

# Watertight locking devices

## Innovative solutions for watertight locking applications

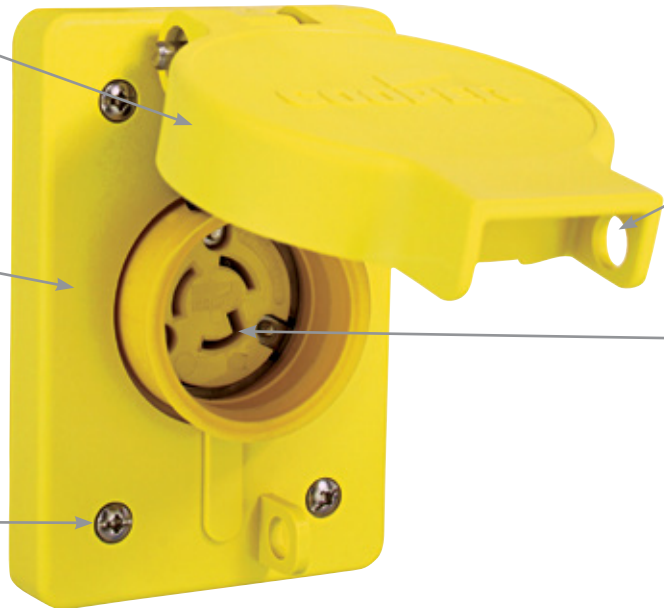
Arrow Hart's watertight locking devices utilize a unique, robust design and superior materials to provide watertight security in harsh environments

### 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



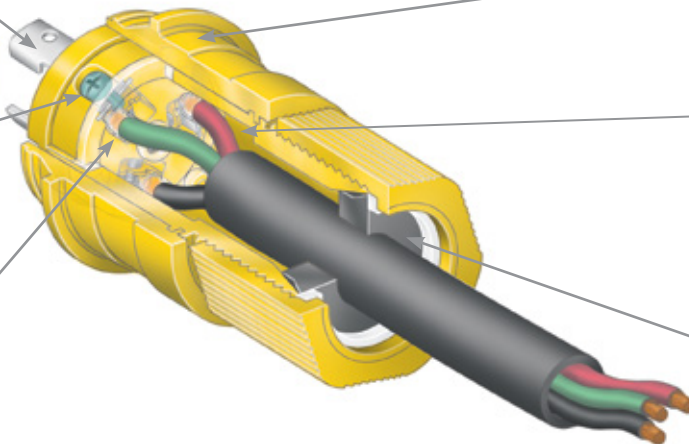
Lockable cover provides means of lockout/tagout

