

# Arrow Hart® specification grade AC decorator switches

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

## Description

15A & 20A, 120/277V/AC  
Single-Pole, Double-Pole, 3-Way, 4-Way

## Design features

- Tapered back wire openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- One-piece wrap around auto-grounding strap for ground integrity in severe conditions
- Welded construction provides superior assembly security under heavy use
- Stippled line and ground contacts ensure solid contact; ground screw clamp provides secure wiring and reduces installation time
- Tarnish resistant with minimal color change over time



7603



7604



7621



7622

**Table 1. AC Decorator Switches, back & side wire**

Catalog No.	Description	Amps	Volts	Color Suffix
□ 7601__	Single-pole decorator	15	120/277	A, B, BK, GY, LA, V, W
□ 7603__	3-way decorator	15	120/277	B, BK, GY, LA, V, W
□ 7604__	4-way decorator	15	120/277	B, BK, GY, LA, V, W
□ 7621__	Single-pole decorator	20	120/277	A, B, BK, GY, LA, RD, V, W
□ 7622__	Double-pole decorator	20	120/277	A, B, BK, GY, LA, V, W
□ 7623__	3-way decorator	20	120/277	A, B, BK, GY, LA, RD, V, W
□ 7624__	4-way decorator	20	120/277	A, B, BK, GY, LA, V, W

Compliant with cULus and Fed. Spec

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



Powering Business Worldwide

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

<b>Catalog No.</b>	<b>7600 Series</b>
<b>Amps V/AC</b>	15A & 20A 120/277V Specification Grade Decorator Switches
<b>Wiring Type</b>	Back & side wire
<b>Testing &amp; Code Compliance</b>	<b>cULus Listed</b> to UL 20, & CSA C22.2, no111, file no. E18704 <b>UL Verified</b> to Federal Spec WC-896E
<b>Environmental Specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature Rating:</b> -20°C to 60°C (-4°F to 140°F)
<b>Electrical Specifications</b>	<b>Dielectric Voltage:</b> Withstands 1500V per UL 20 <b>Current Interrupting:</b> Yes, at full-rated current <b>Temperature Rise:</b> Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
<b>Mechanical Specifications</b>	<b>Terminal Accommodation:</b> #14 - 10 AWG <b>Voltage Ratings:</b> Permanently marked on device <b>Horsepower Ratings:</b> Rated for motor loads per UL 20: <b>15A:</b> @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; max. amps 12A <b>20A:</b> @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; max. amps 16A

**Table 2. Materials for AC decorator switches**

<b>Catalog No.</b>	<b>7600 Series</b>
<b>Outer Switch Housing</b>	Polycarbonate
<b>Inner Switch Housing</b>	Polycarbonate
<b>Top Housing</b>	Polycarbonate
<b>Bottom Housing</b>	PVC
<b>Strap</b>	0.050" thick steel, 15A: zinc plated, 20A: brass plated
<b>Auto Ground Clip</b>	Phosphor bronze
<b>Terminals</b>	0.035" thick brass
<b>Terminal Screws</b>	#8-32 steel with #10 head, brass plated; neutral screw nickel plated
<b>Ground Screw</b>	#8-32 steel, zinc plated, green
<b>Backwire Clamp</b>	Steel, brass plated
<b>Contacts</b>	Silver alloy
<b>Moveable Contact Arm</b>	Brass
<b>Pressure Plate</b>	Brass

**Table 3. Color Ordering Information**

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), R (Red), V (Ivory), W (White)

<b>A</b>	<b>B</b>	<b>BK</b>	<b>GY</b>	<b>LA</b>	<b>R</b>	<b>V</b>	<b>W</b>
(Almond)	(Brown)	(Black)	(Gray)	(Light Almond)	(Red)	(Ivory)	(White)

