.0 mm)7.50"-(190.5mm)

25603

# **Receptacles - Cast Aluminum Plate Assembly**

**Receptacles - Stainless Steel Plate Assembly** 

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ка	τι	n	g

	0			
Α	V/AC	Description	Color	Catalog No.
50	250	Receptacle and plate	Gray	25503
60	250	Receptacle and plate	Gray	25603



25515

# Hospital Use Power-Lock® Plugs

## **FEATURES**

Rating

■ Fiberglass reinforced nylon interior.

Plugs - Back Wired "Dead-Front" Design

- Gray epoxy finish provides insulated shell.
- Pressure type terminals.

Catalog No.

25505

25605



25509

Description **Cord Diameter** Color Catalog No. Α V/AC 250 50 Less epoxy kit 0.750" (19.1mm) -1.250" (31.8mm) Gray 25525 Δ With epoxy kit 0.750" (19.1mm) -1.250" (31.8mm) Gray 25515\* Δ 60 250 Less epoxy kit 0.750" (19.1mm) -1.250" (31.8mm) Gray 25625 With epoxy kit 0.750" (19.1mm) -1.250" (31.8mm) Gray 25615\*

# Hospital Use Power-Lock® Wall Box

# **FEATURES**

■ Gray enamel finish.

- Accommodates 50A or 60A receptacles.

■ KO sizes 1.25" (31.85mm), 1.50" (38.1mm) and 2" (50.8mm).



**PLUG** RECEPTACLE 50A 250V 50A 250V



60A 250V



RECEPTACLE 60A 250V

# Wall Box - Stamped Steel

Description	Color	Catalog No.
Wall Box	Gray	25509

\*Epoxy kit is used to fill air spaces in plug after wiring, to prevent entrance of moisture, dirt and gases.  $\Delta$  Fits both 50A and 60A X-ray receptacles.



# **TESTING & CODE COMPLIANCE**

INDUSTRIAL

COMMERCIAL

E-60

**DEVICES** 

 Listed to UL 498 for receptacle assemblies (file no. E2369), for plugs (file no. E3663) 25509 is not UL Listed.

## MATERIAL CHARACTERISTICS

Nylon, Glass Filled **Environmental:** Flammability per UL94 requirements. V0 rated. Temperature Rating: -40°C to 105°C.



# E-61 **DEVICES**

## **TESTING & CODE COMPLIANCE**

· Listed to UL 498. Receptacles: (file no. E2369) except where noted. Plugs & Connectors: (file no. E3663). · CSA Certified to C22.2 no. 42 (file no. LR7087).

## **MATERIAL CHARACTERISTICS**

Receptacles: Glass filled Nylon & phenolic. Plugs & Connectors: Glass filled nylon **Environmental:** Flammability per UL 94 requirements: Receptacles VO rated. Temperature Rating: -40°C to 105°C.





# **Industrial Specification Grade Power-Lock® Devices**

2 Pole, 3 Wire Grounding 20A 125V/AC 3 Pole, 3 Wire Non-Grounding 20A 125V/AC 10A 250V/DC 480V/AC

# 20 Amp Power-Lock® Receptacle -**Binding Screw Type for Back & Side Wiring**

## **FEATURES**

- Fiberglass reinforced nylon body suitable for 105°C/221°F.
- Fits all standard single receptacle plates.

2.37" (60.2mm)	······
1.37"	2.50"
(34.8mm)	(63.5mm)
1.65"—	(3.28"
(41.9mm)	(83.3mm)

23050

### Receptacles - 20 Amp Power-Lock® Rating Α V/AC Configuration **Description** Color Catalog No. 20 23030 125 2 Pole, 3 Wire Standard Black Hospital Use Black 23050 20 125 Black 23000 3 Pole, 3 Wire Standard Grounding Black 23000G\*

# **20 Amp Safety Grip™ Plugs and Connectors**

**Cord Diameter** 

0.250" (6.4mm) -

0.656" (16.7mm)

### **FEATURES**

Rating

V/AC

Α

- Nylon shell resists breakage in high abuse areas.
- Dual range cord grip secures small or large diameter cords.

Description

Standard

20 Amp Safety Grip™ Plugs and Connectors

■ Enclosed wiring compartment with tapered channels provide easy insertion of wires.

Plug

23035N

23056N

23056

23005N

\*Also rated at 10A for 250V/DC and 480V/AC

Color

Gray

Gray

Gray

Gray

Catalog No.

Connector

23032N

23054N

23054

23002N

Catalog No.

