

The Industry's Most Complete Line of Locking Industrial Devices

Arrow Hart offers the most rugged, feature-rich, broadest line of quality locking devices to meet the specific needs of demanding industrial applications



Hart-Lock™ Locking Devices

The widest range of NEMA and non-NEMA devices, designed and built with superior materials for long lasting performance.



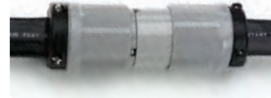
Hart-Lock™ 50A Locking Devices

Rugged Pro-Grip™, armored and marine grade 50A locking devices are ideal for harsh construction and industrial applications.



Power-Lock Devices

Power-Lock devices offer a positive engagement single-post design in rugged nylon or armored shell housings for reliable service.



Hart-Lock™ Flat Cable Devices

Hart-Lock Flat Cable plugs & connectors are designed specifically for 4-Pole, 5-Wire flat cable applications in convention and exhibit halls or other high-traffic flat-cable environments.



Watertight, Severe-Duty & Corrosion Resistant Devices Moved to Complex Environments (Section D)



Complex Environment Devices

Watertight Devices

Severe Duty Devices

Corrosion Resistant Devices

See Section D for a complete line of watertight, severe-duty and corrosion resistant locking devices.

Rugged, Quality Locking Devices for Any Application

Superior design and performance make Arrow Hart's Hart-Lock™ devices the ideal choice for industrial applications. Available in a wide range of NEMA and Non-NEMA configurations

Hart-Lock™ SafetyGrip Plugs & Connectors

1 Ribbed nylon construction is rugged and durable for dependable use

2 Multiple-head screws provide versatility for ease of use

3 Neoprene gasket seals around cord for added terminal protection from external elements

4 Cord Grip inserts accommodate a wide range of cord diameters

5 Retained quick drive screws speed installation

6 Serrated terminal plates and contoured terminal clamps "bite" on the conductors for positive termination

7 Tapered, individual wire pockets guide wire into contact area for ease of termination

8 Clear terminal cover allows for easy inspection of conductors and terminations

Front Body

Back Body

Hart-Lock™ AutoGrip Plugs & Connectors

9 Retained quick drive screws speed installation

10 Smooth, tapered body reduces snagging and provides a sleek look

11 Neoprene gasket seals around cord for added terminal protection from external elements

12 Multiple-head screws provide versatility for ease of use

13 Single piece grounding contacts for superior continuity

14 Unique AutoGrip internal cord grip clamps the cord during assembly, reducing installation time

Front Body

Back Body

Specifications and availability are subject to change without notice.

Hart-Lock™ Industrial Receptacles



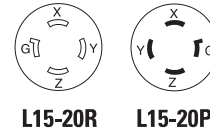
Hart-Lock™ Industrial Flanged Inlets & Outlets



Specifications and availability are subject to change without notice.

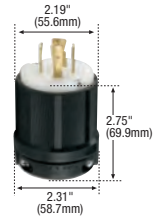
Hart-Lock™ Industrial Grade Locking Devices

3-Pole, 4-Wire Grounding
20A, 3Ø 250V/AC
NEMA L15-20



Industrial Grade Plugs & Connectors

Rating	V/AC	NEMA	Description	Cord Diameter	Color	Plug Catalog No.	Connector Catalog No.	
20	250	L15-20	3Ø SafetyGrip Straight Body	0.38-1.00" (9.5-25.4mm)	BK & W	□ CWL1520P	□ CWL1520C	•



CWL1520C

Industrial Grade Receptacles

Rating	V/AC	NEMA	Description	Color	Single Receptacle	
20	250	L15-20	3Ø Standard Industrial	BK	□ CWL1520R ^Δ	•
			3Ø Isolated Ground	RN	□ IGL1520R*	•

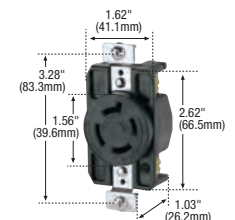


CWL1520C

*Not Fed Spec., ΔNot Nom Cert.

