



Complex Environment Devices

Watertight, Severe Duty Insulated and
Corrosion Resistant devices for harsh
industrial environments

 **COOPER** Wiring Devices



Watertight, Severe Duty Insulated & Corrosion Resistant Devices

Arrow Hart® delivers superior performance in the harshest environments

Our family of complex environment devices excel where standard wiring devices are most susceptible to failure: physically abusive areas containing a host of contaminants that attack device integrity like oils, chemicals, water and moisture, UV exposure, ozone and corrosive airborne contaminants.

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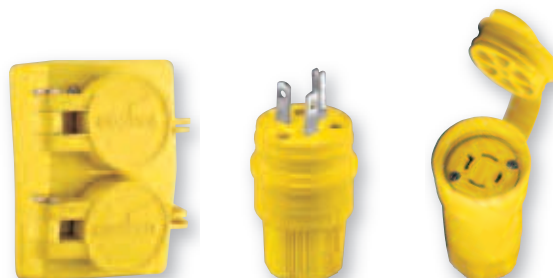
Arrow Hart offers a complete range of solutions for use in complex environments.

- Watertight devices provide safe and reliable watertight connections, ideal for use in wet locations and hose-down areas
- Severe Duty Insulated devices offer superior resistance to UV exposure, ozone and a wide variety of damaging fluids typically found in industrial applications
- Corrosion Resistant devices are engineered to perform where moisture and humidity create corrosive environments
- A full line of accessories are available, designed to compliment the unique performance characteristics of our industrial devices



ARROW/HART®
Watertight Device Applications:

- Food Processing
- Petrochem Production
- Marinas/ Shipbuilding



A complete line of devices designed for complex environments

Select from a complete offering of straight blade and locking devices intended for use in complex and harsh environments, including a wide range of plugs, connectors, receptacles and accessories.



ARROW/HART

Severe Duty Insulated Device Applications:

- Industrial Manufacturing
- Mining & Agriculture
- Warehousing & Refrigeration



ARROW/HART

Corrosion Resistant Device Applications:

- Chemical Processing
- Temporary Power
- Machine Shops/ Millworks



Watertight Device Applications

The most complete offering of watertight wiring devices

Arrow Hart® has the broadest line of industrial locking and straight blade watertight devices. Select from the most extensive offering of plugs, connectors, receptacles and accessories – all providing superior watertight protection.

Application

Watertight devices have been designed for industrial applications in which electrical connections are exposed to liquid splashing and hose-down.

Watertight devices are ideal for industrial manufacturing, food and beverage processing, agriculture applications, chemical production, shipyards and marinas plus wastewater treatment facilities.

These products have excellent resistance to physical abuse, hose-directed water, oils, chemicals, corrosive liquids, airborne particulates and contaminants, UV exposure and ozone attack.

Properly mated plugs and connectors, plugs and receptacles and closed receptacles form a multi-point watertight seal that resists 1,000 psi water spray.



ARROW/HART®



Watertight Device Features & Benefits

Innovative design and rugged materials make our watertight devices your best solution

These versatile products are ideal for food processing plants, oil refineries or chemical processing plants — anywhere that moisture, dirt or corrosive elements may be a factor.

1 Spring-loaded self-closing flip lid cover ensures a watertight seal when the receptacle is not in use – even in water spray at 1,000 psi

2 Nickel-plated power contacts and terminal assemblies

3 Stainless steel mounting and assembly screws provide corrosion resistance

4 The flip lid cover in the closed position facilitates OSHA lockout/tagout requirements

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

6 Quick-drive stainless steel assembly screws provide corrosion resistance and fast assembly

7 Nickel-plated power contacts, blades and terminal screws provide corrosion resistance

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

9 Glass reinforced nylon interior and elastomeric exterior molded together for watertight seal and rugged support

10 Santoprene™ thermoplastic elastomeric exterior outperforms rubber when exposed to moisture, chemicals, oils, and the effects of UV exposure and ozone

11 Neoprene grommet ensures a watertight seal

11 Sealing system provides multipoint watertight seal

Watertight Receptacles

Watertight Plugs & Connectors

Related Products

A full range of complimentary products designed specifically for wet and hose-down environments are available.



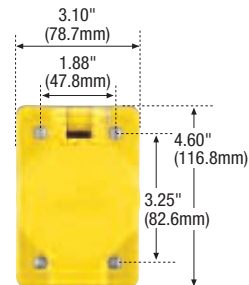
Watertight Devices

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Project Number:	Date:
Catalog Number:	Type:

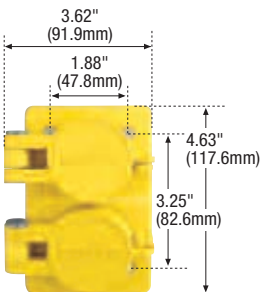


Straight Blade Receptacles, Plugs & Connectors

2-Pole, 3-Wire Grounding
15A; 125, 250V/AC
20A; 125, 250V/AC



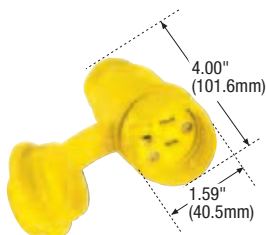
60W33



60W48DPLX



14W47



15W47

Industrial Specification Grade Straight Blade Devices

FEATURES

- Thermoplastic elastomeric exterior outperforms rubber when exposed to moisture, chemicals, oils, and the effects of UV exposure and ozone attack.
- Mated plug and connector or plug and receptacle form a watertight seal that meets NEMA and IEC IP ratings (see specification sheet for details) and withstands water spray test at 1000 psi.
- High visibility safety yellow for identification.
- Power 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.
- Receptacles have self-closing spring loaded flip lid covers.

Straight Blade Receptacles – 2-Pole, 3-Wire



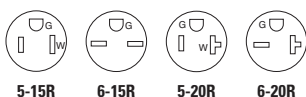
Rating A	V/AC	NEMA	Cord Diameter	Catalog No.	
				Single	Duplex
15	125	5-15	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 60W47	<input type="checkbox"/> 60W47DPLX
15	250	6-15	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 60W49	<input type="checkbox"/> 60W49DPLX
20	125	5-20	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 60W33	<input type="checkbox"/> 60W33DPLX
20	250	6-20	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 60W48	<input type="checkbox"/> 60W48DPLX

Straight Blade Plugs & Connectors – 2-Pole, 3-Wire



Rating A	V/AC	NEMA	Cord Diameter	Catalog No.	
				Plug	Connector
15	125	5-15	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 14W47	<input type="checkbox"/> 15W47
15	250	6-15	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 14W49	<input type="checkbox"/> 15W49
20	125	5-20	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 14W33	<input type="checkbox"/> 15W33
20	250	6-20	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 14W48	<input type="checkbox"/> 15W48

For all-black devices, add color code BK after catalog number. 14W47BK and 15W47BK are available for immediate shipment. All other all-black items are available for quick-shipment within 10 days. For quantities over 100, consult factory for lead times.



TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E2369 (receptacles) or E3663 (plugs & connectors)
- cUL Certified to CAN/CSA C22.2 no. 42-99 (receptacles) or C22.2, no. 182.2 (plugs & connectors)

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: -40°C to 75°C (-40°F to 167°F)

Watertight Devices

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

ARROWHART® Locking Receptacles, Plugs & Connectors

2-Pole, 3-Wire Grounding
 15A; 125, 250, 277V/AC
 20A; 125, 250, 277, 480V/AC
 30A; 125, 250, 277, 480V/AC

Industrial Specification Grade Hart-Lock® Devices

FEATURES

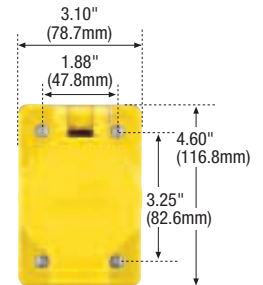
- Thermoplastic elastomeric exterior outperforms rubber when exposed to moisture, chemicals, oils, and the effects of UV exposure and ozone attack.
- Mated plug and connector or plug and receptacle form a watertight seal that meets NEMA and IEC IP ratings (see specification sheet for details) and withstands water spray test at 1000 psi.
- High visibility safety yellow for identification.
- Power 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.
- Receptacles have self-closing spring loaded flip lid covers.

Locking Devices – 2-Pole, 3-Wire

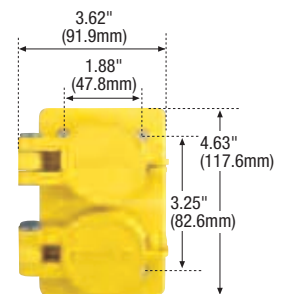


Rating A	V/AC	NEMA	Cord Diameter	Catalog No.		Receptacle	
				Plug	Connector	Single	Duplex
15	125	L5-15	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 24W47	<input type="checkbox"/> 25W47	<input type="checkbox"/> 65W47	<input type="checkbox"/> 65W47DPLX
15	250	L6-15	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 24W49	<input type="checkbox"/> 25W49	<input type="checkbox"/> 65W49	<input type="checkbox"/> 65W49DPLX
15	277	L7-15	0.30"-0.65" (7.6mm-16.5mm)	<input type="checkbox"/> 24W34	<input type="checkbox"/> 25W34	<input type="checkbox"/> 65W34	<input type="checkbox"/> 65W34DPLX
20	125	L5-20	0.36"-0.84" (9.1mm-21.3mm)	<input type="checkbox"/> L520PW	<input type="checkbox"/> L520CW	<input type="checkbox"/> L520RW	-
20	250	L6-20	0.36"-0.84" (9.1mm-21.3mm)	<input type="checkbox"/> L620PW	<input type="checkbox"/> L620CW	<input type="checkbox"/> L620RW	-
20	277	L7-20	0.36"-0.84" (9.1mm-21.3mm)	<input type="checkbox"/> L720PW	<input type="checkbox"/> L720CW	<input type="checkbox"/> L720RW	-
20	480	L8-20	0.36"-0.84" (9.1mm-21.3mm)	<input type="checkbox"/> L820PW	<input type="checkbox"/> L820CW	<input type="checkbox"/> L820RW	-
30	125	L5-30	0.43"-1.15" (10.9mm-29.2mm)	<input type="checkbox"/> L530PW	<input type="checkbox"/> L530CW	<input type="checkbox"/> L530RW	-
30	250	L6-30	0.43"-1.15" (10.9mm-29.2mm)	<input type="checkbox"/> L630PW	<input type="checkbox"/> L630CW	<input type="checkbox"/> L630RW	-
30	277	L7-30	0.43"-1.15" (10.9mm-29.2mm)	<input type="checkbox"/> L730PW	<input type="checkbox"/> L730CW	<input type="checkbox"/> L730RW	-
30	480	L8-30	0.43"-1.15" (10.9mm-29.2mm)	<input type="checkbox"/> L830PW	<input type="checkbox"/> L830CW	<input type="checkbox"/> L830RW	-

For all-black devices, add color code BK after catalog number. All-black items are available for quick-shipment within 10 days. For quantities over 100, consult factory for lead times.



L530RW



65W47DPLX



24W47



25W47



TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E2369 (receptacles) or E3663 (plugs & connectors)
- cUL Certified to CAN/CSA C22.2 no. 42-99 (receptacles) or C22.2, no. 182.2 (plugs & connectors)

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: -40°C to 75°C (-40°F to 167°F)

Watertight Devices

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



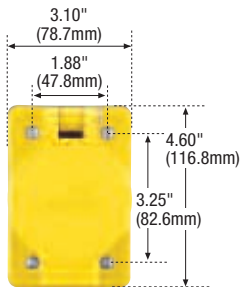
Locking Receptacles, Plugs & Connectors

3-Pole, 3-Wire Non-Grounding
 3-Pole, 4-Wire Grounding
 20A; 125/250, 3Ø 250, 3Ø 480V/AC
 30A; 125/250, 3Ø 250, 3Ø 480, 3Ø 600V/AC

Industrial Specification Grade Hart-Lock® Devices

FEATURES

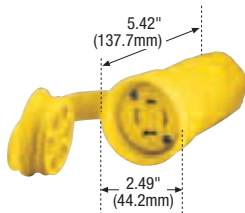
- Thermoplastic elastomeric exterior outperforms rubber when exposed to moisture, chemicals, oils, and the effects of UV exposure and ozone attack.
- Mated plug and connector or plug and receptacle form a watertight seal that meets NEMA and IEC IP ratings (see specification sheet for details) and withstands water spray test at 1000 psi.
- High visibility safety yellow for identification.
- Power 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.
- Receptacles have self-closing spring loaded flip lid covers.