23007\*

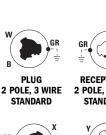






20 125 2 Pole, 3 Wire Standard Hospital Use Hospital Use Armored 20\* 125 3 Pole, 3 Wire

Lift Lid Cover Description





Die-cast aluminum lift lid cover with weathertight gasket



2 POLE, 3 WIRE **HOSPITAL USE** 



RECEPTACLE 2 POLE, 3 WIRE **HOSPITAL USE** 



**PLUG** 3 POLE, 3 WIRE STANDARD



RECEPTACLE 3 POLE, 3 WIRE STANDARD

\*UL Listed (file no. E2458)



**PLUG** 3 POLE, 3 WIRE GROUNDED



RECEPTACLE 3 POLE, 3 WIRE GROUNDED



<sup>\*23000</sup>G is not UL listed and is for replacement use only.

# **Industrial Specification Grade Power-Lock® Devices**

3 Pole, 4 Wire Grounding 30A, 480V/AC 3 Pole, 4 Wire Grounding 30A, 600V/AC 20A, 250V/DC 4 Pole, 5 Wire Grounding 30A, 600V/AC 20A, 250V/DC







INDUSTRIAL COMMERCIAL

E-62 **DEVICES** 

### 49.28mm) 1.94" ---1 81" (46.0mm) 2.69" 1.90 (48.3mm) (68.3mm) 3.28" (83.3mm)

(36.6mm) 20443N

1.44"

# 30A Receptacles - Binding Screw Type for Back & Side Wiring

## **FEATURES**

- Fiberglass reinforced nylon body suitable for 105°C/221°F.
- Standard receptacles fit all standard single receptacle plates.
- 21420 side angle tapped for 0.75" (19.1mm) pipe thread attachment.
- 5 wire receptacles mount on FS or FD boxes.
- All 30A 600V/AC devices are also approved for 20A 250V/DC applications.

Recept	Receptacles – 30 Amp Power-Lock®							
Rating A	V/AC	Configuration	Description	Color	Catalog No.			
30	480	3 Pole, 4 Wire	Standard	Black	20443N*			
30/20	600/250 DC	3 Pole, 4 Wire	Standard	Black	20403N			
			Cast aluminum cover with weather protective lift lid	Black	21420*			
30/20	600/250 DC	4 Pole, 5 Wire	Cast Iron cover and steel shell	Black	25403			
			Cast aluminum cover with weather	Black	25250*			

protective lift lid

\*Not CSA certified.



21420



25250



RECEPTACLE 3 POLE, 4 WIRE 30A 480V/AC



RECEPTACLE 3 POLE, 4 WIRE 30A 600V/AC 20A 250V/DC



RECEPTACLE 4 POLE, 5 WIRE





# **TESTING & CODE COMPLIANCE** · Listed to UL 498

(file no. E2369), Weather protective lids listed to UL 514A (file no. E2369). · CSA certified to C22.2 no. 42 (file no. LR7087) except as noted. Weather protective lids cUL listed to CSA C22.2 no. 18 (file no. E2369).

## MATERIAL **CHARACTERISTICS**

Glass filled nylon & phenolic **Environmental:** Flammability per UL 94 requirements: VO rated. Temperature Rating: -40°C to 105°C.



E-63
LOCKING
DEVICES





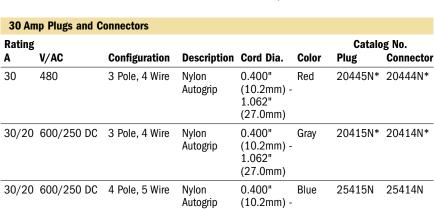
# Industrial Specification Grade Power-Lock® Devices

3 Pole, 4 Wire Grounding 30A, 480V/AC 3 Pole, 4 Wire Grounding 30A, 600V/AC 20A, 250V/DC 4 Pole, 5 Wire Grounding 30A, 600V/AC 20A, 250V/DC

# **30A Autogrip™ Locking Plugs and Connectors**

## **FEATURES**

- Autogrip™ version has Nylon/Thermoplastic construction for totally insulated outer shell for added safety.
- Glass filled nylon interior rated at 105°C/221°F continuous use.
- Internal Autogrip cord grip provides faster installation, superior cord retention and strain relief.
- Tapered wiring channels provide easy insertion of wires and prevent shorting of stray wires.
- Back wired, Dead-Front construction.



1.062"

(27.0mm)

\*Not CSA approved



## 20445N



20444N



20414N

# TESTING & CODE COMPLIANCE

- · Listed to UL 498, (file no. E3663).
- · CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted.

