

Heavy-duty industrial grade AC toggle switch

Project Name:	Prepared By:
Project Number:	Date:
Catalog Number:	Type:

Description

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



1201

Design features

- Rugged thermoplastic top and bottom housing provides durability and strength
- Color-coded top housing helps identify amperage: Blue = 15A; Red = 20A
- Back and side wire terminals accept up to #10 solid or stranded wire
- Dual back-wire holes for maximum feed-through wiring flexibility
- One-piece brass contact arm assures proper contact for low-resistance switching
- Automatic grounding eliminates need for bonding jumper in metal enclosures
- Tri-combo terminal and mounting screws for flexibility in installation

Table 1. Construction Grade Switch Back and Side Wire

Catalog No.	Description	Rating		Color Suffix
		A	V/AC	
<input type="checkbox"/> 1201__	Single pole toggle switch	15	120/277	B, GY, LA, W
<input type="checkbox"/> 1203__	3-way toggle switch	15	120/277	B, GY, LA, W
<input type="checkbox"/> 1221__	Single pole toggle switch	20	120/277	B, GY, LA, V, W
<input type="checkbox"/> 1222__	Double pole toggle switch	20	120/277	B, GY, LA, V, W
<input type="checkbox"/> 1223__	3-way toggle switch	20	120/277	B, GY, LA, V, W
<input type="checkbox"/> 1224__	4-way toggle switch	20	120/277	B, GY, V, W

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



Powering Business Worldwide

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Applications

Arrow Hart heavy-duty industrial grade AC toggle switches are designed to provide dependable and long lasting performance in a wide range of applications and are horsepower rated to handle motor load.

Table 2. Specifications

Catalog No.	1200 & 1220 Series
Device Type	Heavy-Duty Industrial Grade AC Toggle Switches
Wiring Type	Back & side wire
Testing & Code Compliance	<ul style="list-style-type: none"> cULus listed to UL 20, file no. E18704 UL verified to Federal Spec WS-896-E CSA certified to C22.2, no. 111, file no. 10016 (6241-05)
Environmental Specifications	Flammability: Meets UL 94 requirements; V2 rated Temperature Rating: -20°C to 60°C (-4°F to 140°F)
Electrical Specifications	Dielectric Voltage: Withstands 1500V per UL 20 Current Interrupting: Yes, at full-rated current Temperature Rise: Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing
Mechanical Specifications	Terminal Accommodation: #14 - 10 AWG Voltage Ratings: Permanently marked on device Horsepower Ratings: Rated for motor loads per UL 20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; max. amps 12A 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; max. amps 16A

Table 3. Materials

Catalog No.	1200 & 1220 Series
Device Type	Heavy-Duty Industrial Grade AC Toggle Switches
Toggle	Nylon
Top Housing	Polycarbonate
Bottom Housing	Polycarbonate
Strap	0.045" thick galvanized steel
Auto Ground	Phosphor Bronze
Terminals	0.031" thick brass
Terminal Screws	#8-32 steel, brass plated, black
Ground Screw	#8-32 steel, zinc plated, green
Backwire Clamp	0.080" thick steel
Contacts	Silver alloy
Moveable Contact Arm	0.031" thick brass

Table 4. Color Ordering Information

For ordering devices, include Cat. No. followed by the color code: B (Brown), GY (Gray), LA (Light Almond), V (Ivory), W (White)

B	GY	LA	V	W
Brown	Gray	Lt. Almond	Ivory	White

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Product Dimensions

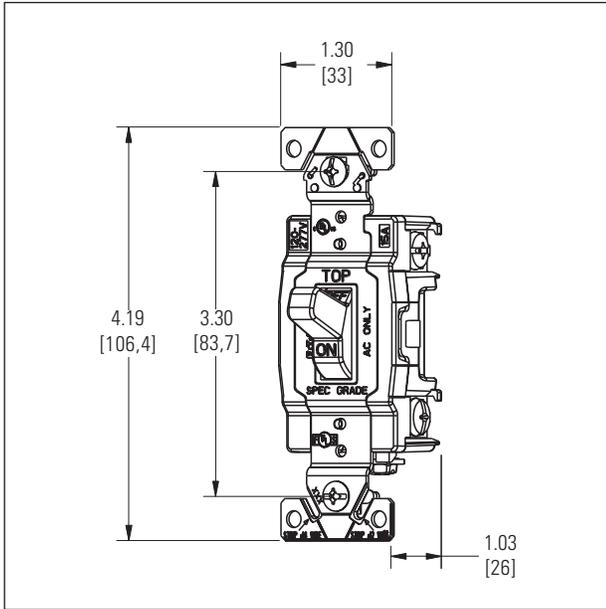


Figure 1. 1201, 1203, 1221, 1222, 1223, 1224

Certifications & Compliances

Catalog No.	cULus	FUS	NOM 426	ROHS
1201__	•	•	•	•
1203__	•	•	•	•
1221__	•	•	•	•
1222__	•	•	•	•
1223__	•	•	•	•
1224__	•	•	•	•

KEY: cULus cULus FUS Fed Spec NOM 426 NOM ROHS

Parts are manufactured and designed in accordance with article 4 of the European Union's RoHS2 directive 2011/65/EU

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