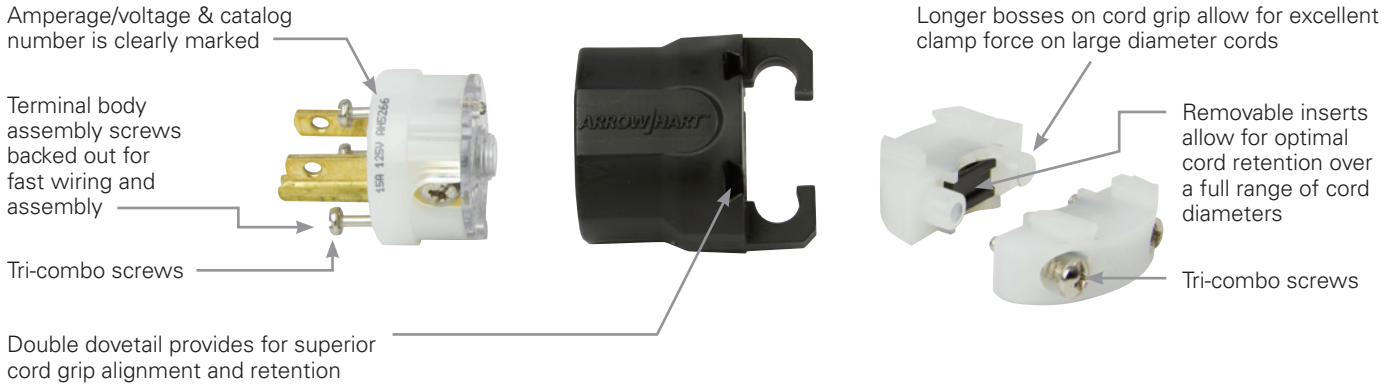


Industrial grade locking plugs and connectors

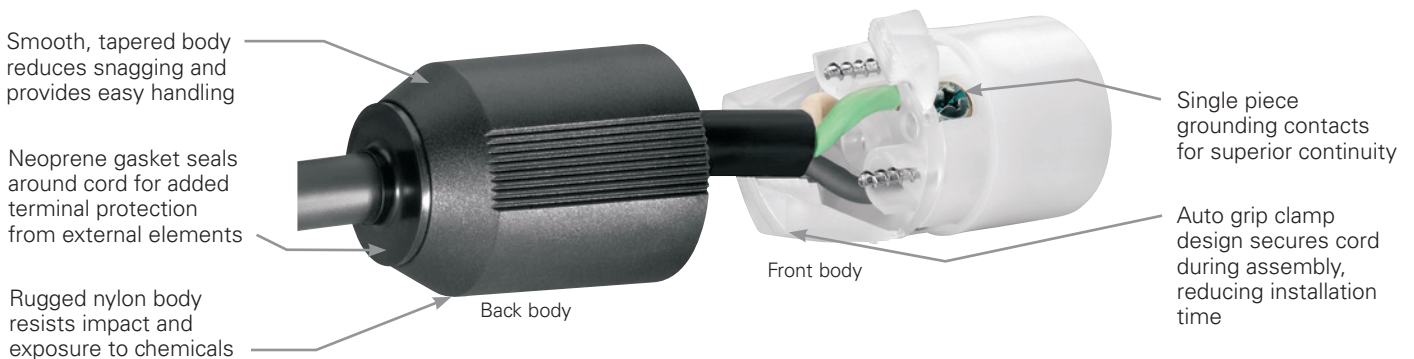
Rugged, quality locking devices for any application

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



Retained quick drive assembly screws speed installation



Multiple-head drive screws provide versatility for ease of use



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

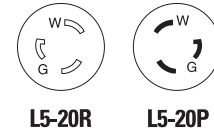
Compliances, specifications and availability are subject to change without notice.

www.eaton.com
www.arrowhart.com

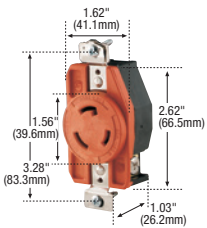
Hart lock industrial grade 20A locking devices

Product description

2-pole, 3-wire grounding
20A, 125V/AC
NEMA L5-20



AHL520C



IGL520R



AHL520FO

Industrial grade plugs & connectors



Rating	V/AC	NEMA	Description	Cord diameter	Color	Plug catalog no.	Connector catalog no.	
20	125	L5-20	Ultra grip straight body	0.38-1.16" (9.5-29.4mm)	BK & W	<input type="checkbox"/> AHL520P	<input type="checkbox"/> AHL520C	
			Safety grip straight body	0.38-1.00" (9.5-25.4mm)	BK	<input type="checkbox"/> CWL520PBK	<input type="checkbox"/> CWL520CBK	