# MATERIAL CHARACTERISTICS

Glass filled nylon.
Temperature Rating:
-40°C to 105°C.







RECEPTACLE 3 POLE, 4 WIRE 30A 480V/AC



3 POLE, 4 WIRE 30A 600V/AC 20A 250V/DC



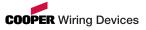
RECEPTACLE 3 POLE, 4 WIRE 30A 600V/AC 20A 250V/DC







RECEPTACLE 4 POLE, 5 WIRE 30A 600V/AC



# Industrial Specification Grade Power-Lock® Devices

3 Pole, 4 Wire Grounding 30A, 480V/AC 3 Pole, 4 Wire Grounding 30A, 600V/AC 20A, 250V/DC 4 Pole, 5 Wire Grounding 30A, 600V/AC 20A, 250V/DC



\_\_ 2.31"\_\_ (58.7mm)

> 1.81" (46.0mm)

0.63" | (16.0mm) **20415S** 





INDUSTRIAL COMMERCIAL

E-64
LOCKING
DEVICES

# **30A Armored Locking Plugs and Connectors**

## **FEATURES**

- Armored version has rugged epoxy coated steel shell for extra ruggedness and shock protection.
- Glass filled nylon interior rated at 105°C/221°F continuous use.
- External armored cord grip provides strain relief on armored devices.
- Tapered wiring channels provide easy insertion of wires and prevent shorting of stray wires.
- Back wired, Dead-Front construction.

	p Plugs and C	Jumectors					
Rating						Catalog	*
A	V/AC	Configuration	Description	Cord Dia.	Color	Plug	Connector
30	480	3 Pole, 4 Wire	Armored	0.484" (12.33mm) 0.609" (15.5mm)	Red -	20445†	20444†
30/20	600/250 DC	3 Pole, 4 Wire	Armored*	0.562" (14.3mm) - 1.00" (25.4mm)	Metallic	20415 20415S**	20414 –
			Armored*	0.360" (9.1mm) - 0.484" (12.33mm)	Metallic	21415	21414
			Armored*	0.484" (12.3mm) - 0.750" (19.1mm)	Metallic	21426 21426S**	21427 -
			Armored	0.750" (19.1mm) - 1.000" (25.4mm)	Metallic	21443	21442
			Armored#	0.50" (12.7mm) female	Metallic	21435†	21433†
			Armored#	0.75" (19.1mm) female	Metallic	21436†	21434†
30/20	600/250 DC	4 Pole, 5 Wire	Armored	0.625" (15.9mm) - 1.00" (25.4mm)	Blue	25415	25414



25415

(58.7mm)

#With pipe thread attachment.



3 POLE, 4 WIRE

30A 480V/AC







PLUG 3 POLE, 4 WIRE 30A 600V/AC 20A 250V/DC



RECEPTACLE 9LUG
3 POLE, 4 WIRE 4 POLE, 5 WIRE
30A 600V/AC
20A 250V/DC 30A 600V/AC



RECEPTACLE 4 POLE, 5 WIRE 30A 600V/AC



# TESTING & CODE COMPLIANCE

· Listed to UL 498, (file no. E3663). · CSA Certified to C22.2 no.42 (file no. LR7087) except as noted.

# MATERIAL CHARACTERISTICS

Glass filled Nylon. Temperature Rating: -40°C to 105°C.

<sup>\*</sup>With sliding rubber cord grip.

<sup>\*\*</sup>Plugs with "S" suffix have a special mounting stud used in automotive welding applications. †Not CSA approved.



# E-65 LOCKING DEVICES

# TESTING & CODE COMPLIANCE

· Listed to UL 498, Outlets: (file no. E2369). Inlets: (file no. E3663). 20418 listed to (file no. E1706). · CSA Certified to C22.2 no. 42 (file no. LR7087) except 20418 (file no. LR280-C) except as noted. Weather protective lid listed to UL 514A and cUL Certified to CSA C22.2 no. 18 (file no. E3663).

# MATERIAL CHARACTERISTICS

Environmental: Flammability per UL 94 requirements, Temperature Rating: VO rated. -40°C to 105°C, except 20418: -40°C to 75°C.





# Industrial Specification Grade Locking Devices

3 Pole, 4 Wire Grounding 30A, 600V/AC 20A, 250V/DC 4 Pole, 5 Wire Grounding 30A, 600V/AC 20A, 250V/DC

# **30 Amp Inlets and Outlets**

## **FEATURES**

 Fiberglass reinforced interior on all flanged devices provides 105°C/221°F temperature rating.