L1620RW



L1020PW



L1420CW



Locking Devices – 3-Pole, 3-Wire



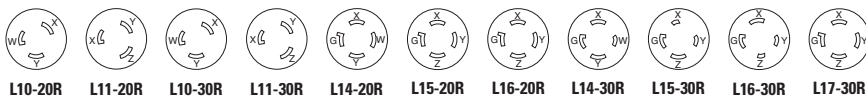
Rating A	V/AC	NEMA	Cord Diameter	Plug	Catalog No. Connector	Single Receptacle
20	125/250	Non-NEMA	0.36"-0.84" (9.1mm-21.3mm)	□ 9965PW	□ 7314CW	□ 7314RW
20	125/250	L10-20	0.36"-0.84" (9.1mm-21.3mm)	□ L1020PW	□ L1020CW	□ L1020RW
20	3Ø 250	L11-20	0.36"-0.84" (9.1mm-21.3mm)	□ L1120PW	□ L1120CW	□ L1120RW
30	125/250	L10-30	0.43"-1.15" (10.9mm-29.2mm)	□ L1030PW	□ L1030CW	□ L1030RW
30	125/250	Non-NEMA	0.43"-1.15" (10.9mm-29.2mm)	□ 3331PW	□ 3333CW	□ 3333RW
30	3Ø 250	L11-30	0.43"-1.15" (10.9mm-29.2mm)	□ L1130PW	□ L1130CW	□ L1130RW

Locking Devices – 3-Pole, 4-Wire



Rating A	V/AC	NEMA	Cord Diameter	Plug	Catalog No. Connector	Single Receptacle
20	125/250	L14-20	0.36"-0.84" (9.1mm-21.3mm)	□ L1420PW	□ L1420CW	□ L1420RW
20	3Ø 250	L15-20	0.36"-0.84" (9.1mm-21.3mm)	□ L1520PW	□ L1520CW	□ L1520RW
20	3Ø 480	L16-20	0.36"-0.84" (9.1mm-21.3mm)	□ L1620PW	□ L1620CW	□ L1620RW
30	125/250	L14-30	0.43"-1.15" (10.9mm-29.2mm)	□ L1430PW	□ L1430CW	□ L1430RW
30	3Ø 250	L15-30	0.43"-1.15" (10.9mm-29.2mm)	□ L1530PW	□ L1530CW	□ L1530RW
30	3Ø 480	L16-30	0.43"-1.15" (10.9mm-29.2mm)	□ L1630PW	□ L1630CW	□ L1630RW
30	3Ø 600	L17-30	0.43"-1.15" (10.9mm-29.2mm)	□ L1730PW	□ L1730CW	□ L1730RW

For all-black devices, add color code BK after catalog number. All-black items are available for quick-shipment within 10 days. For quantities over 100, consult factory for lead times.



TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E2369 (receptacles) or E3663 (plugs & connectors)
- cUL Certified to CAN/CSA C22.2 no. 42-99 (receptacles) or C22.2, no. 182.2 (plugs & connectors)

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: -40°C to 75°C (-40°F to 167°F)

Watertight Devices

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

ARROW/HART® Locking Receptacles, Plugs & Connectors

4-Pole, 4-Wire Non-Grounding
 20A; 3ØY 120/208, 3ØY 277/480, 3ØY 347/600V/AC
 30A; 3ØY 120/208, 3ØY 277/480, 3ØY 347/600V/AC

Industrial Specification Grade Hart-Lock® Devices

FEATURES

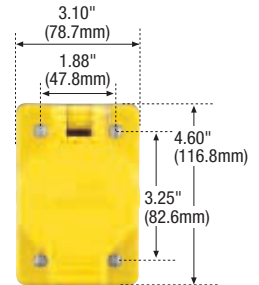
- Thermoplastic elastomeric exterior outperforms rubber when exposed to moisture, chemicals, oils, and the effects of UV exposure and ozone attack.
- Mated plug and connector or plug and receptacle form a watertight seal that meets NEMA and IEC IP ratings (see specification sheet for details) and withstands water spray test at 1000 psi.
- High visibility safety yellow for identification.
- Power 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.
- Receptacles have self-closing spring loaded flip lid covers.

Locking Devices – 4-Pole, 4-Wire

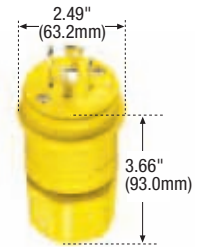


Rating A	V/AC	NEMA	Cord Diameter	Plug	Catalog No. Connector	Single Receptacle
20	3ØY 120/208	Non-NEMA	0.36"-0.84" (9.1mm-21.3mm)	□ 7411PW	□ 7413CW	□ 7413RW
20	3ØY 120/208	L18-20	0.36"-0.84" (9.1mm-21.3mm)	□ L1820PW	□ L1820CW	□ L1820RW
20	3ØY 277/480	L19-20	0.36"-0.84" (9.1mm-21.3mm)	□ L1920PW	□ L1920CW	□ L1920RW
20	3ØY 347/600	L20-20	0.36"-0.84" (9.1mm-21.3mm)	□ L2020PW	□ L2020CW	□ L2020RW
30	3ØY 120/208	Non-NEMA	0.43"-1.15" (10.9mm-29.2mm)	□ 3431PW	□ 3433CW	□ 3433RW
30	3ØY 120/208	L18-30	0.43"-1.15" (10.9mm-29.2mm)	□ L1830PW	□ L1830CW	□ L1830RW
30	3ØY 277/480	L19-30	0.43"-1.15" (10.9mm-29.2mm)	□ L1930PW	□ L1930CW	□ L1930RW
30	3ØY 347/600	L20-30	0.43"-1.15" (10.9mm-29.2mm)	□ L2030PW	□ L2030CW	□ L2030RW

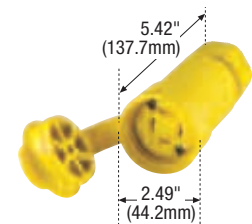
For all-black devices, add color code BK after catalog number. All-black items are available for quick-shipment within 10 days. For quantities over 100, consult factory for lead times.