Industrial Grade Flanged Inlets & Outlets

Rating	V/AC	NEMA	Description	Color	Flanged Inlet	Flanged Outlet	
20	250	L15-20	3Ø Standard Industrial	BK	□ CWL1520FI ^Δ	—	•
			3Ø Standard Industrial	BK & W	—	□ CWL1520FO	•



CWL1520R

Δ Only cULus Listed

Accessories for L15-20 Locking Devices

Description	Catalog No.	
Neoprene weather protective boot for 4-W & 5-W plugs	□ BL1	
Neoprene weather protective boot for 4-W & 5-W connectors	□ BL2	
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	□ 7420	•
Glass filled nylon flanged inlet/outlet cover, vertical mount, for 20A devices	□ WP2	•



Complex Environment (D)

See Section D for Watertight, Severe-Duty & Corrosion Resistant Devices

Dimensional Information:
C-76-C-78

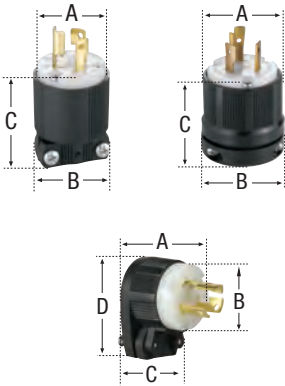
Plug & Connector Specification Information:
SafetyGrip L15-20: C-84
Receptacle Specification Information:
L15-20: C-87
Isolated Ground L15-20: C-87
Flanged Inlet & Flanged Outlet Specification Information:
L15-20: C-89

Color Information:
BK (Black), RN (Orange), W (White)

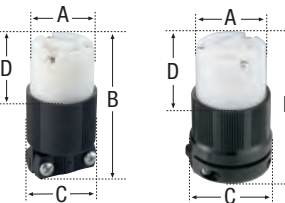


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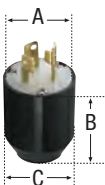
Indicates NAFTA Compliant - Page R-30

15A, 20A & 30A Locking Devices, Dimensional Data**SafetyGrip Plugs**

Family	A	B	C	D	Cord Diameter
NEMA L2-20	1.37" (34.8mm)	1.50" (38.1mm)	2.06" (52.3mm)	–	0.33-0.66" (8.4-16.7mm)
15A & 10/15A Locking	1.37" (34.8mm)	1.50" (38.1mm)	2.06" (52.3mm)	–	0.33-0.66" (8.4-16.7mm)
15A Locking Angled	1.28" (32.5mm)	1.47" (37.3mm)	1.50" (38.1mm)	2.06" (52.3mm)	0.33-0.66" (8.4-16.7mm)
20/10A Locking	2.19" (55.6mm)	2.31" (58.7mm)	2.75" (69.9mm)	–	0.63-1.16" (15.9-29.4mm)
20A Locking 2-P, 3-W; 3-P, 3-W	2.00" (50.8mm)	2.12" (53.8mm)	2.34" (59.4mm)	–	0.38-1.00" (9.5-25.4mm)
20A Locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	2.19" (55.6mm)	2.31" (58.7mm)	2.75" (69.9mm)	–	0.63-1.16" (15.9-29.4mm)
30A Locking 2-P, 3-W; 3-P, 3-W	2.00" (50.8mm)	2.12" (53.8mm)	2.34" (59.4mm)	–	0.38-1.00" (9.5-25.4mm)
30A Locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	2.19" (55.6mm)	2.31" (58.7mm)	2.75" (69.9mm)	–	0.63-1.16" (15.9-29.4mm)