Industrial grade receptacles



Rating	V/AC	NEMA	Description	Color	Single receptacle	
20	125	L5-20	Standard industrial	BK	<input type="checkbox"/> AHL520R	
			Isolated ground	RN	<input type="checkbox"/> IGL520R*	

*Not Fed Spec

Industrial grade flanged inlets & outlets



Rating	V/AC	NEMA	Description	Color	Flanged inlet	Flanged outlet	
20	125	L5-20	Standard industrial	BK & W	<input type="checkbox"/> AHL520FI	<input type="checkbox"/> AHL520FO ^{††}	

^{††}Only UL Listed

Accessories for NEMA L5-20 locking devices

Description	Catalog no.	
Neoprene weather protective boot for 20/30A, 3-W locking plug	<input type="checkbox"/> BM1	
Neoprene weather protective boot for 20/30A, 3-W locking connector	<input type="checkbox"/> BM2	
Diecast aluminum single receptacle cover, vertical mount, for FS/FD boxes	<input type="checkbox"/> 7420	



BM1



BM2



7420

Dimensional information:
C-76-C-78

Plug & connector specification information:
Ultra grip K5-20: C-84

Receptacle specification information:
K5-20: C-87

Isolated ground K5-20: C-87

Flanged inlet & flanged outlet specification information:
K5-20: C-88

Color information:

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



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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

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

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	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 Fed 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
Environmental specifications	<p>Flammability: Meets UL94 requirements, V0 rated</p> <p>Temperature rating: -40°C to 60°C (-40°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements, V2 rated</p> <p>Temperature rating: -40°C to 60°C (-40°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements, V2 rated</p> <p>Temperature rating: -40°C to 60°C (-40°F to 140°F)</p>
Electrical specifications	<p>Dielectric voltage: Twice the device rating + 1000V per UL498</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 200 cycles of overload</p>	<p>Dielectric voltage: Twice the device rating + 1000V per UL498</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 200 cycles of overload</p>	<p>Dielectric voltage: Twice the device rating + 1000V per UL498</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 200 cycles of overload</p>
Mechanical specifications	<p>Terminal accommodation: #16 - #12 AWG</p> <p>Voltage ratings: Permanently marked on device</p>	<p>Terminal accommodation: #16 - #12 AWG</p> <p>Voltage ratings: Permanently marked on device</p>	<p>Terminal accommodation: #16 - #12 AWG, except isolated ground: #14 - #8 AWG</p> <p>Voltage ratings: Permanently marked on device</p>
Materials	<p>Outer shell: Safety grip: nylon; auto grip: phenolic</p> <p>Interior body: Safety grip: nylon; auto grip: phenolic</p> <p>Terminal retainer: Polycarbonate</p> <p>Blades: Brass</p> <p>Line contacts: Brass</p> <p>Terminal clamps: Steel, zinc-plated</p> <p>Terminal screws: Brass</p> <p>Ground screw: Brass</p> <p>Assembly screws: Steel, zinc-plated</p> <p>Gasket/dust shield: Neoprene</p> <p>Cord clamp screws: Steel, zinc-plated</p> <p>Cord clamp: Steel, zinc-plated</p>	<p>Outer shell: Nylon</p> <p>Interior body: Nylon</p> <p>Terminal retainer: Polycarbonate</p> <p>Blades: Brass</p> <p>Line contacts: Brass</p> <p>Terminal clamps: Steel, zinc-plated</p> <p>Terminal screws: Brass</p> <p>Ground screw: Brass</p> <p>Assembly screws: Steel, zinc-plated</p> <p>Gasket/dust shield: Neoprene</p> <p>Cord clamp screws: Steel, zinc-plated</p> <p>Cord clamp: Steel, zinc-plated</p>	<p>Outer shell: Nylon</p> <p>Interior body: Nylon</p> <p>Terminal retainer: Polycarbonate</p> <p>Blades: Brass</p> <p>Line contacts: Connectors: zinc plated</p> <p>Terminal clamps: Steel</p> <p>Terminal screws: #10-32 brass, neutral screw nickel plated</p> <p>Ground screw: #10-32 brass (green)</p> <p>Assembly screws: Steel, zinc-plated</p> <p>Gasket/dust shield: Neoprene</p> <p>Cord clamp screws: Steel, zinc-plated</p> <p>Cord clamp: Nylon</p>

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