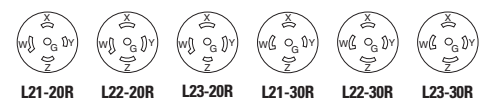
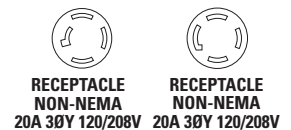
L2030RW



L1820PW



L1820CW



TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E2369 (receptacles) or E3663 (plugs & connectors)
- cUL Certified to CAN/CSA C22.2 no. 42-99 (receptacles) or C22.2, no. 182.2 (plugs & connectors)

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: -40°C to 75°C (-40°F to 167°F)

Watertight Devices

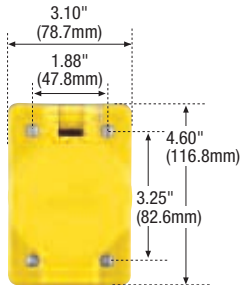
Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:



Locking Receptacles, Plugs & Connectors

4-Pole, 5-Wire Grounding

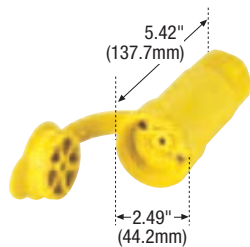
20A; 3ØY 120/208, 3ØY 277/480, 3ØY 347/600V/AC
30A; 3ØY 120/208, 3ØY 277/480, 3ØY 347/600V/AC



L2330RW



L2120PW



L2120CW

Industrial Specification Grade Hart-Lock® Devices

FEATURES

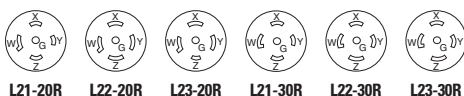
- Thermoplastic elastomeric exterior outperforms rubber when exposed to moisture, chemicals, oils, and the effects of UV exposure and ozone attack.
- Mated plug and connector or plug and receptacle form a watertight seal that meets NEMA and IEC IP ratings (see specification sheet for details) and withstands water spray test at 1000 psi.
- High visibility safety yellow for identification.
- Power 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.
- Receptacles have self-closing spring loaded flip lid covers.

Locking Devices – 4-Pole, 5-Wire



Rating	A	V/AC	NEMA	Cord Diameter	Plug	Catalog No. Connector	Single Receptacle
20	3ØY	120/208	L21-20	0.36"-0.84" (9.1mm-21.3mm)	<input type="checkbox"/> L2120PW	<input type="checkbox"/> L2120CW	<input type="checkbox"/> L2120RW
20	3ØY	277/480	L22-20	0.36"-0.84" (9.1mm-21.3mm)	<input type="checkbox"/> L2220PW	<input type="checkbox"/> L2220CW	<input type="checkbox"/> L2220RW
20	3ØY	347/600	L23-20	0.36"-0.84" (9.1mm-21.3mm)	<input type="checkbox"/> L2320PW	<input type="checkbox"/> L2320CW	<input type="checkbox"/> L2320RW
30	3ØY	120/208	L21-30	0.43"-1.15" (10.9mm-29.2mm)	<input type="checkbox"/> L2130PW	<input type="checkbox"/> L2130CW	<input type="checkbox"/> L2130RW
30	3ØY	277/480	L22-30	0.43"-1.15" (10.9mm-29.2mm)	<input type="checkbox"/> L2230PW	<input type="checkbox"/> L2230CW	<input type="checkbox"/> L2230RW
30	3ØY	347/600	L23-30	0.43"-1.15" (10.9mm-29.2mm)	<input type="checkbox"/> L2330PW	<input type="checkbox"/> L2330CW	<input type="checkbox"/> L2330RW

For all-black devices, add color code BK after catalog number. All-black items are available for quick-shipment within 10 days. For quantities over 100, consult factory for lead times.



TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E2369 (receptacles) or E3663 (plugs & connectors)
- cUL Certified to CAN/CSA C22.2 no. 42-99 (receptacles) or C22.2, no. 182.2 (plugs & connectors)

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: -40°C to 75°C (-40°F to 167°F)

Severe Duty Insulated Device Applications

Choose from an extensive line of rugged industrial devices

Where typical devices fail, Arrow Hart's® Industrial Severe Duty Insulated Devices exceed expectations. Select from a complete line of locking or straight blade plugs and connectors for your industrial application.



ARROW/HART®

Application

Severe Duty Insulated Devices have been designed specifically for industrial applications where electrical connections are exposed to dust, dirt, corrosive elements and physical abuse.

Insulated devices are ideal for industrial manufacturing, agriculture applications, construction, warehousing and chemical processing environments.

These products have excellent resistance to physical abuse, metal chips, foreign particulates, corrosion, airborne contaminants, UV exposure and ozone attack.

Superior materials and design provide excellent insulation and durability properties in complex industrial environments.

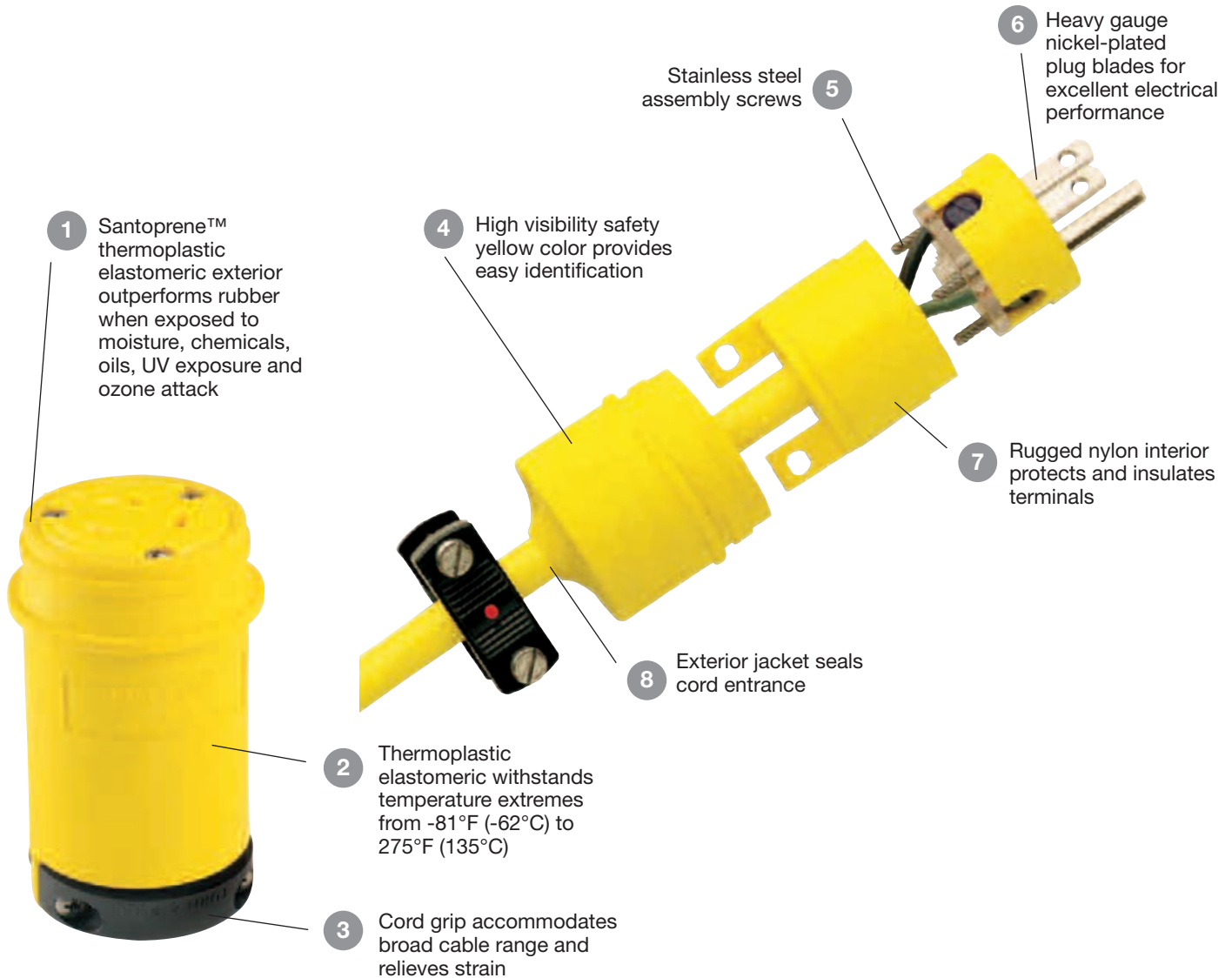
Our Santoprene™ Thermoplastic Elastomer devices easily outperform rubber construction plugs and connectors under any conditions.