SafetyGrip Connectors

Family	A	B	C	D	Cord Diameter
NEMA L2-20	1.37" (34.8mm)	2.88" (73.0mm)	1.50" (38.1mm)	1.00" (25.4mm)	0.33-0.66" (8.4-16.7mm)
15A & 10/15A Locking	1.37" (34.8mm)	2.88" (73.0mm)	1.50" (38.1mm)	1.00" (25.4mm)	0.33-0.66" (8.4-16.7mm)
20/10A Locking	1.37" (34.8mm)	2.88" (73.0mm)	1.50" (38.1mm)	1.00" (25.4mm)	0.33-0.66" (8.4-16.7mm)
20A Locking 2-P, 3-W; 3-P, 3-W	2.00" (50.8mm)	3.44" (87.3mm)	2.12" (53.8mm)	1.31" (33.3mm)	0.38-1.00" (9.5-25.4mm)
20A Locking 3-P, 4-W	2.00" (50.8mm)	3.44" (87.3mm)	2.12" (53.8mm)	1.31" (33.3mm)	0.38-1.00" (9.5-25.4mm)
20A Locking 4-P, 4-W & 4-P, 5-W	2.19" (55.6mm)	3.75" (95.3mm)	2.31" (58.7mm)	1.22" (31.0mm)	0.63-1.16" (15.9-29.4mm)
30A Locking 2-P, 3-W; 3-P, 3-W	2.00" (50.8mm)	3.44" (87.3mm)	2.12" (53.8mm)	1.31" (33.3mm)	0.38-1.00" (9.5-25.4mm)
30A Locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	2.19" (55.6mm)	3.75" (95.3mm)	2.31" (58.7mm)	1.22" (31.0mm)	0.63-1.16" (15.9-29.4mm)

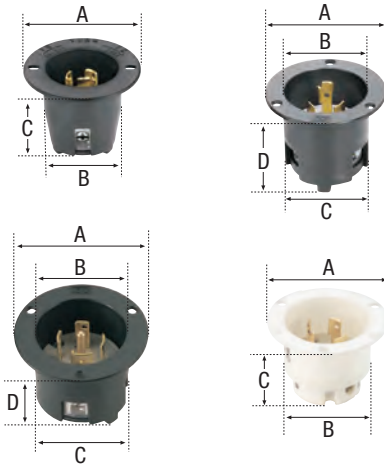
AutoGrip Plugs

Family	A	B	C	Cord Dia.
15A & 10/15A Locking	1.38" (34.9mm)	1.83" (46.5mm)	1.52" (38.6mm)	0.33-0.66" (8.4-16.7mm)

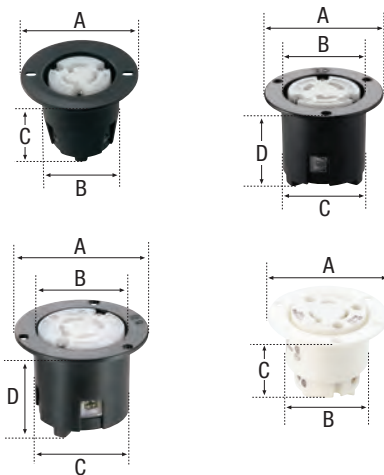
AutoGrip Connectors

Family	A	B	C	Cord Dia.
15A & 10/15A Locking	1.38" (34.9mm)	1.83" (46.5mm)	1.52" (38.6mm)	0.33-0.66" (8.4-16.7mm)

Specifications and availability are subject to change without notice.

15A, 20A & 30A Locking Devices, Dimensional Data**Locking Flanged Inlets**

Family	A	B	C	D
15A Locking	2.56" (65.0mm)	1.71" (43.4mm)	1.84" (46.7mm)	-
20A Locking 2-P, 3-W & 3-P, 3-W	2.87" (72.9mm)	1.94" (49.3mm)	2.06" (52.3mm)	2.19" (22.6mm)
20A Locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	3.06" (77.7mm)	2.03" (51.6mm)	2.19" (55.6mm)	2.19" (55.6mm)
20A Locking NEMA L9-20, L12-20	2.87" (72.9mm)	2.06" (52.3mm)	1.95" (49.5mm)	-
30A Locking 2-P, 3-W & 3-P, 3-W	2.87" (72.9mm)	1.94" (49.3mm)	2.06" (52.3mm)	2.19" (22.6mm)
30A Locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	3.06" (77.7mm)	2.03" (51.6mm)	2.19" (55.6mm)	2.19" (55.6mm)
30A Locking NEMA L9-30, L12-30, L13-30	2.87" (72.9mm)	2.06" (52.3mm)	1.95" (49.5mm)	-

