

Universal toggle dimmer

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



TUL06P-C2

Description

Single-pole & 3-way
300W Dimmable LED, Dimmable Compact Fluorescent (CFL)
600W/VA Incandescent (INC)/Halogen (HAL), Dimmable Fluorescent (FLR), Magnetic Low-Voltage (MLV), Electronic Low-Voltage (ELV)

Design features

- Preset feature allows user to return to previous light level when turning lights ON
- Integrated full-slide control for easy, precise operation
- Device can be wired into either 3-way location (load side or line side)
- Neutral is not required for installation of device
- Adjustable low-level trim setting for optimal lamp compatibility
- Faceplate is removable to allow for color changes
- Radio frequency interference filtering is standard on all models
- Electrostatic discharge protection
- Compatible with any traditional toggle wallplate or screwless toggle wallplate
- Compatible with most common dimmable lighting loads (Forward phase-cut)
- Color change kits are available with packout of 3 different colors for increased flexibility and convenience
- Soft gradual ON feature
- California Title 20/24 compliant

Table 1. Universal Toggle Dimmer, Back & Side Wire

Catalog No.	Description	Compatible Lamp Types	Rating			Color Suffix
			Watt	V/AC		
□ TUL06P-__	Universal toggle dimmer single pole/3-way preset, back and side wire	Dimmable LED/CFL	300	120		C2, C7
		INC, HAL, FLR, MLV, ELV	600	120		C2, C7
□ TCK3-__	Color change faceplate for TUL06P	—	—	—		B, BK, GY, LA, V, W

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

EATON

Powering Business Worldwide

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

Applications

The universal toggle dimmer offers a traditional toggle look with integrated full-range dimming for 300W dimmable LED and CFL as well as 600W incandescent, halogen, dimmable fluorescent, electronic low-voltage & magnetic low-voltage light sources. These units are ideal for residential and light commercial applications and are compatible with Eaton's Wiring Devices traditional toggle style devices and wallplates. The preset feature automatically returns light(s) to the previous setting. The device is designed for both single pole (one location) and 3-way (multi-location) applications, and features a soft gradual ON setting that provides seamless dimming.

Table 2. Specifications

Catalog No.	TUL06P, TCK3 Series
Device Type	Universal Toggle Dimmer
Wiring Type	Back & side wire
Testing & Code Compliance	- cULus Listed to UL1472, file no. E47967 - NOM Certified - California Title 20/24 compliant
Environmental Specifications	Flammability: Meets UL 94 requirements; V2 rated Temperature Rating: -20°C to 70°C (-4°F to 158°F)
Electrical Specifications	Rating: 120V/AC 60 Hz Light Intensity Control: Full-range, continuously variable dimming Dimming Performance: Solid State Dimming Radio Frequency Interference: Designed to reduce interference with radio, audio and video equipment Power-failure Memory: Light returns to same level prior to power interruption Lamp Ratings: 300W dimmable LED/CFL 600W incandescent, halogen, dimmable fluorescent, electronic low-voltage, magnetic low-voltage
Mechanical Specifications	Wiring Types: Single pole & 3-way Voltage Ratings: Permanently marked on device

Table 3. Materials

Catalog No.	TUL06P, TCK3 Series
Top Housing	Polycarbonate
Bottom Housing	Polycarbonate
Strap	Aluminum
Form Factor	Decorator
Finish	Gloss

Table 4. De-Rating Chart - 600W Models

Lamp Type	1-Gang	2-Gang	3-Gang +
LED/CFL	300W max.	300W max.	300W max.
INC, HAL, ELV	600W max.	600W max.	600W max.
MLV	600VA max.	600VA max.	600VA max.
FLR	600W max.	600W max.	600W max.

