

Watertight locking devices

Innovative solutions for watertight locking applications

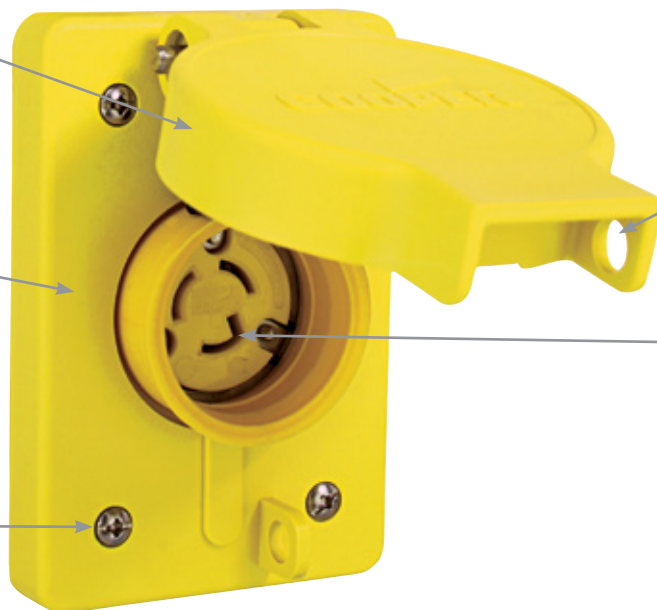
Arrow Hart's watertight locking devices utilize a unique, robust design and superior materials to provide watertight security in harsh environments

Watertight receptacles, plugs & connectors features & benefits

Spring-loaded self-closing flip lid cover ensures a watertight seal to NEMA Type 4X when the receptacle is not in use

Glass-filled nylon cover and exterior shell provide impact resistance in harsh environments

Stainless steel mounting and assembly screws provide corrosion resistance



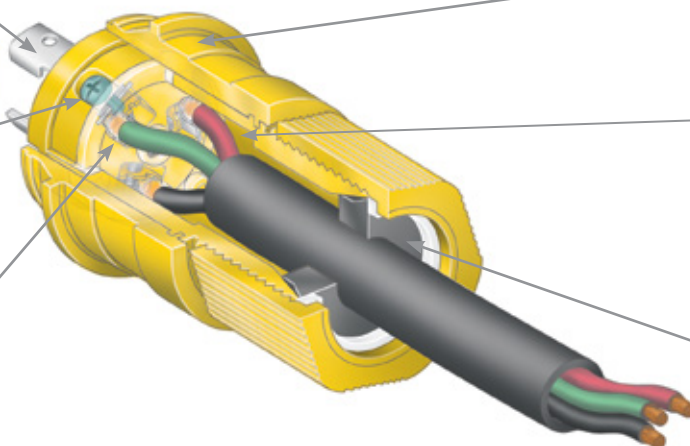
Lockable cover provides means of lockout/tagout

Nickel plated power contacts and terminal assemblies provide corrosion resistance

Nickel plated contacts, blades and terminal screws provide corrosion resistance

Tri-combo stainless steel assembly screws provide corrosion resistance

Tapered individual wire pockets guide wire into contact area for ease of installation



Innovative sealing system provides multipoint watertight seal

Glass reinforced polypropylene interior and Santoprene™ elastomeric exterior molded together for watertight seal and rugged support

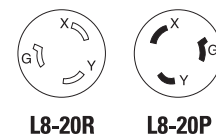
Santoprene™ grommet ensures a watertight seal

Locking devices

Complex environment locking devices

Product description



2-pole, 3-wire grounding
20A, 480V/AC
NEMA L8-20




L8-20R

L8-20P

Plugs & connectors

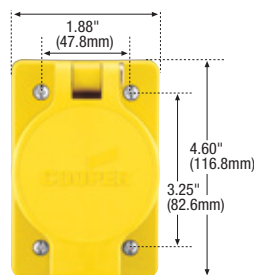
Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
20	480	L8-20	Watertight	0.36-0.84" (9.1-21.3mm)	Y	□ L820PW	□ L820CW	•	•
			Watertight	0.36-0.84" (9.1-21.3mm)	BK	□ L820PWBK	□ L820CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	□ L820PY	□ L820CY	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	
20	480	L8-20	Watertight	Y	□ L820RW	•
			Watertight	BK	□ L820RWBK	•



CRL530C



L530RW

Complex environment locking devices

Product description



2-pole, 3-wire grounding
30A, 125V/AC
NEMA L5-30





L5-30R

L5-30P

Plugs & connectors

Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125	L5-30	Watertight	0.43-1.15" (10.9-29.2mm)	Y	□ L530PW	□ L530CW	•	•
			Watertight	0.43-1.15" (10.9-29.2mm)	BK	□ L530PWBK	□ L530CWBK	•	•
			Severe duty	0.38-1.00" (9.7-25.4mm)	Y & BK	□ L530PY	□ L530CY	•	•
			Safety grip corrosion resistant	0.38-1.00" (9.7-25.4mm)	Y	□ CRL530P	□ CRL530C	•	•

Receptacles

Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.		
30	125	L5-30	Watertight	Y	□ L530RW	•	•
			Watertight	BK	□ L530RWBK	•	•
			Corrosion resistant	Y	□ CRL530R*	•	•