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

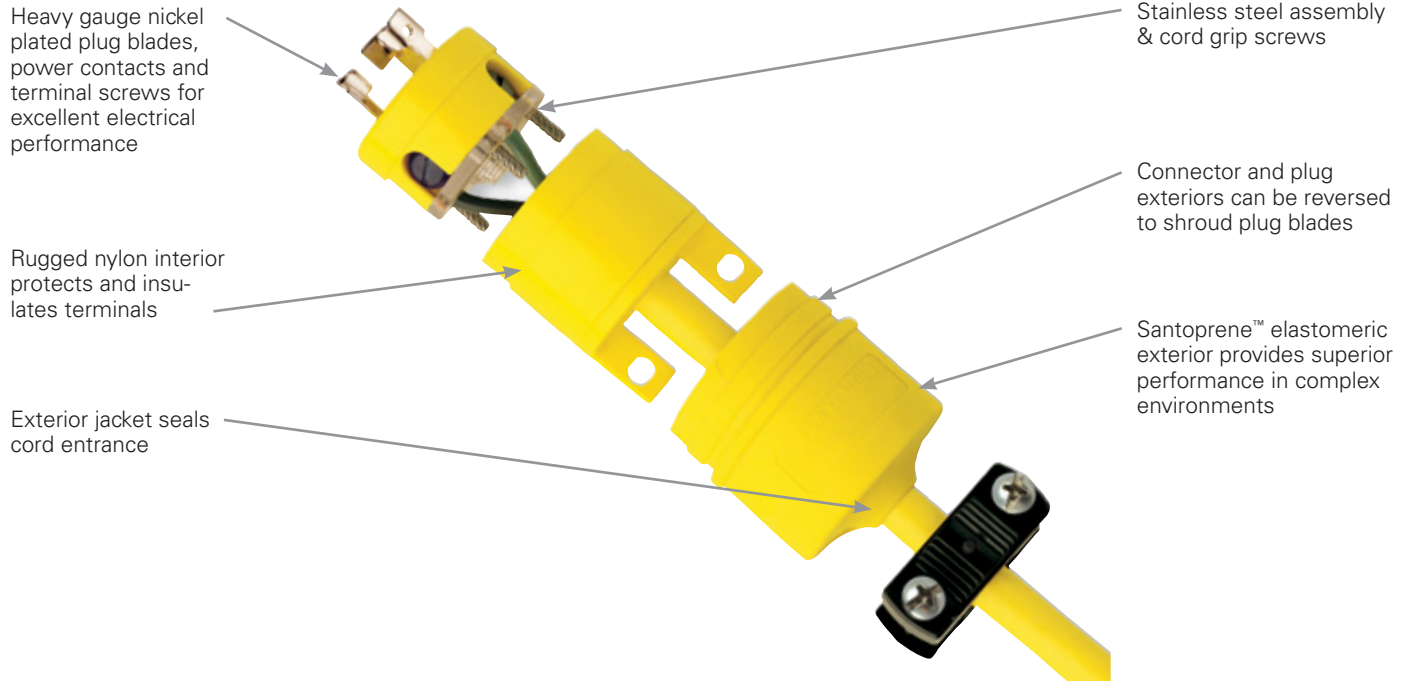
Compliances, specifications and availability are subject to change without notice.

# Severe duty locking devices

## Heavy duty devices for industrial applications

Arrow Hart's unique line of severe duty locking devices are designed and built tough for use in demanding environments with exposure to heat, oil, chemicals, and impact

### Severe duty plugs & connectors features & benefits



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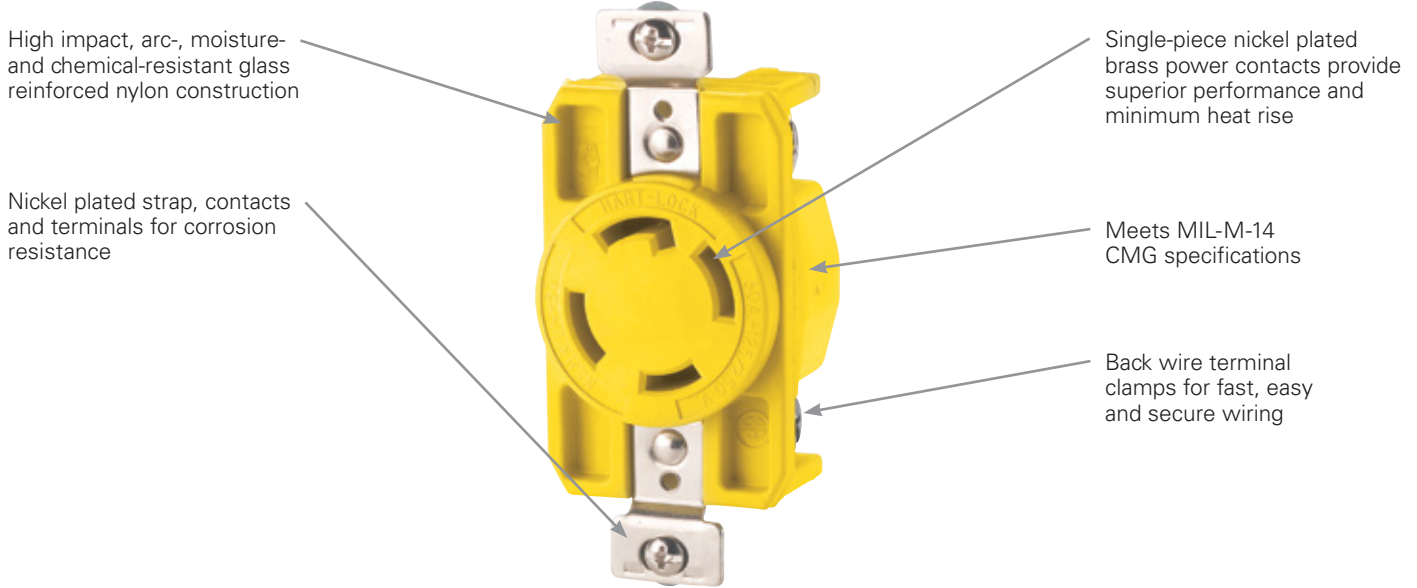
[www.eaton.com](http://www.eaton.com)  
[www.eaton.com/arrowhart](http://www.eaton.com/arrowhart)

