

# Residential grade 4-way switch

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



1242-7

## Description

15A 120/277V/AC  
4-Way

## Design features

- Patent pending spring cup toggle design for robust actuation
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications
- Terminal screws backed out and ready for wiring
- Tri-combo head mounting and terminal screws ease installation
- Patented built-in wire stripper for #14 and #12 wire to speed installation

**Table 1. Back & Side Wire**

Catalog No.	Description	Amps	Volts	Color Suffix
□ 1242-7__	4-Way Switch	15	120/277	A, B, LA, V, W

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

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## Applications

Residential grade 4-way switches are designed to switch from three or more locations.

**Table 2. Specifications**

Catalog No.	1242-7 Series
	15A 120/277V Residential Grade Toggle Switch
<b>Wiring Type</b>	Back & side wire
<b>Testing &amp; Code Compliance</b>	<b>cULus</b> listed to UL 20, file no. E18704 <b>UL</b> verified to Federal Spec WS-896-F
<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 <b>15A:</b> @ 120V/AC = 1/2 HP, @ 240V/AC=2 HP; max. amps 12A

**Table 3. Materials**

Catalog No.	1242-7 Series
	15A 120/277V Residential Grade Toggle Switch
<b>Toggle</b>	Nylon
<b>Top Housing</b>	Polycarbonate
<b>Bottom Housing</b>	Polycarbonate
<b>Strap</b>	0.050" thick steel, galvanized
<b>Auto Ground Clip</b>	0.015" thick brass
<b>Terminals</b>	0.030" thick brass
<b>Terminal Screws</b>	#10-32 brass, black
<b>Ground Screw</b>	#8-32 steel, zinc plated, green
<b>Back wire Clamp</b>	0.070" plated steel (terminal screws), 0.50" (ground screw)
<b>Contacts</b>	Silver alloy
<b>Moveable Contact Arm</b>	0.030" thick brass

**Table 4. Color Ordering Information**

For ordering devices, include Catalog No. followed by the Color Suffix: A (Almond)  
B (Brown), LA (Light Almond), V (Ivory), W (White)

<b>A</b>	<b>B</b>	<b>LA</b>	<b>V</b>	<b>W</b>
(Almond)	(Brown)	(Light Almond)	(Ivory)	(White)

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## Product Dimensions

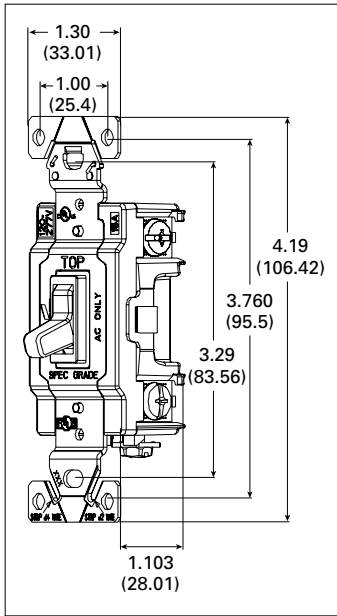


Figure 1. 1242-7

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