* UL Listed, CSA certified and Fed Spec

Dimensional information:
D-34-35

Specification information:
Watertight industrial plugs & connectors: D-38
Watertight industrial receptacles: D-39
Severe duty industrial plugs & connectors: D-40
Corrosion resistant: D-41

Color information:

BK (Black), Y (Yellow)



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

 Indicates NAFTA compliant - Page Q-32

 RoHS compliant - Page Q-32

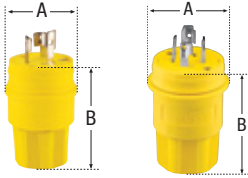
Locking device dimensional data

Complex environment plugs, connectors & receptacles

Product description

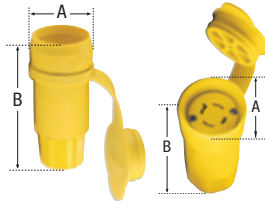
15A, 20A & 30A
Locking devices

Watertight plugs



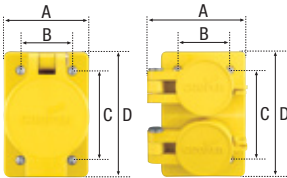
Family	A	B	Cord diameter
15A locking	1.62" (41.1mm)	2.96" (75.2mm)	0.30-0.65" (7.6-16.5mm)
20A locking	2.49" (63.2mm)	3.66" (93.0mm)	0.36-0.84" (9.1-21.3mm)
30A locking	2.69" (68.3mm)	3.66" (93.0mm)	0.43-1.15" (10.9-29.2mm)

Severe duty connectors



Family	A	B	Cord diameter
15A locking	1.62" (41.1mm)	4.00" (101.6mm)	0.30-0.65" (7.6-16.5mm)
20A locking	2.49" (63.2mm)	5.42" (137.7mm)	0.36-0.84" (9.1-21.3mm)
30A locking	2.69" (68.3mm)	5.42" (137.7mm)	0.43-1.15" (10.9-29.2mm)

Watertight receptacles



Family	A	B	C	D	Cord diameter
Single receptacle	3.10" (78.7mm)	1.88" (47.8mm)	3.25" (82.6mm)	4.60" (116.8mm)	0.30-0.65" (7.6-16.5mm)
Duplex receptacle	3.62" (91.9mm)	1.88" (47.8mm)	3.25" (82.6mm)	4.63" (117.6mm)	0.30-0.65" (7.6-16.5mm)

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

www.eaton.com
www.eaton.com/arrowhart

Watertight locking devices specification & performance data

Complex environment watertight locking devices

Product description

2-pole, 3-wire grounding; 3-pole, 3-wire non-grounding; 3-pole, 4-wire grounding;
4-pole, 4-wire non-grounding; 4-pole, 5-wire grounding

Device type	Watertight plugs & connectors, locking configurations: L5-15, L6-15, L7-15, L7-20, L8-20, L7-30, L8-30, L10-20, L10-30, L16-20, L16-30, L17-30, L19-20, L20-20, L19-30, L20-30, L23-20, L22-30, L23-30, Non-NEMA 20A 125/250V, Non-NEMA 30A	Watertight plugs & connectors, locking configurations: L5-20, L6-20, L5-30, L6-30, L11-20, L11-30, L14-20, L15-20, L14-30, L15-30, L18-20, L18-30, L21-20, L22-20, L21-30, Non-NEMA 20A 3Ø 120/208V
Wiring type	Back wire	Back wire
Testing & code compliance	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E3663 	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E3663 NOM certified
Environmental specifications	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F) Protection: NEMA Type 4, 4X, 6, 6P & IP67 High pressure water test: 1000 psi spray (mated or with closure cap)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -40°C to 75°C (-40°F to 167°F) Protection: NEMA Type 4, 4X, 6, 6P & IP67 High pressure water test: 1000 psi spray (mated or with closure cap)
Electrical specifications	Dielectric voltage: Withstands 1500V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 250 cycles of overload	Dielectric voltage: Withstands 1500V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 250 cycles of overload
Mechanical specifications	Terminal accommodation: #18 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #18 - #10 AWG Voltage ratings: Permanently marked on device
Materials	Plug/connector outer shell: Santoprene™ thermoplastic elastomeric over glass filled polypropylene Interior body: Nylon Terminal retainer: Clear lexan Blades: .069" thick brass, nickel plated Line contacts: .030"-.032" thick brass, nickel plated Terminal clamps: Steel, nickel plated Terminal screws: #10-32 brass, neutral screw nickel plated Ground screw: #10-32 brass, zinc plated, green Assembly/ mounting screws: Stainless steel Compression nut: Glass-filled nylon Compression nut grommet: Santoprene™	Plug/connector outer shell: Santoprene™ thermoplastic elastomeric over glass filled polypropylene Interior body: Nylon Terminal retainer: Clear lexan Blades: .069" thick brass, nickel plated Line contacts: .030"-.032" thick brass, nickel plated Terminal clamps: Steel, nickel plated Terminal screws: #10-32 brass, neutral screw nickel plated Ground screw: #10-32 brass, zinc plated, green Assembly/ mounting screws: Stainless steel Compression nut: Glass-filled nylon Compression nut grommet: Santoprene™