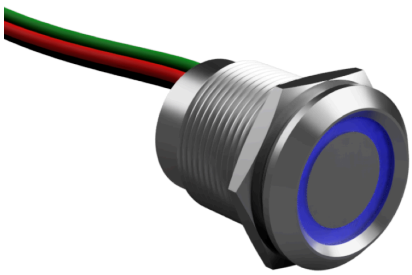
Data sheet

XWD-ID-T

Inline touch dimmer for constant-voltage LED loads



PRODUCT OVERVIEW

The XWD-ID-T is a wired inline touch dimmer for remote, localized control of constant-voltage LED loads in X-PoE® lighting systems.

Installed between an X-PoE® switch, an XPD, and the connected LED load, it accepts 30-60VDC input power and provides PWM dimming on the output.

The low-profile stainless steel panel-mount control gives occupants an economical local dimming point without adding an additional smart device to the room.

It is well suited for task lighting applications, including under-cabinet lighting, where simple local control is useful near the illuminated work area.

When paired with the XPD system, the XWD-ID-T supports room-level occupancy control while preserving individual localized control at the panel.

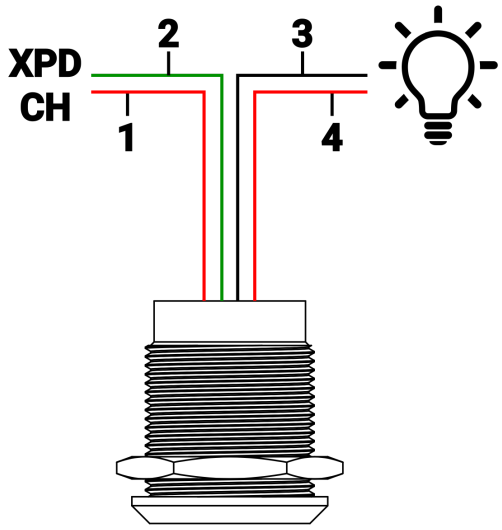
CONFIGURATIONS

XWD-ID-T: Panel-mount inline touch dimmer with blue LED ring, stainless steel actuator, four-wire pigtail connection, and 0-7A output rating.

FEATURES

Inline dimming	PWM dimming for constant-voltage LED loads
	30-60VDC input range
	0-7A wired output rating
Localized control	Momentary touch control with stepless dimming
	Low-cost remote-control option without adding another smart device
	Works in line with an X-PoE® switch and XPD
Panel-mount construction	Stainless steel panel-mount touch button
	Low-profile face, approximately 3 mm proud of the mounted panel
	Rear backing nut for straightforward installation
System behavior	Integral blue LED ring indicates that power is available at the control
	On power-up, the connected light remains off until commanded locally
	Coordinates with X-PoE® room occupancy: off at power-up and when vacant; local touch and dimming when the space is occupied, with the blue LED showing the control is live.
Ingress protection	IP67-rated enclosure for protected panel applications
Warranty	2-year limited warranty

WIRING DIAGRAM



1. Input (RED): V_{in}+
2. Input (GREEN): V_{in}-
3. Output (BLACK): V_{out}- to LED
4. Output (RED): V_{out}+ to LED

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TECHNICAL SPECIFICATIONS

Category	Specification	XWD-ID-T
MECHANICAL	Dimensions	22 mm x 22 mm x 22 mm (0.87 in x 0.87 in x 0.87 in), not including wires
	Panel Cut-Out	19.3 mm (0.75 in)
	Maximum Panel Thickness	14 mm (0.55 in)
	Mounted Profile	Approximately 3 mm (0.12 in) proud of panel
	Material	Stainless steel
	Weight	0.05 lb (0.02 kg)
INTERFACES	Control Type	Momentary capacitive touch control with stepless dimming
	Conductors	Four-wire pigtail: (2) red positive conductors, (1) black output negative conductor, (1) green input negative conductor
	Wiring	Input: Red (V_{in}+), Green (V_{in}-); Output to LED: Black (V_{out}-), Red (V_{out}+)
ELECTRICAL	Power Input	30-60VDC input from XPD
	Power Output	0-7A
	Load Type	Constant-voltage LED loads
	Dimming Method	PWM output dimming
	Indicator	Integral blue LED ring
SYSTEM	System Role	Inline local dimming control used with an X-PoE® switch and XPD
	Occupancy Integration	Enables room-level occupancy control through the X-PoE® system while providing individual localized control
ENVIRONMENT	Ingress Protection	IP67
GENERAL	Warranty	2-year limited warranty

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