

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.



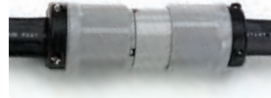
Hart-Lock™ 50A Locking Devices

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

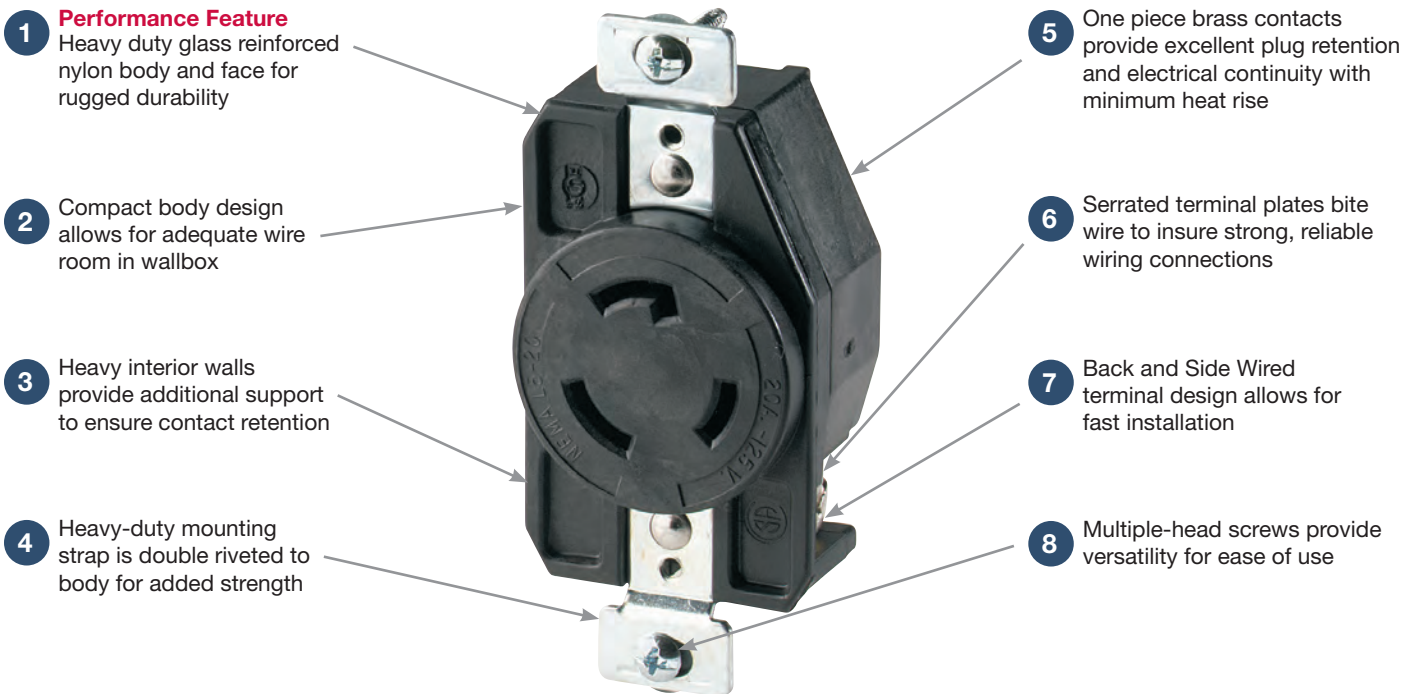
The diagram shows a black SafetyGrip Plug (Back Body) and a clear plastic connector (Front Body). Callouts 1-8 describe features: 1. Ribbed nylon construction is rugged and durable for dependable use. 2. Multiple-head screws provide versatility for ease of use. 3. Neoprene gasket seals around cord for 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.

Hart-Lock™ AutoGrip Plugs & Connectors

The diagram shows a black AutoGrip Plug (Back Body) and a white connector (Front Body) with a cord inserted. Callouts 9-14 describe features: 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.

Specifications and availability are subject to change without notice.

Hart-Lock™ Industrial Receptacles



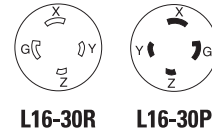
Hart-Lock™ Industrial Flanged Inlets & Outlets



Specifications and availability are subject to change without notice.