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

## Product Dimensions

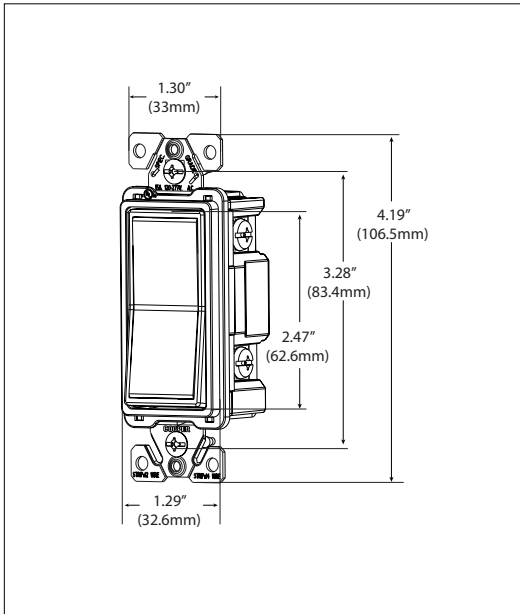






Figure 1. 7621, 7622, 7623, 7624 Line art with dimensions

## Certifications & Compliances

Catalog No.			
7601	•	•	•
7603	•	•	•
7604	•	•	•
7621	•	•	•
7622	•	•	•
7623	•	•	•
7624	•	•	•

**KEY:**  cULus  Fed. Spec  RoHS

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

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

Electrical Sector  
203 Cooper Circle  
Peachtree City, GA 30269  
United States  
Eaton.com  
Eaton.com/arrowhart

Electrical Sector  
Canada Operations  
5925 McLaughlin Road  
Mississauga, Ontario, L5R 1B8  
Canada  
EatonCanada.ca  
Eaton.com/arrowhart

Electrical Sector  
Mexico Operations  
Carr. Tlalhepantla -  
Cuautitlan Km 17.8 s/n  
Col. Villa Jardin esq.  
Cerrada 8 de Mayo  
Cuautitlan, Mexico CP 54800  
Mexico  
Eaton.mx  
Eaton.com/arrowhart

# Arrow Hart® specification grade AC decorator switches

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

## Description

15A & 20A, 120/277V/AC  
Single-Pole, Double-Pole, 3-Way, 4-Way

## Design features

- Tapered back wire openings handle multiple wire sizes and types for applications up to #10 AWG solid or stranded wire
- One-piece wrap around auto-grounding strap for ground integrity in severe conditions
- Welded construction provides superior assembly security under heavy use
- Stippled line and ground contacts ensure solid contact; ground screw clamp provides secure wiring and reduces installation time
- Tarnish resistant with minimal color change over time



7603



7604



7621



7622

**Table 1. AC Decorator Switches, back & side wire**

Catalog No.	Description	Amps	Volts	Color Suffix
□ 7601__	Single-pole decorator	15	120/277	A, B, BK, GY, LA, V, W
□ 7603__	3-way decorator	15	120/277	B, BK, GY, LA, V, W
□ 7604__	4-way decorator	15	120/277	B, BK, GY, LA, V, W
□ 7621__	Single-pole decorator	20	120/277	A, B, BK, GY, LA, RD, V, W
□ 7622__	Double-pole decorator	20	120/277	A, B, BK, GY, LA, V, W
□ 7623__	3-way decorator	20	120/277	A, B, BK, GY, LA, RD, V, W
□ 7624__	4-way decorator	20	120/277	A, B, BK, GY, LA, V, W

Compliant with cULus and Fed. Spec

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



Powering Business Worldwide

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

<b>Catalog No.</b>	<b>7600 Series</b>
<b>Amps V/AC</b>	15A & 20A 120/277V Specification Grade Decorator Switches
<b>Wiring Type</b>	Back & side wire
<b>Testing &amp; Code Compliance</b>	<b>cULus Listed</b> to UL 20, & CSA C22.2, no111, file no. E18704 <b>UL Verified</b> to Federal Spec WC-896E
<b>Environmental Specifications</b>	<b>Flammability:</b> Meets UL94 requirements; V2 rated <b>Temperature Rating:</b> -20°C to 60°C (-4°F to 140°F)
<b>Electrical Specifications</b>	<b>Dielectric Voltage:</b> Withstands 1500V per UL 20 <b>Current Interrupting:</b> Yes, at full-rated current <b>Temperature Rise:</b> Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
<b>Mechanical Specifications</b>	<b>Terminal Accommodation:</b> #14 - 10 AWG <b>Voltage Ratings:</b> Permanently marked on device <b>Horsepower Ratings:</b> Rated for motor loads per UL 20: <b>15A:</b> @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; max. amps 12A <b>20A:</b> @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; max. amps 16A

