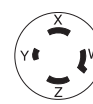


Hart-Lock™ Industrial Specification Grade Locking Devices

4-Pole, 4-Wire Non-Grounding
20A, 3ØY 120/208V/AC
NEMA L18-20



L18-20R



L18-20P

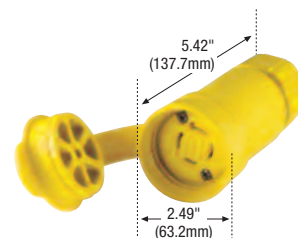
20A, 3ØY 120/208V NEMA L18-20

Plugs & Connectors

Style & Description	Cord Dia.	Catalog No.		Certifications					
		Plug	Connector	UL	CSA	UL	UL	UL	UL
Safety Grip™ Straight Body, Black & White	0.63-1.16" (15.9-29.4mm)	☐ CWL1820P	☐ CWL1820C	•	•	•	•	•	•
Severe Duty, Yellow & Black	0.63-1.16" (15.9-29.4mm)	☐ L1820PY	☐ L1820CY	•	•	•	•	•	•
Watertight, Yellow	0.36-0.84" (9.1-21.3mm)	☐ L1820PW	☐ L1820CW	•	•	•	•	•	•
Watertight, All-Black	0.36-0.84" (9.1-21.3mm)	☐ L1820PWBK	☐ L1820CWBK	•	•	•	•	•	•



L1820PW



L1820CW

Receptacles

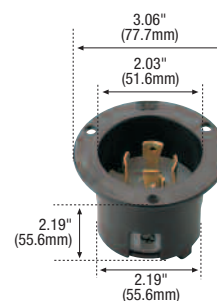
Style & Description	Catalog No.	Certifications					
		Single Receptacle	UL	CSA	UL	UL	UL
Standard Industrial, Black	☐ CWL1820R	•	•	•	•	•	•
Watertight, Yellow	☐ L1820RW	•	•	•	•	•	•
Watertight, All-Black	☐ L1820RWBK	•	•	•	•	•	•



CWL1820R

Flanged Inlets & Outlets

Style & Description	Catalog No.		Certifications					
	Flanged Inlet	Flanged Outlet	UL	CSA	UL	UL	UL	UL
Standard Industrial, Black & White	☐ CWL1820FI	—	•	•	•	•	•	•
Standard Industrial, Black & White	—	☐ CWL1820FO	•	•	•	•	•	•



CWL1820FI

Icon Key

NAFTA Compliant - see page O-30

Accessories for NEMA L18-20 Locking Devices

Description	Catalog No.	UL
Neoprene weather protective boot for 20A 4-P, 4-W plug	☐ BL1	•
Neoprene weather protective boot for 20A connector	☐ 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	•



BL1



BL2



7420



WP2

Dimensional Information: C-79 – C-82

Plug & Connector Specification Information:

Safety Grip L18-20: C-89

Severe Duty: C-97

Watertight: C-95

Receptacle Specification Information:

L18-20 : C-91

Watertight: C-96

Flanged Inlet & Flanged Outlet Specification Information:

L18-20 : C-93

Industrial Specification Grade 15A, 20A & 30A Locking Receptacles

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	20A Hart-Lock™ Single Receptacles: NEMA L5-20, L6-20, L7-20, L8-20, L9-20, L10-20, L11-20, L12-20, L14-20, L15-20, L16-20, L18-20, L19-20, L20-20, L21-20, L22-20, L23-20, Non-NEMA 20A	30A Hart-Lock™ Single Receptacles: NEMA L5-30, L6-30, L7-30, L8-30, L9-30, L10-30, L11-30, L12-30, L13-30, L14-30, L15-30, L16-30, L17-30, L18-30, L19-30, L20-30, L21-30, L22-30, L23-30, Non-NEMA 30A	20A & 30A Hart-Lock™ Isolated Ground Single Receptacles: NEMA L5-20, L6-20, L7-20, L8-20, L5-30, L6-30, L7-30, L8-30, L14-20, L15-20, L16-20, L21-20, L22-20, L23-20, L21-30, L22-30, L23-30	15A & 20A Hart-Lock™ Receptacles, 2-Pole, 2-Wire: NEMA L1-15, L2-20
	Wiring Type	Back & side wire	Back & side wire	Back & side wire	Back & side wire
Testing & Code Compliance		- Listed to UL 498, file no. E2369 - NEMA L5-20, L6-20, L7-20, L10-20, L14-20, L15-20, L18-20 & L21-20 also UL verified to Federal Spec. WC-596G - CSA certified to C22.2, no. 42 except 7310B, NEMA L11-20, L12-20, 7410B, L18-20, L19-20, L20-20 - NEMA L11-20, L14-20, L15-20, L18-20, L21-20, L22-20 also NOM certified	- Listed to UL 498, file no. E2369 - NEMA L5-30, L6-30, L7-30, L14-30, L15-30, L20-30, L21-30, L23-30 also UL verified to Federal Spec. WC-596G - CSA certified to C22.2, no. 42 except NEMA L11-20, L12-20, 3330-2, L10-30, L11-30, L12-30, L13-30, 3430, L18-30, L19-30, L20-30 - NEMA L5-30, L10-30, L11-30, L14-30, L15-30, L18-30 also NOM certified	- Listed to UL 498, file no. E2369 - CSA certified to C22.2, no. 42 except NEMA L5-30 - NOM certified, except for L7-20, L8-20, L6-30, L7-30, L8-30, L16-20, L21-30, L22-30, L23-30	Listed to UL 498, file no. E2369
		Meets UL 94 requirements, V0 rated	Meets UL 94 requirements, V0 rated	Meets UL94 requirements, V0 rated	Meets UL94 requirements, V0 rated
		-40°C to 60°C (-40°F to 140°F)	-40°C to 60°C (-40°F to 140°F)	-40°C to 70°C (-40°F to 158°F)	-40°C to 105°C (-40°F to 221°F)
		Withstands 2,500V per UL 498	Withstands 2,500V per UL 498	Withstands 2,500V per UL 498	Withstands 1500V per UL 498
Specifications: Electrical	Dielectric Voltage	Withstands 2,500V per UL 498	Withstands 2,500V per UL 498	Withstands 2,500V per UL 498	Withstands 1500V per UL 498
	Current Interrupting	Yes, at full-rated current	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 @ 200% of rated current (DC)	Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)	Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)	Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)
Specifications: Mechanical	Terminal Accommodation	#14 - #8 AWG	#14 - #8 AWG	#14 - #8 AWG	#14 - #10 AWG
	Voltage Ratings	Permanently marked on device	Permanently marked on device	Permanently marked on device	Permanently marked on device
Materials:	Face	Glass-filled nylon	Glass-filled nylon	Glass-filled nylon	Glass-filled nylon
	Base	Glass-filled nylon	Glass-filled nylon	Glass-filled nylon	Glass-filled nylon
	Mounting Strap	.050" thick steel, zinc plated	.050" thick steel, zinc plated	.050" thick steel, zinc plated	.050" thick steel, zinc plated
	Line Contacts	0.042" thick brass	0.042" thick brass	0.042" thick brass	0.032" thick brass, bronze
	Terminal Screws	#10-32 brass, neutral screw nickel plated	#10-32 brass, neutral screw nickel plated	#10-32 brass, neutral screw nickel plated	#8-32 steel, nickel plated
	Ground Screw	#10-32 brass (green)	#10-32 brass (green)	#10-32 brass (green)	#8-32 brass, green
	Contact Springs	.040" thick brass	.040" thick brass	.040" thick brass	0.032" thick brass, bronze
	Terminal Clamps/Plates	.040" thick brass	.040" thick brass	.040" thick brass	0.070" thick steel, zinc plated
	Ground Contacts	.040" thick brass	.040" thick brass	.040" thick brass	N/A
	Back Plate	.040" thick brass, nickel-plated	.040" thick brass, nickel-plated	.040" thick brass, nickel-plated	N/A
	Mounting Screws	Steel, zinc-plated	Steel, zinc-plated	Steel, zinc-plated	Steel, zinc-plated