Locking Flanged Outlets

Family	A	B	C	D
15A Locking	2.56" (65.0mm)	1.71" (43.4mm)	1.84" (46.7mm)	-
20A Locking 2-P, 3-W & 3-P, 3-W	2.87" (72.9mm)	1.94" (49.3mm)	2.06" (52.3mm)	2.19" (22.6mm)
20A Locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	3.06" (77.7mm)	2.03" (51.6mm)	2.19" (55.6mm)	2.19" (55.6mm)
20A Locking NEMA L9-20, L12-20	2.87" (72.9mm)	2.06" (52.3mm)	1.95" (49.5mm)	-
30A Locking 2-P, 3-W & 3-P, 3-W	2.87" (72.9mm)	1.94" (49.3mm)	2.06" (52.3mm)	2.19" (22.6mm)
30A Locking 3-P, 4-W; 4-P, 4-W; 4-P, 5-W	3.06" (77.7mm)	2.03" (51.6mm)	2.19" (55.6mm)	2.19" (55.6mm)
30A Locking NEMA L9-30, L12-30, L13-30	2.87" (72.9mm)	2.06" (52.3mm)	1.95" (49.5mm)	-

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Industrial Grade 15A, 20A & 30A Locking Plugs & Connectors

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	15A SafetyGrip & AutoGrip Plugs & Connectors: NEMA L5-15, L6-15, L7-15	15A SafetyGrip & AutoGrip Plugs & Connectors: Non-NEMA 10/15A	20A & 30A SafetyGrip Plugs & Connectors: L6-20, L7-20, L8-20, L6-30, L7-30, L10-20, L14-20, L15-20, L16-20, L14-30, L15-30, L16-30, L17-30, L19-20, L20-20, L19-30, L20-30, L23-20, L23-30, Non-NEMA 20A, Non-NEMA 30A, Non-NEMA 20/10A
	Wiring Type	Side Wire	Back Wire	Back Wire
	Testing & Code Compliance	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E3663 UL verified to Federal Spec. WC-596F cUL Listed to CSA C22.2, no. 42 file no. E3663 	<ul style="list-style-type: none"> UL recognized component for US & Canada, file no. E3663 	<ul style="list-style-type: none"> cULus Listed to UL498, file no. E3663
Specifications: Environmental	Flammability	Meets UL94 requirements, V0 rated	Meets UL94 requirements, V2 rated	Meets UL94 requirements, V2 rated
	Temperature Rating	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)
Specifications: Electrical	Dielectric Voltage	Twice the device rating + 1000V per UL498	Twice the device rating + 1000V per UL498	Twice the device rating + 1000V per UL498
	Current Interrupting	Yes, at full-rated current	Yes, at full-rated current	Yes, at full-rated current
	Temperature Rise	Max. 30°C (86°F) after 200 cycles of overload	Max. 30°C (86°F) after 200 cycles of overload	Max. 30°C (86°F) after 200 cycles of overload
Specifications: Mechanical	Terminal Accommodation	#16 - #12 AWG	#16 - #12 AWG	#16 - #12 AWG, except Isolated Ground: #14 - #8 AWG
	Voltage Ratings	Permanently marked on device	Permanently marked on device	Permanently marked on device
Materials:	Outer Shell	SafetyGrip: nylon; AutoGrip: phenolic	Nylon	Nylon
	Interior Body	SafetyGrip: nylon; AutoGrip: phenolic	Nylon	Nylon
	Terminal Retainer	Polycarbonate	Polycarbonate	Polycarbonate
	Blades	Brass	Brass	Brass
	Line Contacts	Brass	Brass	Connectors: Zinc Plated
	Terminal Clamps	Steel, zinc-plated	Steel, zinc-plated	Steel
	Terminal Screws	Brass	Brass	#10-32 brass, neutral screw nickel plated
	Ground Screw	Brass	Brass	#10-32 brass (green)
	Assembly Screws	Steel, zinc-plated	Steel, zinc-plated	Steel, zinc-plated
	Gasket/Dust Shield	Neoprene	Neoprene	Neoprene
	Cord Clamp Screws	Steel, zinc-plated	Steel, zinc-plated	Steel, zinc-plated
	Cord Clamp	Steel, zinc-plated	Steel, zinc-plated	Nylon

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