Severe Duty Insulated Device Features & Benefits

Solid construction to meet your rigorous demands

Ideal for manufacturing locations, industrial plants and agricultural applications, our insulated devices are designed to resist dust, dirt, chemicals, corrosion and physical abuse.



Related Products

A full range of complimentary products designed specifically for industrial environments are available.



Closure Cap
For Plugs or Connectors



Wire Mesh Grips
Industrial Cable Strain Relief



Weather Protective Boots
For Plugs or Connectors

Severe Duty Insulated Devices

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



Straight Blade & Locking Plugs & Connectors

2-Pole, 3-Wire Grounding
15A; 125, 250, 277V/AC
20A; 125, 250, 277, 480V/AC
30A; 125, 250, 277, 480V/AC

Industrial Specification Grade Straight Blade & Hart-Lock® Devices

FEATURES

- Thermoplastic elastomeric exterior outperforms rubber in harsh environments.
- Connector and plug exteriors can be reversed to shroud plug blades.
- Available closure cap can be used on plug or connector to protect from contamination.
- High visibility safety yellow for identification.
- Power contacts, blades and terminal screws are nickel-plated for corrosion resistance.
- Stainless steel assembly and cord grip screws provide corrosion resistance.

Straight Blade Plugs & Connectors – 2-Pole, 3-Wire

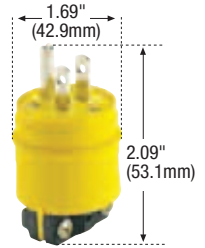


Rating A	V/AC	NEMA	Cord Diameter	Plug	Connector
15	125	5-15	0.375"-1.000" (19.05mm-25.4mm)	□ 1447	□ 1547
15	250	6-15	0.375"-1.000" (19.05mm-25.4mm)	□ 1449	□ 1549
20	125	5-20	0.375"-1.000" (19.05mm-25.4mm)	□ 1433	□ 1533
20	250	6-20	0.375"-1.000" (19.05mm-25.4mm)	□ 1448	□ 1548

Locking Plugs & Connectors – 2-Pole, 3-Wire



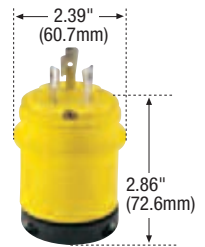
Rating A	V/AC	NEMA	Cord Diameter	Plug	Connector
15	125	L5-15	0.375"-1.000" (19.05mm-25.4mm)	□ 2447	□ 2547
15	250	L6-15	0.375"-1.000" (19.05mm-25.4mm)	□ 2449	□ 2549
15	277	L7-15	0.375"-1.000" (19.05mm-25.4mm)	□ 2434	□ 2534
20	125	L5-20	0.375"-1.000" (19.05mm-25.4mm)	□ L520PY	□ L520CY
20	250	L6-20	0.375"-1.000" (19.05mm-25.4mm)	□ L620PY	□ L620CY
20	277	L7-20	0.375"-1.000" (19.05mm-25.4mm)	□ L720PY	□ L720CY
20	480	L8-20	0.375"-1.000" (19.05mm-25.4mm)	□ L820PY	□ L820CY
30	125	L5-30	0.375"-1.000" (19.05mm-25.4mm)	□ L530PY	□ L530CY
30	250	L6-30	0.375"-1.000" (19.05mm-25.4mm)	□ L630PY	□ L630CY
30	277	L7-30	0.375"-1.000" (19.05mm-25.4mm)	□ L730PY	□ L730CY
30	480	L8-30	0.375"-1.000" (19.05mm-25.4mm)	□ L830PY	□ L830CY



1447



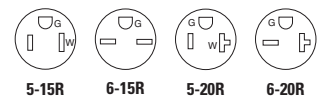
1547



L520PY



L520CY



TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E3663
- cUL Certified to C22.2, no. 182.2

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: -40°C to 75°C (-40°F to 167°F)

Severe Duty Insulated Devices

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



Locking Plugs & Connectors

3-Pole, 3-Wire Non-Grounding
 3-Pole, 4-Wire Grounding
 20A; 125/250, 3Ø 250, 3Ø 480V/AC
 30A; 125/250, 3Ø 250, 3Ø 480, 3Ø 600V/AC

Industrial Specification Grade Hart-Lock® Devices

FEATURES

- Thermoplastic elastomeric exterior outperforms rubber in harsh environments.
- Connector and plug exteriors can be reversed to shroud plug blades.
- Available closure cap can be used on plug or connector to protect from contamination.
- High visibility safety yellow for identification.
- Power contacts, blades and terminal screws are nickel-plated for corrosion resistance.
- Stainless steel assembly and cord grip screws provide corrosion resistance.