# Corrosion resistant locking devices

## Designed specifically for longevity in harsh, corrosive environments

Perfect for industrial or commercial applications, corrosion resistant locking devices are engineered to deliver long, dependable performance in moisture, humidity, and corrosive environments

### Corrosion resistant receptacles features & benefits



### Corrosion resistant plugs & connectors features & benefits



Santoprene™ grommets ensure watertight seal at cord entrance



# Locking devices

## Complex environment locking devices

### Product description

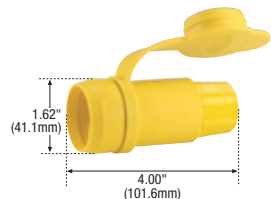
2-pole, 3-wire grounding  
15A, 125V/AC  
NEMA L5-15



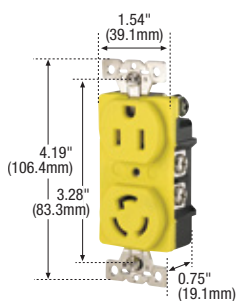
**L5-15R**      **L5-15P**



2447



25W47



CR5792

### Plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	125	L5-15	Watertight	0.30-0.65" (7.6-16.5mm)	Y	□ 24W47*	□ 25W47*		
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	□ 24W47BK*	□ 25W47BK*		
			Auto grip corrosion resistant	0.33-0.66" (8.4-16.7mm)	Y	□ 4721NCR	□ 4731NCR		

\* Not Fed Spec

### Receptacles



Rating A	V/AC	NEMA	Description	Color	Single receptacle catalog no.	Duplex receptacle catalog no.		
15	125	L5-15	Watertight	Y	□ 65W47	□ 65W47DPLX		
			Watertight	BK	□ 65W47BK	□ 65W47DPLXBK		
			Corrosion resistant	Y	--	□ CR4700 <sup>A</sup>		
		L5-15/ 5-15	Corrosion resistant combination locking & straight blade	Y	--	□ CR5792 <sup>††</sup>		

<sup>††</sup>UL Listed Only    <sup>A</sup>UL Listed and CSA certified

## Complex environment locking devices

### Product description

2-pole, 3-wire grounding  
15A, 250V/AC  
NEMA L6-15



**L6-15R**      **L6-15P**

### Plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
15	250	L6-15	Watertight	0.30-0.65" (7.6-16.5mm)	Y	□ 24W49	□ 25W49		
			Watertight	0.30-0.65" (7.6-16.5mm)	BK	□ 24W49BK	□ 25W49BK		

### Receptacles



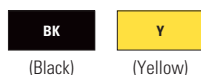
Rating A	V/AC	NEMA	Description	Single receptacle catalog no.	Duplex receptacle catalog no.	
15	250	L6-15	Watertight	□ 65W49	□ 65W49DPLX	
			Watertight	□ 65W49BK	□ 65W49DPLXBK	

#### Dimensional information: D-9

**Specification information:**  
Watertight industrial plugs & connectors: D-36  
Severe duty industrial plugs & connectors: D-37  
Corrosion resistant auto grip industrial plugs & connectors: D-37

#### Color information:

BK (Black), Y (Yellow)



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Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

# Watertight straight blade devices specification & performance data

## Complex environment watertight devices

### Product description

2-pole, 3-wire grounding  
15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC  
NEMA 5-15, 6-15, 5-20, 6-20