Flanged and Regular Inlets and Outlets

- Phenolic interior on 20418 and 25418.
- Rugged steel shell.



21447



25416

	Rating A	V/AC	Configuration	Туре	Description	Catalog No.
n)	30/20	600/250 DC	3 Pole, 4 Wire	Surface Mount Inlet	Die-cast aluminum with weather protective lift lid, tapped for 0.75" (19.1mm) pipe thread	21447
				Inlet	For FD and FS Boxes	20418
•	30/20	600/250 DC	4 Pole, 5 Wire	Flanged Inlet	With 4.125" (104.8mm) round flange and cord grip for 0.062" (15.9mm) - 1.00" (25.4mm) diameter	25416*
				Inlet	For FD and FS Boxes	25418*
				Flanged Outlet	With 4.125" (104.8mm) round flange and cord grip for 0.062" (15.9mm) - 1.00" (25.4mm) diameter	25406
					*1	Int CSA listed

\*Not CSA listed.



25418



PLUG 3 POLE, 4 WIRE 30A 480V/AC



RECEPTACLE 3 POLE, 4 WIRE 30A 480V/AC



PLUG R
3 POLE, 4 WIRE 3 P
30A 600V/AC 30
20A 250V/DC 20



RECEPTACLE 3 POLE, 4 WIRE 30A 600V/AC 20A 250V/DC

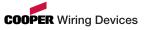


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PLUG 4 POLE, 5 WIRE 30A 600V/AC





# Industrial Specification Grade Power-Lock® Devices







INDUSTRIAL COMMERCIAL

E-66
LOCKING
DEVICES

# Power Grips for 30 Amp Power-Lock® Units

## **FEATURES**

- Full length double weave stainless steel mesh for maximum strength. Units with stand 1,000 pound (4448 newtons) pull test.
- Turned aluminum fitting and washers contain mesh securely on assembly.
- Sturdy steel adapter ring is cadmium plated for corrosion resistance.
- Assembly instructions supplied with each "Power Grip".

## **Directions:**

- 1. Locate nearest size of cable in "Nominal Grip Diameter" column.
- 2. Check "Grip Diameter Range" column and select number closest to cable diameter.

Wire Mesh Grips for 30 Am	Nire Mesh Grips for 30 Amp Power-Lock®				
<b>Nominal Grip Diameter</b>	Catalog No.				
0.44" (11.2mm)	0.375" (9.5mm)-0.500" (12.7mm)	PG-300			
0.56" (14.2mm)	0.500" (12.7mm)-0.625" (15.9mm)	PG-301			
0.69" (17.5mm)	0.625" (15.9mm)-0.750" (19.1mm)	PG-302			
0.81" (20.6mm)	0.750" (19.1mm)-0.875" (22.2mm)	PG-303			
0.94" (23.9mm)	0.875" (22.2mm)-1.00" (25.4mm)	PG-304			

## Power grips can be used on the following Catalog Nos.:

21415, 21426, 21443, 21414, 21427, 21442, 20445, 20444.

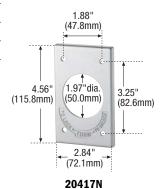
# Plates for 30 Amp Power-Lock® Receptacles

Plates for 30 Amp Power-Lock® Receptacles			
Description	Catalog No.		
Red glass filled nylon with weather protective lift lid cover and gasket	20446N		
Die cast aluminum with weather protective lift lid cover and gasket	20416D		
Gray glass filled nylon with weather protective lift lid cover and gasket	20416N		
Die cast aluminum cover less lid and gasket	20417N		



PG-300

# 20416N



# TESTING & CODE COMPLIANCE

Weather protective lids: 20416D and 20417N: Listed to UL 514A (file no. E92122). 20446N and 20416N: Listed to UL 514C, (file no. E2458). • cUL Listed to CSA C22.2 no. 18. 20416D and 20417N: (file no. E92122). 20446N and 20416N: (file no. E2458).





E-67
LOCKING
DEVICES

# TESTING & CODE COMPLIANCE

· Listed to UL 498 (file no. E2369) · CSA Certified to C22.2 no. 42 (file no. LR7087) except as noted. Weather protective lids UL Listed to UL 514A and cUL Certified to CSA C22.2 no. 18 (file no. E2369).

# MATERIAL CHARACTERISTICS

Glass filled nylon. Meets flammability requirements per UL94, VO rated. Temperature Rating: -40°C to 105°C.



