

Toggle dimmers & fan speed controls

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

Description

Single pole & 3-way
600W, 1000W, 5A, 1.5A
Incandescent, Halogen, Fan Control

Design features

- Integrated toggle switch for ON/OFF and DIM/BRIGHT operation
- Single pole and 3-way wiring offered in a single unit or separately
- Matches existing wall switches
- Replaces a standard switch and offers dimming capabilities
- Fully variable fan control allows for precise fan speed setting
- Radio Frequency Interference (RFI) filtering for radio, audio and video equipment
- Power failure memory
- Electrostatic discharge protection
- Square Law Dimming – perceived dimming level is proportional to the slider position
- Precise color matching
- Compatible with any traditional switch wallplate or screwless wallplate
- California Title 20 compliant



TI306
TI061
TI3101



TI061L
TI306L
TI3101L



TFS5

Table 1. Toggle Dimmers & Fan Speed Controls, Wire Leads

Catalog No.	Lamp Type(s)		Description	Rating	Color Suffix	TITLE 20
	Fan Control Type					
<input type="checkbox"/> TI061__	INC/HAL		Dimmer, single pole & 3-way, non-preset	600W 120V/AC	B, BK, LA, V, W	•
<input type="checkbox"/> TI061L__	INC/HAL		Dimmer, lighted, single pole & 3-way, non-preset	600W 120V/AC	Clear	•
<input type="checkbox"/> TI306__	INC/HAL		Dimmer, 3-way, non-preset	600W 120V/AC	B, BK, LA, V, W	
<input type="checkbox"/> TI306L__	INC/HAL		Dimmer lighted, 3-way, non-preset	600W 120V/AC	Clear	
<input type="checkbox"/> TI3101__	INC/HAL		Dimmer, single pole & 3-way, non-preset	1000W 120V/AC	B, BK, LA, V, W	•
<input type="checkbox"/> TI3101L__	INC/HAL		Dimmer, lighted, single pole & 3-way, non-preset	1000W 120V/AC	Clear	•
<input type="checkbox"/> TFS5__	Fully Variable		Fan speed control, single pole, non-preset	5A 120V/AC	LA, V, W	

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



Powering Business Worldwide

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Applications

Eaton's Toggle dimmers provide a smooth slide, full range dimming for Incandescent and Halogen lighting. In addition, one fully variable fan speed control is included in the product series. This line offers combined single pole (single location) and 3-way (multilocation) units for 600W and 1000W lamp loads or single pole only and 3-way only units. All toggle dimmers are compatible with any traditional-style switch wallplate or screwless wallplate.

Table 2. Specifications

Catalog No.	TI061*, TI06L*, TI306, TI306L, TI3101*, TI3101L*, TFS5
Device Type	TRACE Toggle Dimmer & Fan Controls: TI061, TI06L, TI306, TI306L, TI3101, TI3101L, TFS5
Wiring Type	Wire leads, #16 AWG
Testing & Code Compliance	<ul style="list-style-type: none"> cULus Listed to UL1472, file no. E47967 & CSA standard C22.2, no. 184.1, except fan control: Listed to UL1917, file no. E202842 & CSA standard C22.2, no. 156 NOM Certified California Title 20 compliant (*only)
Environmental Specifications	Flammability: Meets UL 94 requirements; V2 rated Temperature Rating: 0°C to 40°C (32°F to 104°F)
Electrical Specifications	Rating: 120V/AC 60 Hz Light Intensity Control: Full-range, continuously variable dimming Dimming Performance: Smooth and continuous Square Law Dimming curve Solid State Dimming Surge Protection: Meets ANSI/IEEE Std. C62.41-1980, tested to withstand voltage surges up to 6000V and current surges of up to 200A without damage Radio Frequency Interference: Designed to reduce interference with radio, audio and video equipment Power-failure Memory: Light or fan returns to same level prior to power interruption Lamp Ratings: Incandescent, Halogen
Mechanical Specifications	Wiring Types: Single Pole & 3-Way Voltage Ratings: Permanently marked on device

Table 3. Materials

Catalog No.	TI061*, TI06L*, TI306, TI306L, TI3101*, TI3101L*, TFS5
Top Housing	Polycarbonate
Bottom Housing	Polycarbonate
Strap	Aluminum
Form Factor	Traditional
Finish	Gloss

* California Title 20 Compliant

De-Rating Chart	600W Models			1000W Models		
	1-Gang	2-Gang	3-Gang	No Sides Removed	1 Side Removed	2 Sides Removed
Incandescent	600W max.	600W max.	600W max.	1000W max.	900W max.	800W max.

Table 4. Color Ordering Information

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

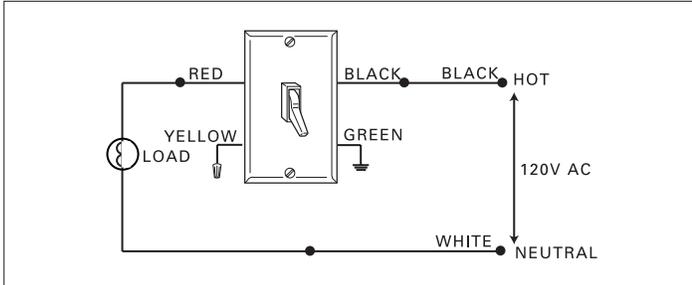


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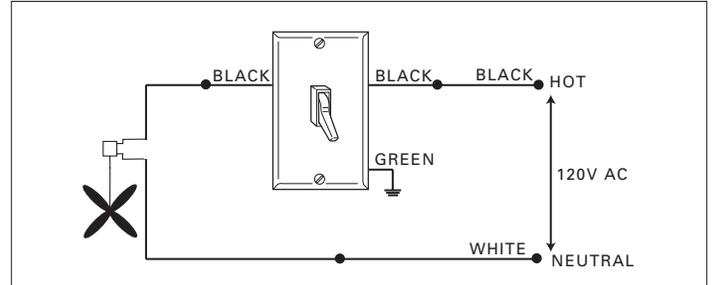
Project Name:	Prepared By:
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Wiring Diagrams

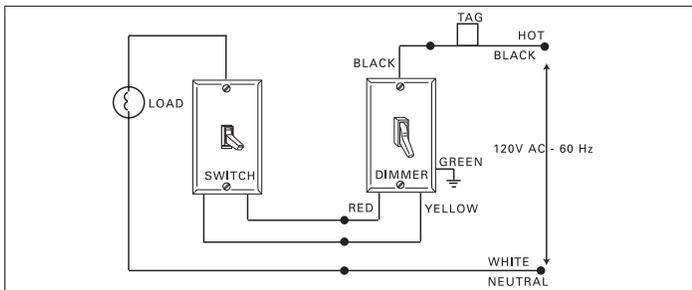
Single Pole Wiring Diagram, INC



Single Pole Wiring Diagram, Fully Variable Fan



3-Way Wiring Diagram, INC



Certifications & Compliances

Catalog No.	cUL _{US}	NOM 426	TITLE 20
TI061	•	•	•
TI061L	•	•	•
TI306	•	•	
TI306L	•	•	
TI3101	•	•	•
TI3101L	•	•	•
TFS5	•	•	

KEY: cUL_{US} cULus NOM 426 TITLE 20 TITILE 20 Compliant

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