**Table 2. Materials for AC decorator switches**

<b>Catalog No.</b>	<b>7600 Series</b>
<b>Outer Switch Housing</b>	Polycarbonate
<b>Inner Switch Housing</b>	Polycarbonate
<b>Top Housing</b>	Polycarbonate
<b>Bottom Housing</b>	PVC
<b>Strap</b>	0.050" thick steel, 15A: zinc plated, 20A: brass plated
<b>Auto Ground Clip</b>	Phosphor bronze
<b>Terminals</b>	0.035" thick brass
<b>Terminal Screws</b>	#8-32 steel with #10 head, brass plated; neutral screw nickel plated
<b>Ground Screw</b>	#8-32 steel, zinc plated, green
<b>Backwire Clamp</b>	Steel, brass plated
<b>Contacts</b>	Silver alloy
<b>Moveable Contact Arm</b>	Brass
<b>Pressure Plate</b>	Brass

**Table 3. Color Ordering Information**

For ordering devices, include Catalog no. followed by the Color suffix: A (Almond), B (Brown), BK (Black), GY (Gray), LA (Light Almond), R (Red), V (Ivory), W (White)

<b>A</b>	<b>B</b>	<b>BK</b>	<b>GY</b>	<b>LA</b>	<b>R</b>	<b>V</b>	<b>W</b>
(Almond)	(Brown)	(Black)	(Gray)	(Light Almond)	(Red)	(Ivory)	(White)

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

## Product Dimensions

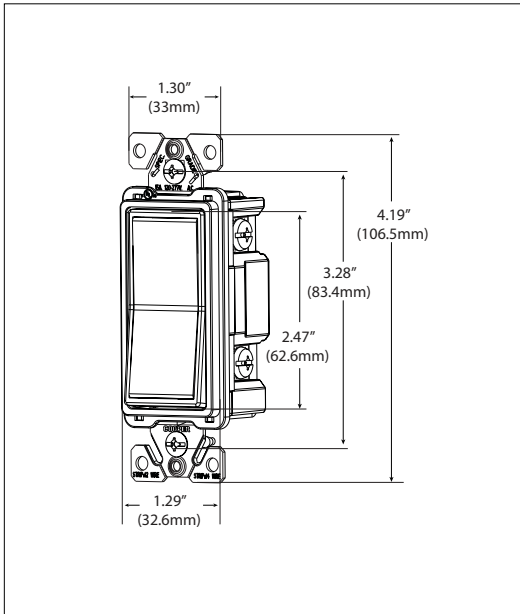






Figure 1. 7621, 7622, 7623, 7624 Line art with dimensions

## Certifications & Compliances

Catalog No.			
7601	•	•	•
7603	•	•	•
7604	•	•	•
7621	•	•	•
7622	•	•	•
7623	•	•	•
7624	•	•	•

**KEY:**  cULus  Fed. Spec  RoHS

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

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

Electrical Sector  
203 Cooper Circle  
Peachtree City, GA 30269  
United States  
Eaton.com  
Eaton.com/arrowhart

Electrical Sector  
Canada Operations  
5925 McLaughlin Road  
Mississauga, Ontario, L5R 1B8  
Canada  
EatonCanada.ca  
Eaton.com/arrowhart

Electrical Sector  
Mexico Operations  
Carr. Tlalhepantla -  
Cuautitlan Km 17.8 s/n  
Col. Villa Jardin esq.  
Cerrada 8 de Mayo  
Cuautitlan, Mexico CP 54800  
Mexico  
Eaton.mx  
Eaton.com/arrowhart