# Industrial Specification Grade 60 Amp Power-Lock® Locking Receptacles

3 Pole, 4 Wire Grounding 60A, 600V/AC 4 Pole, 5 Wire Grounding 60A, 600V/AC

# 60 Amp Power-Lock® Receptacles with Weather Protective Lid

## **FEATURES**

- Fiberglass reinforced nylon interiors.
- Designed for direct panel mounting, wiring troughs or surface type installation.
- If desired for 45° use Catalog No. 26404 adapter.
- Outlet enclosures may be rotated at 90°.
- 26421 and 26521 side angle tapped for 1.50" (38.1mm) pipe thread attachment.



26420

60 A	60 Amp Power-Lock® Receptacles						
Ratin	Rating						
A	V/AC	Configuration	Description	Color	Catalog No.		
60	600	3 Pole, 4 Wire	Cast aluminum with weather protective lift lid	Black	26420		
			Cast aluminum with weather protective lift lid	Black	26421*		
60	600	4 Pole, 5 Wire	Cast aluminum with weather protective lift lid	Black	26520		
			Cast aluminum with weather protective lift lid	Black	26521*		

\*Not CSA listed



26421



RECEPTACLE 3 POLE, 4 WIRE 60A 600V/AC



RECEPTACLE 4 POLE, 5 WIRE 60A 600V/AC



# Industrial Specification Grade 60 Amp Power-Lock® Locking Devices

3 Pole, 4 Wire Grounding 60A, 600V/AC 4 Pole, 5 Wire Grounding 60A, 600V/AC







INDUSTRIAL COMMERCIAL

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LOCKING DEVICES

# **60 Amp Plugs and Connectors**

## **FEATURES**

- Fiberglass reinforced nylon interiors.
- Rugged armored design consisting of steel outer shell.
- External armored cord grip provides cable strain relief.
- Exposed parts are epoxy coated for maximum insulation and corrosion resistance.
- Tapered wiring channels provide easy insertion of wires and prevent shorting of stray wires.

Standard Standard with	0.750" (19.1mm) - 1.250" (31.8mm) 0.750"	Yellow	26415 26415S*	26414 *
	(19.1mm) - 1.250" (31.8mm)			
Standard with	0.750"			
rubber bushing in cable clamp	(19.1mm) - 1.250" (31.8mm)	Yellow	26426* 26426S*	26427* *
Standard	0.750" (19.1mm) - 1.250" (31.8mm)	Yellow	26515	26514
Standard with rubber bushing in cable clamp	0.750" (19.1mm) - 1.250" (31.8mm)	Yellow	26526*	26527*
r	Standard with ubber bushing n cable clamp	Standard 0.750" (19.1mm) - 1.250" (31.8mm)  Standard with 0.750" (19.1mm) - 1.250" (31.8mm)	Standard 0.750" Yellow (19.1mm) - 1.250" (31.8mm)  Standard with 0.750" Yellow (19.1mm) - 1.250"	Standard 0.750" Yellow 26515 (19.1mm) - 1.250" (31.8mm)  Standard with 0.750" Yellow 26526* (19.1mm) - 1.250" (31.8mm)

<sup>\*</sup>Three sizes rubber bushings supplied standard. #Not CSA certified.



26415



26414



26427



26426





PLUG 3 POLE, 4 WIRE 60A 600V/AC



CONNECTOR 3 POLE, 4 WIRE 60A 600V/AC



PLUG 4 POLE, 5 WIRE 60A 600V/AC



CONNECTOR 4 POLE, 5 WIRE 60A 600V/AC

# MATERIAL CHARACTERISTICS

TESTING & CODE COMPLIANCE

· Listed to UL 498

(file no. E3663).

· CSA Certified to C22.2 no. 42 (file no. LR7087)

except as noted.

Glass filled nylon.

Meets flammability requirements
per UL94,
VO rated.

Temperature Rating:
-40°C to 105°C.



<sup>\*\*</sup>Plugs with an "S" suffix have special mounting stud used in automotive welding applications.



E-69 **DEVICES** 





# **Industrial Specification Grade Power-Lock® Locking Devices**

3 Pole, 4 Wire Grounding 60A, 600V/AC 4 Pole, 5 Wire Grounding 60A, 600V/AC

# **60 Amp Flanged Inlets and Outlets**

## **FEATURES**

■ Fiberglass reinforced interior provides 105°C/221°F temperature rating.

**Flanged Inlets and Outlets** 

■ Rugged steel shell.



