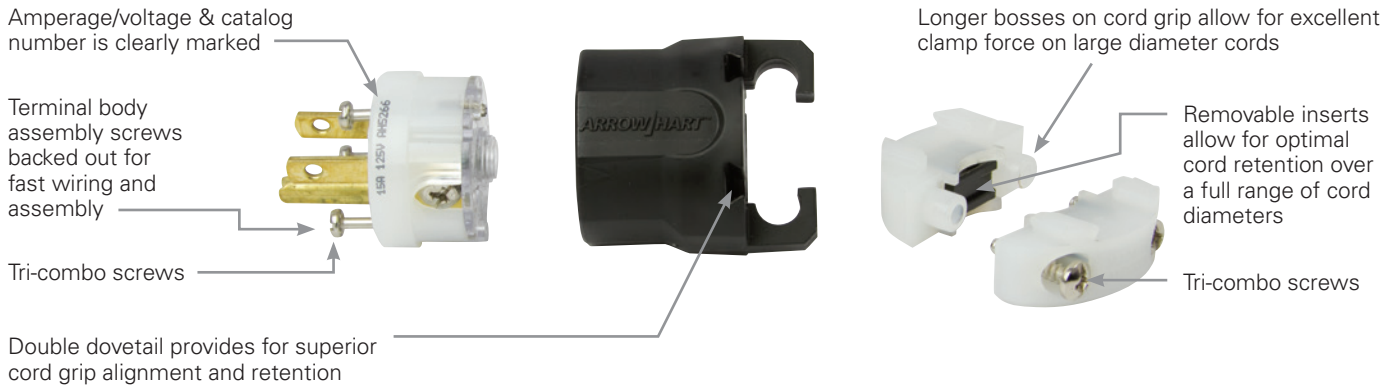


Industrial grade locking plugs and connectors

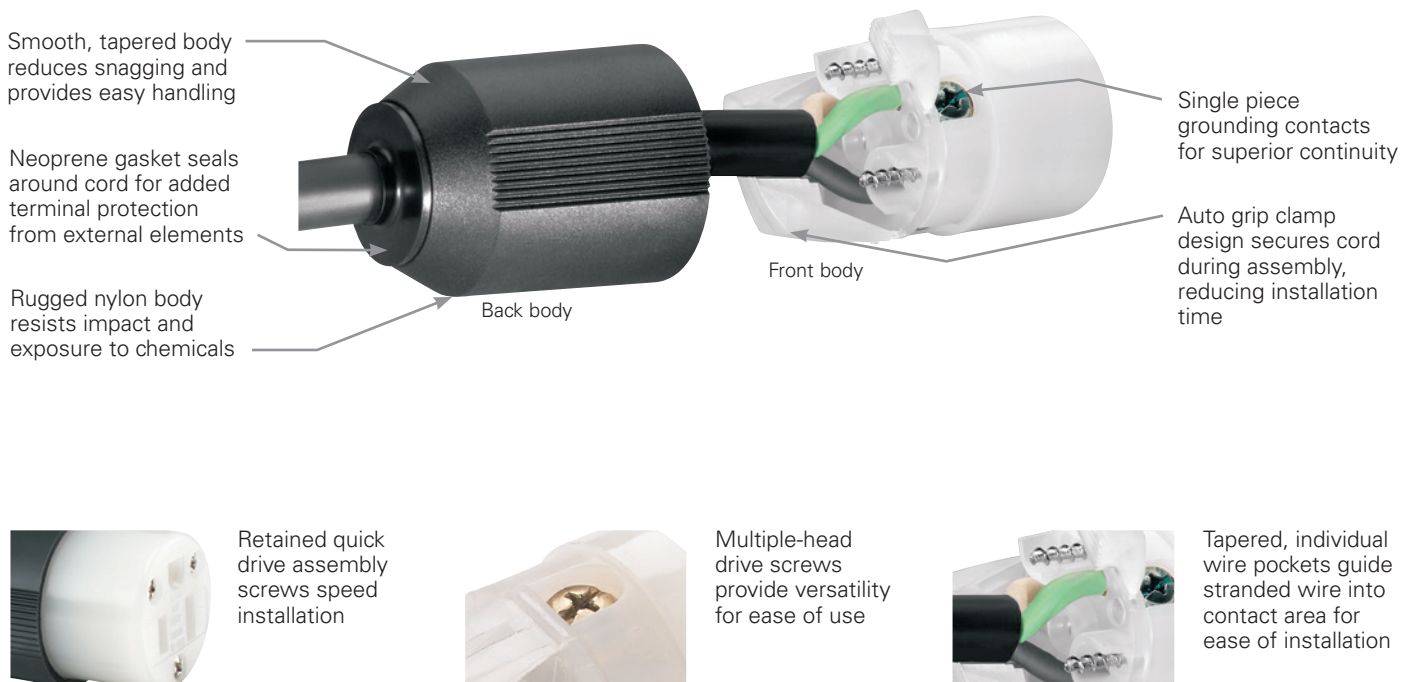
Rugged, quality locking devices for any application