Table 5. Color Ordering Information

For ordering devices, include Catalog no. followed by the Color suffix:
C2 (Color Change Kit: LA, W, V), C7 (Color Change Kit: B, BK, GY)

LA	W	V	BK	B	GY
----	---	---	----	---	----

C2 Color Change Kit
LA (Light Almond), W (White), V (Ivory)

C7 Color Change Kit
BK (Black), B (Brown), GY (Gray)

Table 6. Quick Compatibility Guide

Refer to www.Eaton.com/led-dimming

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

Product Dimensions

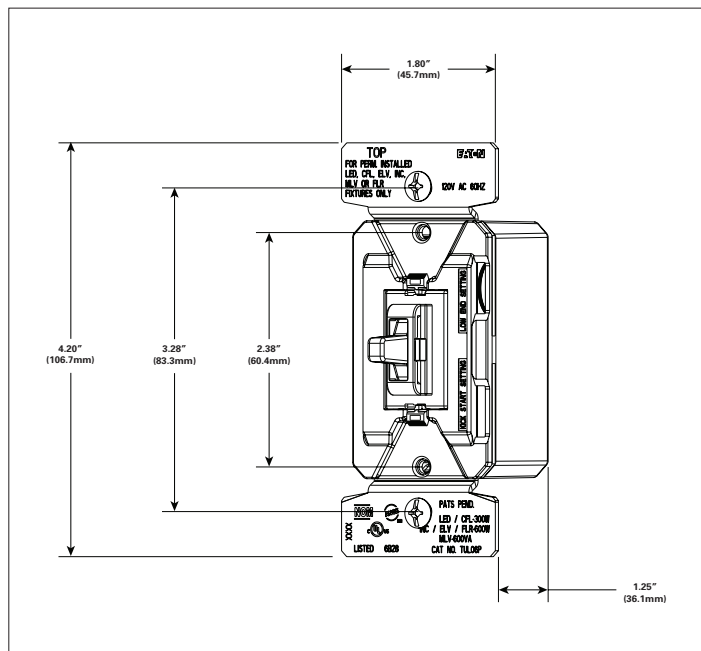


Figure 1. TUL06P Line Art With Dimensions

Certifications & Compliances

Catalog No.	cULus	NOM 426	ETL ETL 2012/24
TUL06P	•	•	•
TCK3	•	•	•

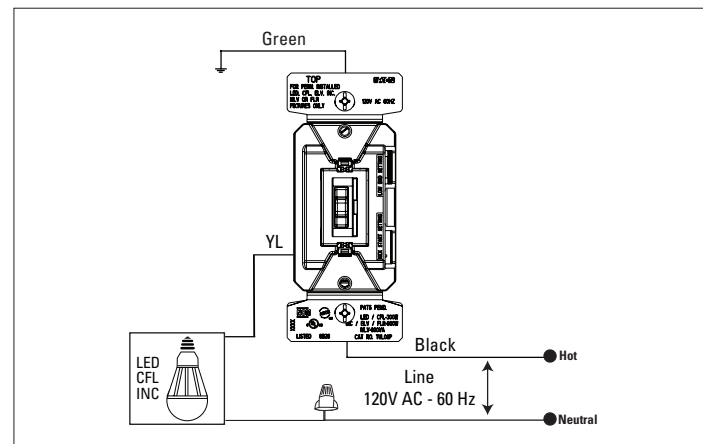
KEY: cULus cULus NOM 426 ETL ETL 2012/24 TITLE 20/24

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

Eaton
1000 Eaton Boulevard
Cleveland, OH 44122
United States
Eaton.com

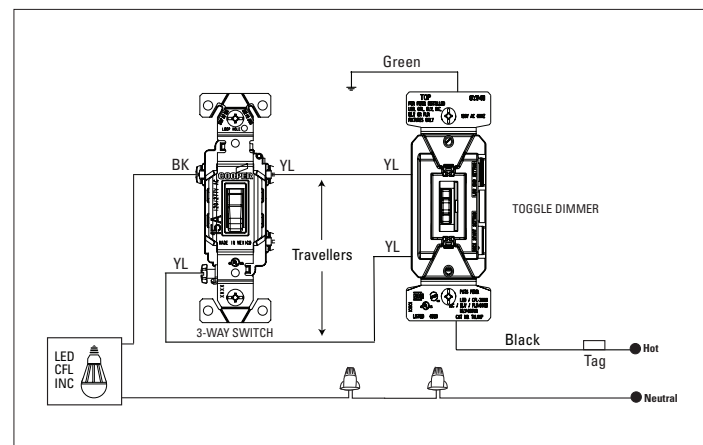
Wiring Diagrams

Single Pole Wiring Diagram INC, HAL, LED/CFL, FLR, MLV, ELV



Note: Location of terminal screws are color-coded with "BK" or "YL"

3-Way Wiring Diagram INC, HAL, LED/CFL, FLR, MLV, ELV



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

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