L1020PY



L1020CY

Locking Plugs & Connectors – 3-Pole, 3-Wire



Rating A	V/AC	NEMA	Cord Diameter	Catalog No.	
				Plug	Connector
20	125/250	Non-NEMA	0.375"-1.000" (19.05mm-25.40mm)	□ 9965PY	□ 7314CY
20	125/250	L10-20	0.375"-1.000" (19.05mm-25.40mm)	□ L1020PY	□ L1020CY
20	3Ø 250	L11-20	0.375"-1.000" (19.05mm-25.40mm)	□ L1120PY	□ L1120CY
30	125/250	L10-30	0.375"-1.000" (19.05mm-25.40mm)	□ L1030PY	□ L1030CY
30	125/250	Non-NEMA	0.375"-1.000" (19.05mm-25.40mm)	□ 3331PY	□ 3333CY
30	3Ø 250	L11-30	0.375"-1.000" (19.05mm-25.40mm)	□ L1130PY	□ L1130CY

Locking Plugs & Connectors – 3-Pole, 4-Wire



Rating A	V/AC	NEMA	Cord Diameter	Catalog No.	
				Plug	Connector
20	125/250	L14-20	0.625"-1.156" (15.90mm-29.36mm)	□ L1420PY	□ L1420CY
20	3Ø 250	L15-20	0.625"-1.156" (15.90mm-29.36mm)	□ L1520PY	□ L1520CY
20	3Ø 480	L16-20	0.625"-1.156" (15.90mm-29.36mm)	□ L1620PY	□ L1620CY
30	125/250	L14-30	0.625"-1.156" (15.90mm-29.36mm)	□ L1430PY	□ L1430CY
30	3Ø 250	L15-30	0.625"-1.156" (15.90mm-29.36mm)	□ L1530PY	□ L1530CY
30	3Ø 480	L16-30	0.625"-1.156" (15.90mm-29.36mm)	□ L1630PY	□ L1630CY
30	3Ø 600	L17-30	0.625"-1.156" (15.90mm-29.36mm)	□ L1730PY	□ L1730CY



RECEPTACLE
NON-NEMA
20A 125V/250V



RECEPTACLE
NON-NEMA
30A 125V/250V



L10-20R



L11-20R



L10-30R



L11-30R



L14-20R



L15-20R



L16-20R



L14-30R



L15-30R



L16-30R



L17-30R

TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E3663
- cUL Certified to C22.2, no. 182.2

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: -40°C to 75°C (-40°F to 167°F)

Severe Duty Insulated Devices

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

ARROW/HART® Locking Plugs & Connectors

4-Pole, 4-Wire Non-Grounding
 4-Pole, 5-Wire Grounding
 20A; 3ØY 120/208, 3ØY 277/480, 3ØY 347/600V/AC
 30A; 3ØY 125/208, 3ØY 277/480, 3ØY 347/600V/AC

Industrial Specification Grade Hart-Lock® Devices

FEATURES

- Thermoplastic elastomeric exterior outperforms rubber in harsh environments.
- Connector and plug exteriors can be reversed to shroud plug blades.
- Available closure cap can be used on plug or connector to protect from contamination.
- High visibility safety yellow for identification.
- Power contacts, blades and terminal screws are nickel-plated for corrosion resistance.
- Stainless steel assembly and cord grip screws provide corrosion resistance.



L1820PY



L1820CY

Locking Plugs & Connectors – 4-Pole, 4-Wire



Rating A	V/AC	NEMA	Cord Diameter	Catalog No.	
				Plug	Connector
20	3ØY 120/208	Non-NEMA	0.625"-1.156" (15.90mm-29.36mm)	□ 7411PY	□ 7413CY
20	3ØY 120/208	L18-20	0.625"-1.156" (15.90mm-29.36mm)	□ L1820PY	□ L1820CY
20	3ØY 277/480	L19-20	0.625"-1.156" (15.90mm-29.36mm)	□ L1920PY	□ L1920CY
20	3ØY 347/600	L20-20	0.625"-1.156" (15.90mm-29.36mm)	□ L2020PY	□ L2020CY
30	3ØY 120/208	Non-NEMA	0.625"-1.156" (15.90mm-29.36mm)	□ 3431PY	□ 3433CY
30	3ØY 120/208	L18-30	0.625"-1.156" (15.90mm-29.36mm)	□ L1830PY	□ L1830CY
30	3ØY 277/480	L19-30	0.625"-1.156" (15.90mm-29.36mm)	□ L1930PY	□ L1930CY
30	3ØY 347/600	L20-30	0.625"-1.156" (15.90mm-29.36mm)	□ L2030PY	□ L2030CY

Locking Plugs & Connectors – 4-Pole, 5-Wire



Rating A	V/AC	NEMA	Cord Diameter	Catalog No.	
				Plug	Connector
20	3ØY 120/208	L21-20	0.625-1.156" (15.90-29.36mm)	□ L2120PY	□ L2120CY
20	3ØY 277/480	L22-20	0.625-1.156" (15.90-29.36mm)	□ L2220PY	□ L2220CY
20	3ØY 347/600	L23-20	0.625-1.156" (15.90-29.36mm)	□ L2320PY	□ L2320CY
30	3ØY 120/208	L21-30	0.625-1.156" (15.90-29.36mm)	□ L2130PY	□ L2130CY
30	3ØY 277/480	L22-30	0.625-1.156" (15.90-29.36mm)	□ L2230PY	□ L2230CY
30	3ØY 347/600	L23-30	0.625-1.156" (15.90-29.36mm)	□ L2330PY	□ L2330CY



RECEPTACLE
NON-NEMA
20A 3ØY 120/208V



RECEPTACLE
NON-NEMA
30A 3ØY 120/208V



L18-20R L19-20R L20-20R L18-30R L19-30R L20-30R L21-20R L22-20R L23-20R L21-30R L22-30R L23-30R

TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E3663
- cUL Certified to C22.2, no. 182.2

MATERIAL CHARACTERISTICS

- Environmental: Flammability meets UL 94 requirements; V2 rated
- Temperature Rating: -40°C to 75°C (-40°F to 167°F)

Corrosion Resistant Device Applications

The right device for moist and humid applications

Select from a wide range of truly unique locking and straight blade plugs, connectors and receptacles designed for use in corrosive environments.