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

Ultra grip straight blade plugs & connectors redesign features & benefits



Auto grip hospital and industrial grade plugs & connectors features & benefits



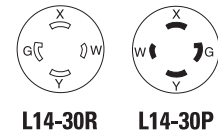
Compliances, specifications and availability are subject to change without notice.

www.eaton.com
www.arrowhart.com

Hart lock industrial grade 30A locking devices

Product description

3-pole, 4-wire grounding
30A, 125/250V/AC
NEMA L14-30



AHL1430P



AHL1430C



AHL1430R

Industrial grade plugs & connectors



Rating A	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.		
30	125/ 250	L14-30	Ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	□ AHL1430P	□ AHL1430C	•	•

Industrial grade receptacles



Rating A	V/AC	NEMA	Description	Color	Single receptacle		
30	125/ 250	L14-30	Standard industrial	BK	□ AHL1430R	•	•
			Isolated ground	RN	□ IGL1430R*		•

*Not Fed Spec

Industrial grade flanged inlets & outlets



Rating A	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet		
30	125/ 250	L14-30	Standard industrial	BK	□ AHL1430FI	—	•	•
			Standard industrial	BK & W	—	□ AHL1430FO**	•	•

**UL Listed only

Accessories for L14-30 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 30A devices	□ WP2	•	•



BL1



BL2



7420



WP2

Dimensional information:
C-76-C-78

Plug & connector specification information:
Ultra grip K14-30: C-84

Receptacle specification information:
K14-30: C-87

Isolated ground K14-30: C-87
Flanged inlet & flanged outlet specification information:
K14-30: C-78

Color information:

BK (Black), RN (Orange), W (White)

BK	RN	W
(Black)	(Orange)	(White)

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

Indicates NAFTA compliant - Page Q-30

RoHS compliant - Page Q-30

Locking devices specification & performance data

Industrial grade 15A, 20A & 30A locking plugs & connectors

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	15A safety grip & auto grip plugs & connectors: NEMA L5-15, L6-15, L7-15	15A safety grip & auto grip plugs & connectors: Non-NEMA 10/15A	20A & 30A ultra grip 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	Back wire	Back wire
Testing & code compliance	- cULus Listed to UL498, file no. E3663 - UL verified to Fed Spec WC-596F - cUL Listed to CSA C22.2, no. 42 file no. E3663	UL recognized component for US & Canada, file no. E3663	cULus Listed to UL498, file no. E3663
Environmental specifications	Flammability: Meets UL94 requirements, V0 rated Temperature rating: -40°C to 60°C (-40°F to 140°F)	Flammability: Meets UL94 requirements, V2 rated Temperature rating: -40°C to 60°C (-40°F to 140°F)	Flammability: Meets UL94 requirements, V2 rated Temperature rating: -40°C to 60°C (-40°F to 140°F)
Electrical specifications	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 200 cycles of overload	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 200 cycles of overload	Dielectric voltage: Twice the device rating + 1000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 200 cycles of overload
Mechanical specifications	Terminal accommodation: #16 - #12 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #16 - #12 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #16 - #12 AWG, except isolated ground: #14 - #8 AWG Voltage ratings: Permanently marked on device
Materials	Outer shell: Safety grip: nylon; auto grip: phenolic Interior body: Safety grip: nylon; auto grip: phenolic Terminal retainer: Polycarbonate Blades: Brass Line contacts: Brass Terminal clamps: Steel, zinc-plated Terminal screws: Brass Ground screw: Brass Assembly screws: Steel, zinc-plated Gasket/dust shield: Neoprene Cord clamp screws: Steel, zinc-plated Cord clamp: Steel, zinc-plated	Outer shell: Nylon Interior body: Nylon Terminal retainer: Polycarbonate Blades: Brass Line contacts: Brass Terminal clamps: Steel, zinc-plated Terminal screws: Brass Ground screw: Brass Assembly screws: Steel, zinc-plated Gasket/dust shield: Neoprene Cord clamp screws: Steel, zinc-plated Cord clamp: Steel, zinc-plated	Outer shell: Nylon Interior body: Nylon Terminal retainer: Polycarbonate Blades: Brass Line contacts: Connectors: zinc plated Terminal clamps: Steel Terminal screws: #10-32 brass, neutral screw nickel plated Ground screw: #10-32 brass (green) Assembly screws: Steel, zinc-plated Gasket/dust shield: Neoprene Cord clamp screws: Steel, zinc-plated Cord clamp: Nylon