26415A

0.19" (4.8mm) 3.34" (84.8mm)	3.75"(95.3mm) 2.86"(72.6mm)	2.5	1.16" (29.5mm) 3" 5" 55mm)
<i>?</i> "			¥

26414A

- ianger more and carrete						
ating	V/AC	Configuration	Description	Cord Dia.	Color	Catalog No.
0	600	3 Pole, 4 Wire	Inlet	0.750" (19.1mm) - 1.250" (31.8mm)	Black	26415A
			Outlet	0.750" (19.1mm) - 1.250" (31.8mm)	Black	26414A
60	600	4 Pole, 5 Wire	Inlet	0.750" (19.1mm) - 1.250" (31.8mm)	Black	26515A
			Outlet	0.750" (19.1mm) - 1.250" (31.8mm)	Black	26514A
			Outlet accepts ring terminals	0.750" (19.1mm) - 1.250" (31.8mm)	Black	26514AAM#
	0	0 600	V/AC Configuration 0 600 3 Pole, 4 Wire	V/AC Configuration Description  O 600 3 Pole, 4 Wire Inlet  Outlet  Outlet  Outlet  Outlet	V/AC         Configuration         Description         Cord Dia.           0         600         3 Pole, 4 Wire         Inlet         0.750" (19.1mm) - 1.250" (31.8mm)           Outlet         0.750" (19.1mm) - 1.250" (31.8mm)         0.750" (19.1mm) - 1.250" (31.8mm)           Outlet         0.750" (19.1mm) - 1.250" (31.8mm)           Outlet         0.750" (19.1mm) - 1.250" (31.8mm)           Outlet accepts ring terminals         0.750" (19.1mm) - 1.250" (19.1mm) - 1.250"	V/AC   Configuration   Description   Cord Dia.   Color

#Not CSA certified.

## **TESTING & CODE** COMPLIANCE

· Listed to UL 498 (file no. E3663). · CSA Certified to C22.2 no. 42 (file no. LR7087)

except as noted.

**MATERIAL CHARACTERISTICS** 

Glass filled nylon. Meets flammability requirements per UL94, V0 rated. Temperature Rating: -40°C to 105°C.



INLET 3 POLE, 4 WIRE 60A 600V/AC



OUTLET 3 POLE, 4 WIRE 60A 600V/AC



INLET 4 POLE, 5 WIRE 60A 600V/AC



4 POLE, 5 WIRE 60A 600V/AC



# Weather Protective Covers and Grips for 60 Amp Power-Lock® Locking Devices

# Box, Cover & Angle Adapter for 60 Amp Power-Lock® Receptacles

## **FEATURES**

- Cast aluminum.
- For use with 26420 and 26520 receptacles.

Box, Cover & Angle Adapter		
Description	Catalog No.	
Box only for use with 26404 angle adapter	26401	
Cover only for 26401 box	26402	
Box and cover complete	26400	
45° angle adapter	26404	



26401

# Power Grips for 60 Amp Power-Lock® Units

## **FEATURES**

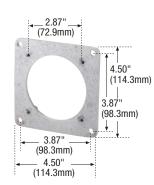
- Full length double weave stainless steel mesh for maximum strength. Units withstand 1,000 pound (4448 newtons) pull test.
- Turned aluminum fitting and washers contain mesh securely on assembly.
- Sturdy steel adapter ring is cadmium plated for corrosion resistance.
- Assembly instructions supplied with each "Power Grip".

## **Directions:**

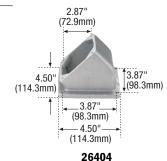
- 1. Locate nearest size of cable in "Nominal Grip Diameter" column.
- 2. Check "Grip Diameter Range" column and select number closest to cable diameter.

# Wire Mesh Grips for 60 Amp Power-Lock Nominal Grip Diameter Grip Diameter Range Catalog No. 1.062" (27.0mm) 1.00"-1.125" (25.4mm-28.6mm) PG-600 † 1.062" (27.0mm) 1.00"-1.125" (25.4mm-28.6mm) PG-601\*

- † For use with Power-Lock Catalog Nos. 26415, 26414, 26515, 26514
- \* For use with Power-Lock Catalog Nos. 26426, 26427, 26526, 26527