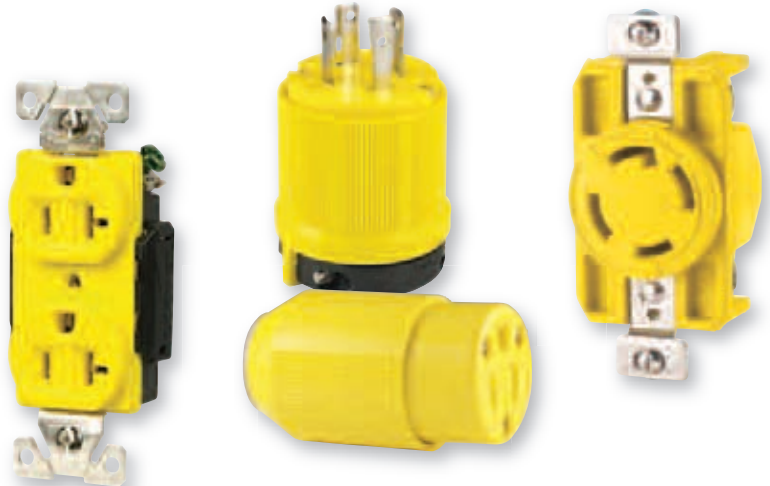
Application

Corrosion Resistant devices have been designed specifically for environments where moisture and humidity create problems for electrical connections.

Corrosion Resistant devices are ideal for industrial manufacturing, food processing, agriculture applications, and washdown environments.

These products have excellent resistance to physical abuse and corrosive elements plus airborne particulates and contaminants, providing dependable performance where typical devices fail.

Nickel-plated power contacts, terminals, blades and straps deliver enhanced corrosion resistance with excellent electrical performance.



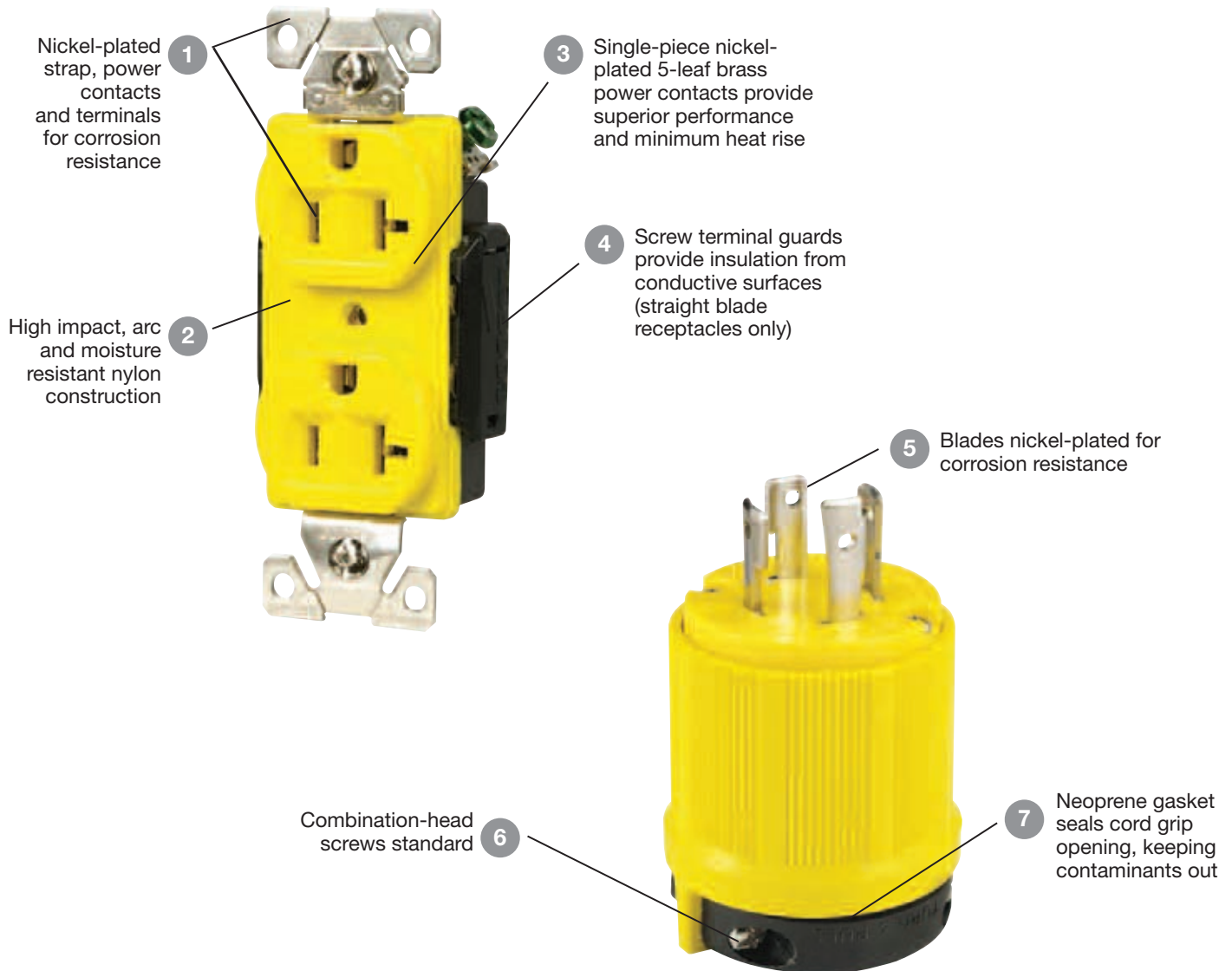
ARROW/HART[®]



Corrosion Resistant Device Features & Benefits

Designed specifically for longevity in harsh, corrosive environments

Perfect for industrial or commercial applications, corrosion resistant devices are engineered to deliver long, dependable performance in moisture, humidity, and airborne contaminant-laden corrosive environments.



Related Products

A full range of complimentary products designed specifically to protect the electrical infrastructure in corrosive environments are available.



Wet Location Covers
For FS/FD Boxes
With Receptacles



Corrosion Resistant Back Boxes
In Non-metallic & Metal Versions



Weather Protective Boots
For Plugs & Connectors

Corrosion Resistant Devices

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



Straight Blade & Locking Receptacles, Plugs & Connectors

2-Pole, 3-Wire Grounding; 3-Pole, 4-Wire Grounding
 15A; 125V/AC
 20A; 125, 250, 125/250, 3Ø 250V/AC
 30A; 125, 250, 125/250V/AC

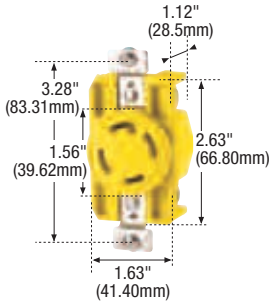
Industrial Specification Grade Straight Blade & Hart-Lock® Devices

FEATURES

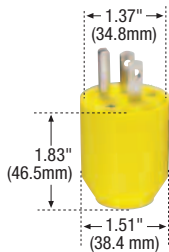
- Nickel-plated straps, blades, power contacts and terminals provide corrosion resistance.
- All-nylon construction for high impact- and chemical-resistance.
- Back wire terminal clamps for fast, easy and secure wiring.
- Combination head screws standard.
- Receptacles feature one-piece nickel-plated brass power contacts to provide superior performance and minimum heat rise.
- Plugs and connectors have a cord hole neoprene gasket to seal out dust and debris.
- Plugs and connectors feature individual wiring compartments with tapered channels for easy insertion of wires.