Device type	Watertight plugs & connectors, straight blade	Watertight receptacles, straight blade
<b>Wiring type</b>	Back wire	Back wire
<b>Testing &amp; code compliance</b>	<ul style="list-style-type: none"> <li>Listed to UL498, file no. E3663</li> <li>cUL Certified to CSA C22.2, no. 182.2</li> </ul>	<ul style="list-style-type: none"> <li>Listed to UL498, file no. E2369</li> <li>cUL Certified to CAN/CSA C22.2 no. 42-99</li> </ul>
<b>Environmental specifications</b>	<p><b>Flammability:</b> Meets UL94 requirements; V2 rated  <b>Temperature rating:</b> -40°C to 75°C (-40°F to 167°F)  <b>Protection:</b> NEMA Type 4, 4X, 6, 6P &amp; IP67  <b>High pressure water test:</b> 1000 psi spray (mated or with closure cap)</p>	<p><b>Flammability:</b> Meets UL94 requirements; V2 rated  <b>Temperature rating:</b> -40°C to 75°C (-40°F to 167°F)  <b>Protection:</b> NEMA Type 3, 3R, 4, 4X, 12 &amp; IP66  <b>High pressure water test:</b> 1000 psi spray (mated or closed)</p>
<b>Electrical specifications</b>	<p><b>Dielectric voltage:</b> Withstands 1500V per UL498  <b>Current interrupting:</b> Yes, at full-rated current  <b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload</p>	<p><b>Dielectric voltage:</b> Withstands 1554V per UL498  <b>Current interrupting:</b> Yes, at full-rated current  <b>Temperature rise:</b> Max. 30°C (86°F) after 250 cycles of overload</p>
<b>Mechanical specifications</b>	<p><b>Terminal accommodation:</b> #18 - #10 AWG  <b>Voltage ratings:</b> Permanently marked on device</p>	<p><b>Terminal accommodation:</b> #18 - #10 AWG  <b>Voltage ratings:</b> Permanently marked on device</p>
<b>Materials</b>	<p><b>Receptacle flip lid cover &amp; base:</b> N/A</p> <p><b>Receptacle cover spring:</b> N/A  <b>Receptacle lid liner &amp; mounting gasket:</b> N/A</p> <p><b>Plug/connector outer shell:</b> Santoprene™ thermoplastic elastomeric over glass filled polypropylene  <b>Interior body:</b> Nylon  <b>Terminal retainer:</b> Clear lexan  <b>Blades:</b> 0.069" thick brass, nickel plated  <b>Line contacts:</b> 0.030"-0.032" thick brass, nickel plated</p> <p><b>Ground shunt:</b> N/A  <b>Terminal clamps:</b> Steel, nickel plated  <b>Terminal screws:</b> #10-32 brass, neutral screw nickel plated  <b>Ground contact:</b> N/A  <b>Ground screw:</b> #10-32 brass, zinc plated, green  <b>Assembly/ mounting screws:</b> Stainless steel  <b>Compression nut:</b> Nylon  <b>Compression nut grommet:</b> Santoprene™  <b>Receptacle mounting plate:</b> N/A</p>	<p><b>Receptacle flip lid cover &amp; base:</b> Thermoplastic, glass-filled nylon  <b>Receptacle cover spring:</b> Stainless steel, self-closing  <b>Receptacle lid liner &amp; mounting gasket:</b> Santoprene™ thermoplastic elastomeric  <b>Plug/connector outer shell:</b> N/A</p> <p><b>Interior body:</b> Thermoplastic, glass-filled nylon  <b>Terminal retainer:</b> Clear lexan  <b>Blades:</b> N/A  <b>Line contacts:</b> 0.033" thick bronze, nickel plated; two-leaf construction  <b>Ground shunt:</b> Solid brass  <b>Terminal clamps:</b> Steel, nickel plated  <b>Terminal screws:</b> #8-32 brass, neutral screw nickel plated  <b>Ground contact:</b> 0.069" thick brass, nickel plated  <b>Ground screw:</b> #8-32 brass, green  <b>Assembly/ mounting screws:</b> Stainless steel  <b>Compression nut:</b> N/A  <b>Compression nut grommet:</b> N/A  <b>Receptacle mounting plate:</b> Stainless steel</p>