26402



INDUSTRIAL COMMERCIAL

E-70 LOCKING DEVICES





# E-71 LOCKING DEVICES





## WLRD1



WLRS1



7420CR



7349



# Weather Protective Covers for Hart-Lock® Locking Devices

# **Weather Protective Covers**

## **FEATURES**

- WLRD1 and WLRS1 are UL Listed, wet location covers closed and damp locations cover open or closed.
- UL Listed, damp location cover open (with plug inserted) and wet location with cover closed.
- Receptacle covers are designed for use with FS/FD boxes.
- Self closing spring door assures full protection.
- WLRD1 and WLRS1 consist of die cast copper free aluminum with epoxy finish for maximum corrosion resistance.
- EPDM gasketing material on WLRD1 and WLRS1 provide excellent resistance to ozone, weathering and temperatures from -50°F to 260°F (-46°C to 127°C).
- All receptacle covers consist of die cast aluminum.
- For full list of weather proof covers, refer to Catalog Section "N: Weather Protective Devices".

Weather Protective Covers	
Description	Catalog No.
Duplex receptacle cover, horizontal mounting.	WLRD1#
Single receptacle cover, vertical mounting, 1.38" (34.9mm) face diameter.	WLRS1#
Single receptacle cover, vertical mounting, 1.56" (39.62mm) face diameter	WLRS2#
Adapter, flush mounts above covers to standard boxes.	WLRA1
Duplex receptacle cover, vertical mounting.	7879FS†
Duplex receptacle cover, vertical mounting, yellow corrosion resistant.	7879FSCR†
Single receptacle cover, vertical mounting, 1.38"-1.56" (34.9mm-39.7mm) face diameter.	7420†
Single receptacle cover, vertical mounting, 1.38" -1.56" (34.9mm-39.7mm) face diameter, yellow corrosion resistant finish.	7420CR†
Adapter, flush mounts above covers to standard boxes.	7349
Glass reinforced nylon cover for 15A flanged inlets and outlets.	WP1*
Glass reinforced nylon cover for 20A and 30A flanged inlets and outlets.	WP2*

\*Listed to UL 514C (file no. E2458) and CSA listed to C22.2 no. 18 (file no. LR7289). #Listed to UL 514A (file no. E15022).

†Listed to UL 514A, cUL Listed to CSA C22.2 no. 18 (file no. E92122).

# Weather Protective Boots for Hart-Lock® and Power-Lock® Locking Devices

# **For Plugs and Connectors**







INDUSTRIAL COMMERCIAL

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LOCKING
DEVICES

# **Weather Protective Boots**

## **FEATURES**

- UL Listed to I.E.C. 529.
- Neoprene resists oil, grease, acids and has long life properties.
- Flexible and easy to apply to plug or connector.
- Cord hole opening can be cut away for large diameter cords.
- Carries IP55 environmental rating when proper boot is applied to mating plug and connector.

Weather Protective Boots	
Description	Catalog No.
Boot for 15 amp Hart-Lock® plugs when used with mating receptacle, outlet or connector (with BS2 boot) and connector when used with inlet.	BS1
Boot for 15 amp Hart-Lock® connector when used with mating plug (with BS1 boot)	BS2
Fits all 20 & 30 amp 3-wire Hart-Lock® plugs when used with connector equipped with BM2, receptacle or outlet, all 20 & 30 amp 3-wire Hart-Lock® connectors when used with inlet	BM1
Fits all 20 & 30 amp 3-wire Hart-Lock® connectors when used with mating plug equipped with BM1	BM2
Fits all 4 and 5 wire Hart-Lock® plugs when used with connector equipped with BL2 receptacle or outlet, 4 and 5 wire Hart-Lock® connectors when used with inlets	BL1
Fits all 4 and 5 wire Hart-Lock® connectors when used with mating plug equipped with BL1	BL2
For 50A plug when used with receptacle, or for 50A connector when used with inlet or plug with 7717 boot.	7716
For 50A connector when used with 50A plug with 7716 boot.	7717
For 50A connector when used with a hull inlet.	77CR15
Short neoprene boot for midget plugs	74CM40
For 20A Power-Lock® plugs when used with mating receptacle outlet or connector (with 23025 boot) and connector when used with inlet	23024
For 20A Power-Lock® connector when used with mating plug (with 23024 boot)	23025



BS1



BM1



BM2

# TESTING & CODE COMPLIANCE

· Listed to UL 514C. · cUL Certified to CSA c22.2 no. 18 (file no. E2458).

# MATERIAL CHARACTERISTICS

Neoprene. Temperature Rating: -40°C to 107°C.