5262CR



CRL1430R



5266NCR



CRL520C

Popular Straight Blade & Locking Receptacles



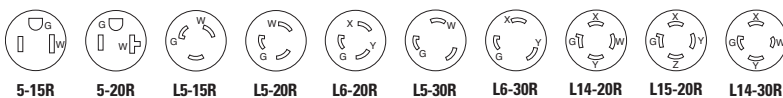
Rating A	V/AC	NEMA	Description	Catalog No.
15	125	5-15	Straight Blade Duplex Receptacle	□ 5262CR
15	125	L5-15	Locking Duplex Receptacle	□ CR4700
20	125	5-20	Straight Blade Duplex Receptacle	□ 5362CR
20	125	L5-20	Locking Single Receptacle	□ CRL520R
20	250	L6-20	Locking Single Receptacle	□ CRL620R
20	125/250	L14-20	Locking Single Receptacle	□ CRL1420R
20	3Ø 250	L15-20	Locking Single Receptacle	□ CRL1520R
30	125	L5-30	Locking Single Receptacle	□ CRL530R
30	250	L6-30	Locking Single Receptacle	□ CRL630R
30	125/250	L14-30	Locking Single Receptacle	□ CRL1430R

Popular Straight Blade & Locking Plugs & Connectors



Rating A	V/AC	NEMA	Description	Cord Diameter	Plug	Connector
15	125	5-15	Straight Blade Straight Body	0.250"-0.656" (6.40mm-16.70mm)	□ 5266NCR	□ 5269NCR
20	125	5-20	Straight Blade Straight Body	0.250"-0.656" (6.40mm-16.70mm)	□ 5366NCR	□ 5369NCR
20	125	L5-20	Locking Straight Body	0.375"-1.000" (19.05mm-25.40mm)	□ CRL520P	□ CRL520C
20	250	L6-20	Locking Straight Body	0.375"-1.000" (19.05mm-25.40mm)	□ CRL620P	□ CRL620C
30	125	L5-30	Locking Straight Body	0.375"-1.000" (19.05mm-25.40mm)	□ CRL530P	□ CRL530C
30	250	L6-30	Locking Straight Body	0.375"-1.000" (19.05mm-25.40mm)	□ CRL630P	□ CRL630C

Additional configurations available, visit www.cooperwiringdevices.com for more information.



TESTING & CODE COMPLIANCE

- Listed to UL 498, file no. E2369 (receptacles) or E3663 (plugs & connectors)
- UL verified to Federal Spec. WC-596F
- CSA certified to C22.2, no. 42, file no. 6914 (6233-01) (receptacles) or cUL Certified to C22.2, no. 42 (plugs & connectors)
- NOM certified (straight blade receptacles only)

MATERIAL CHARACTERISTICS

- Environmental: Flammability: meets UL 94 requirements; V2 rated
- Temperature Rating: -20°C to 70°C (-4°F to 158°F), except straight blade plugs & connectors: -20°C to 75°C (-4°F to 167°F) and locking plugs & connectors: -40°C to 75°C (-40°F to 167°F)

Choose from a variety of rugged, dependable devices for complex environments

Cooper Wiring Devices has the products and accessories you need to protect your wiring devices from corrosion, wet locations, environmental exposure and hose-down applications.



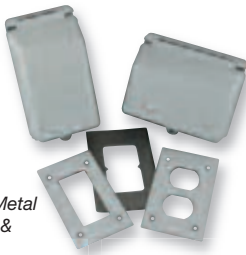
Deluxe Wet Location Cover WLRD1



Nylon Wet Location Cover 7788CR

Wet Location Covers

Rugged metal deluxe wet location covers feature self-closing spring door covers and quality diecast aluminum with EDMP gasket material to withstand the harshest of environments. Heavy duty nylon covers are also available, and provide excellent protection with corrosion resistance. Available in a variety of configurations for 15A, 20A, 30A and 50A devices.



Weather Box™ Metal Cover WIUMV-1 & WIUMH-1

While-In Use Covers

Metal While-In-Use covers feature diecast metal construction and superior gasketing to provide a NEMA 3R enclosure rating. Innovative design is lockable to prevent accidental disconnects and meets NEC requirements for receptacles in damp or wet locations. Available in horizontal or vertical configurations with a variety of inserts for 15 & 20A devices.



Cast Aluminum Back Box CDBB1



FS Non-Metallic Back Box 6080

Back Boxes

Available in cast aluminum and impact-resistant plastic, these boxes are designed to resist corrosion and mate with either our wet location covers, stainless steel wallplates or watertight pin & sleeve receptacles and inlets.



Weather Protective Boot BS1



Stainless Steel Wallplate 93971

Other Complex Environment Products

We also offer a wide variety of other corrosion resistant products that are necessary when creating safe and dependable electrical connection points in harsh environments. Choose from stainless steel wallplates, stainless steel wire mesh grips, corrosion resistant weather protective boots and closure caps for plugs and connectors in 15A, 20A, 30A and 50A versions.



For more information:
www.cooperwiringdevices.com

Popular Complex Environment Accessories

Description	Catalog No.
Deluxe aluminum wet location cover for duplex receptacle, horizontal	WLRD1
Aluminum wet location cover with yellow corrosion resistant finish for single receptacle, vertical	7420CR
Aluminum wet location cover for duplex receptacle, 2 self-closing lids, horizontal	S989
WeatherBox aluminum while-in-use 1-gang cover, vertical	WIUMV
Weather protective yellow closure cap for 20A plugs & connectors	20PW
Non-metallic FS back box, single gang, horizontal or vertical mount	6080
Single gang stainless steel toggle opening mid-sized wallplate	93971
Stainless steel deluxe wire mesh cord grip with male thread end fitting	DC100500

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