Industrial grade switches

Incorporating the most durable design elements in the industry

Arrow Hart's broad line of industrial grade switches feature superior engineering, reliable performance and ease of installation

Industrial AC switch AH1200, AH1220, 3030 series features & benefits

Automatic grounding eliminates need for bonding jumper in metal enclosures

Color-coded faces identify amperage: Blue = 15A, Red = 20A, Green = 30A

Robust nylon toggle for heavy abuse areas.

Heavy gauge 0.050" plated steel mounting strap withstands abuse and corrosion

Tri-combo head terminal and mounting screws, plus easy-access grounding terminal

Dual back-wire holes for maximum feed-thru wiring flexibility, accepts up to #10 AWG solid or stranded wire

One-piece brass contact arm and large silver alloy contact assures low-resistance switching

Patent-pending spring cup toggle design for consistent positive activation.

A complete offering of heavy-duty switches available for any industrial application:

CuVerro® antimicrobial surfaces

ArrowLink

Lighted & pilot lighted

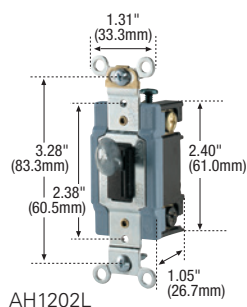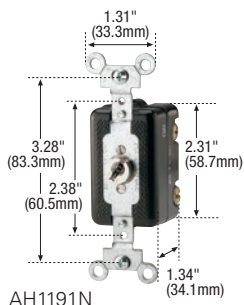**Maintained momentary contrast**

Corbin locking & locking

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

Industrial grade AC locking switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A, 120/277V/AC; 20A, 120/277V/AC;
30A, 120/277V/AC

Industrial grade AC Corbin type locking switches, back & side wire   c(UL)us

Rating A	V/AC	Description	Catalog no.	🇺🇸	✅
20	120/277	Single-pole, Corbin locking switch	☐ AH1191N	•	•
		Single-pole, Corbin locking switch, key removable in "off" position only	☐ AH1191NOF	•	•
		Double-pole, Corbin locking switch	☐ AH1192N	•	•
		3-Way, Corbin locking switch	☐ AH1193N	•	•

1.31" (33.3mm)

3.28" (83.3mm) 2.31" (58.7mm)
2.38" (60.5mm)

1.34" (34.1mm)

AH1191N

AC locking switches, back & side wire   c(UL)us   F(UL)S   NOM 426

Rating A	V/AC	Description	Catalog no.	🔴	🇺🇸	✅
15	120/277	Single-pole, locking switch	☐ AH1201L	•	•	•
		Double-pole, locking switch	☐ AH1202L	•	•	•
		3-Way, locking switch	☐ AH1203L	•	•	•
		4-Way, locking switch	☐ AH1204L	•		•
20	120/277	Single-pole, locking switch	☐ AH1221L	•	•	•
		Double-pole, locking switch	☐ AH1222L	•	•	•
		3-Way, locking switch	☐ AH1223L	•	•	•
		4-Way, locking switch	☐ AH1224L	•	•	•
30	120/277	Single-pole, locking switch	☐ 3031L*	•		•
		Double-pole, locking switch	☐ 3032L*	•		•

* Not Nom cert

1.31" (33.3mm)

3.28" (83.3mm) 2.40" (61.0mm)
2.38" (60.5mm)

1.05" (26.7mm)

AH1202L

Accessories for industrial grade switches

Description	Catalog no.	🇺🇸	✅
Replacement key for Corbin locking switches	☐ AH14		•
Stainless steel wallplate for Corbin locking switches with "on-off" indicator engraving	☐ AH1187	•	•
Stainless steel wallplate for Corbin locking switches	☐ AH1188	•	•

AH14   AH1187   AH1188

Specification information: 120/277V industrial locking: E-38
Compliances, specifications and availability are subject to change without notice.

🔴 Build-to-spec customizable devices - Page E-6

🇺🇸 Indicates NAFTA compliant - Page Q-30

✅ RoHS compliant – Page Q-30

Industrial grade AC toggle switches

Product description

Single-pole, double-pole, 3-way, 4-way
15A & 20A, 120/277V/AC; 15 & 20A, 347V/AC
30A, 120/377V/AC

Switch type	Industrial 15A & 20A 120/277V toggle switches: AH1200 & AH1220 series	Industrial 15A & 20A 347V toggle switches: AH18200 series	Industrial 30A 120/277V toggle switches: 3030 series
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 10016 (6241-05)	• Listed to UL20, file no. E135162 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 12339 (6241-05)	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 10016 (6241-05)
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - 10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - 10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - 10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 30A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 24A
Materials	**Toggle:** Nylon **Top housing:** Polycarbonate **Bottom housing:** Polycarbonate **Strap:** 0.045" thick galvanized steel, nickel plated **Auto ground clip:** 0.015" thick brass **Terminals:** 0.030" thick brass **Terminal screws:** #10-32 brass, black **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.070" plated steel **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** Long-life neon bulb **Pilot light models:** Red polycarbonate toggle with long-life neon bulb	**Toggle:** Polycarbonate **Top housing:** Phenolic **Bottom housing:** Phenolic **Strap:** 0.050" thick galvanized steel **Auto ground clip:** 0.016" thick brass **Terminals:** 0.032" thick high performance copper alloy **Terminal screws:** #10-32 brass, black **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.04" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** N/A **Pilot light models:** N/A	**Toggle:** Nylon **Top housing:** Polycarbonate **Bottom housing:** Polycarbonate **Strap:** 0.045" thick galvanized steel, nickel plated **Auto ground clip:** 0.015" thick brass **Terminals:** 0.030" thick high performance copper alloy **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.070" plated steel **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** Long-life neon bulb **Pilot light models:** Red polycarbonate toggle with LED

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All products on this page are RoHS compliant – Page Q-30