Hart-Lock™ Industrial Grade Locking Devices

3-Pole, 4-Wire Grounding
30A, 3Ø 480V/AC
NEMA L16-30



Industrial Grade Plugs & Connectors

Rating A	V/AC	NEMA	Description	Cord Diameter	Color	Plug Catalog No.	Connector Catalog No.	
30	480	L16-30	3Ø SafetyGrip Straight Body	0.63-1.16" (15.9-29.4mm)	BK & W	<input type="checkbox"/> CWL1630P	<input type="checkbox"/> CWL1630C	•

Industrial Grade Receptacles

Rating A	V/AC	NEMA	Description	Color	Single Receptacle	
30	480	L16-30	Standard Industrial	BK	<input type="checkbox"/> CWL1630R	•

Industrial Grade Flanged Inlets & Outlets

Rating A	V/AC	NEMA	Description	Color	Flanged Inlet	Flanged Outlet	
30	480	L16-30	Standard Industrial	BK	<input type="checkbox"/> CWL1630FI ^Δ	—	•
			Standard Industrial	BK & W	—	<input type="checkbox"/> CWL1630FO	•

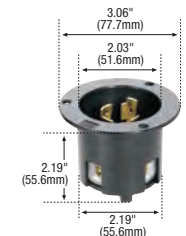
Δ Only cULus Listed

Accessories for L16-30 Locking Devices

Description	Catalog No.	
Neoprene weather protective boot for 4-W & 5-W plugs	<input type="checkbox"/> BL1	
Neoprene weather protective boot for 4-W & 5-W connectors	<input type="checkbox"/> BL2	
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	<input type="checkbox"/> 7420	•
Glass filled nylon flanged inlet/outlet cover, vertical mount, for 30A devices	<input type="checkbox"/> WP2	•



CWL1630R



CWL1630FI

Complex Environment (D)

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

Dimensional Information:
C-76-C-78

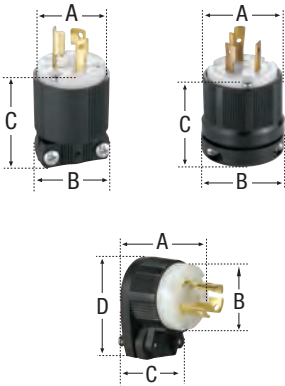
Plug & Connector Specification Information:
SafetyGrip L16-30: C-84
Receptacle Specification Information:
L16-30: C-87
Flanged Inlet & Flanged Outlet Specification Information:
L16-30: C-89

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

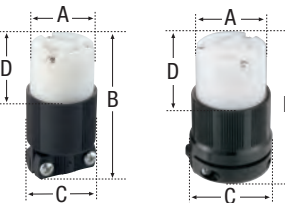


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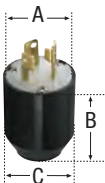
Indicates NAFTA Compliant - Page R-30

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)

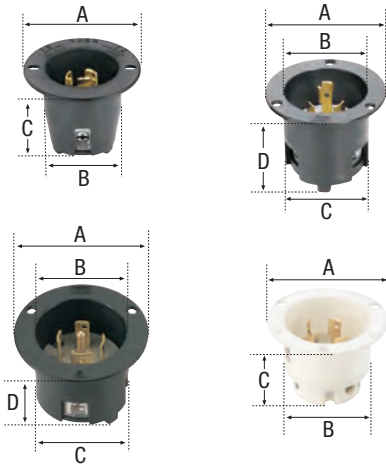
AutoGrip Plugs

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)

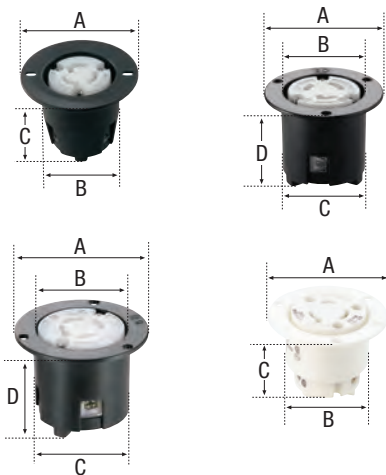
AutoGrip Connectors

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)	-

Specifications and availability are subject to change without notice.

**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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