# E-73 LOCKING DEVICES

# TESTING & CODE COMPLIANCE

· Listed to UL 508 -Industrial Control Equipment: UL 498 - Plugs & Receptacles: (file no. E135083) · CSA C22.2 no. 14 (file no. LR95585C). Enclosure: NEMA/Canadian Type 3R, 12. **Current Interrupting:** Certified for current interrupting at full rated current and voltage. **Short Circuit** Withstand Rating: Switch suitable for use on a circuit capable of delivering not more than 10.000 RMS symmetrical Amperes at the voltage rating of the receptacle installed.

# MATERIAL CHARACTERISTICS

Enclosure, cover and cover screws: Polycarbonate Rotary handle: Nylon Flip lid cover: Reinforced Nylon. Temperature Rating: -40° to 75°C.





# Industrial Specification Grade Weather Protective Hart-Lock® Locking Device Switch Enclosure

For 20A or 30A, 125-600V Hart-Lock® Flanged Outlets

# Switched Industrial Specification Grade Hart-Lock® Enclosure with Manual Disconnect Switch

The Switched Hart-Lock Enclosure is a rainproof, dust-tight enclosure, with a HP rated switch. Add any 20A or 30A Hart-Lock® flanged outlet to provide dedicated local power control. This eliminates the need for installation of a switch and receptacle in separate enclosures.

## **FEATURES**

- Impact and corrosion-resistant thermoplastic enclosure for long-term reliability.
- Heavy-duty disconnect switch is horsepower rated for motor load applications and is field replaceable.
- Continuous poured-in place cover gasket assures the NEMA 3R, 12 rating. Gasket cannot be left out or easily damaged during installation.
- HP-rated switch can be locked in the "off" position to help comply with OSHA lockout/ tagout requirements.
- 3R, 12 enclosure for rainproof or dusttight applications.

- Supplied with 0.75" (19.1mm) liquid tight hub and grounding lug for top or bottom entry.
- Captive stainless steel cover mounting screws.
- Hinged enclosure cover for easy wiring.
- Self-closing lift lid cover with neoprene gasket provides weatherproof protection.
- Field installable auxiliary contacts for control circuit applications.
- Easy to operate, gasketed nylon rotary handle is clearly marked for ON/OFF indication.



SE6000

# Hart-Lock® Switched Enclosure without Outlet Maximum Switch Rating\* Catalog No. 30A 600V/AC SE6000



<sup>\*</sup>Ratings are dependent on Hart-Lock flanged outlet installed. Outlets ordered separately.

# Industrial Specification Grade Hart-Lock® Locking Device Switch Enclosure

For 20A or 30A, 125-600V Hart-Lock® Flanged Outlets





# Switched Industrial Specification Grade Hart-Lock® Enclosure with Manual Disconnect Switch

Hart-Lock® Flanged Outlets				
Rating	Outlet HP Rating	Catalog No. Outlet		
L5-20	1	CWL520F0		
L6-20	2	CWL620F0		
L5-30	1	CWL530F0		
L6-30	2	CWL630F0		
L14-20	2	CWL1420F0		
L15-20	2	CWL1520F0		
L14-30	2	CWL1430F0		
L15-30	3	CWL1530F0		
L16-30	10	CWL1630F0		
L21-20	2	CWL2120F0		
L21-30	2.5	CWL2130F0		

3.06" (77.7mm) 2.03" (51.6mm)	
2.19"	2.19" (55.6mm)

\* 3 holes, 0.19"(4.8mm) dia., equally spaced on 2.69"(68.3mm) dia. bolt circle

CWL1420F0

Accessories		
Ratings	Description	Catalog No.
10A 600V	Auxiliary Contacts; 1 NO, 1 NC	AH20AUX
30A 600V	Replacement Switch	SE30RS
_	Replacement Lift Lid Cover	WP2



WP2



INDUSTRIAL COMMERCIAL

# E-74 LOCKING DEVICES

# TESTING & CODE COMPLIANCE

· Listed to UL 508 -**Industrial Control** Equipment: UL 498 - Plugs & Receptacles: (file no. E135083) · CSA C22.2 no. 14 (file no. LR95585C). Enclosure: NEMA/Canadian Type 3R, 12. **Current Interrupting:** Certified for current interrupting at full rated current and voltage. **Short Circuit** Withstand Rating: Switch suitable for use on a circuit capable of delivering not more than 10,000 RMS symmetrical Amperes at the voltage rating of the receptacle installed.

# MATERIAL CHARACTERISTICS

Enclosure, cover and cover screws: Polycarbonate Rotary handle: Nylon Flip lid cover: Reinforced Nylon. Temperature Rating: -40° to 75°C.

