



1 - Channel Mini Touch Dimmer Switch, 12V/72W or 24V/144W, 4A Max, Indoor

- Single-channel touch dimming for 12V or 24V DC LED loads
- Maximum load of 72W at 12V and 144W at 24V
- Rated for 4A maximum output current
- Aluminum and plastic housing in a silver finish
- Operating range of -20 to 40 °C with 50,000-hour rated life
- CE and RoHS compliant, backed by a 1-year warranty

OVERVIEW

The C-1-72-1SW is a single-channel mini touch dimmer switch for controlling low-voltage LED lighting in residential and commercial installations. The compact form factor and capacitive touch interface allow brightness adjustment without mechanical controls.

The switch operates at 12V with a maximum load of 72W, or at 24V with a maximum load of 144W, and is rated for a maximum current of 4A. The housing combines aluminum and plastic construction in a silver finish for service across a -20 to 40 °C ambient range, with a rated operating life of 50,000 hours.

The controller is CE and RoHS compliant and carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Finish Silver
Material Aluminum + Plastic

ORDERING

Warranty 1 y

ELECTRICAL

Operating Voltage 24 V
Wattage 48 W
Maximum Current 4 A
Power Supply Output 12VCD
Device Type Single-channel low-voltage touch dimming switch

ENVIRONMENTAL

IP Rating IP68
Environmental Rating Waterproof
Ambient Operating Temperature -20-40 °C
-4-104 °F

CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant

APPLICATIONS

- Retail display and cabinet lighting
- Hospitality guest room lighting
- Residential cove and under - counter lighting
- Office accent lighting circuits
- Architectural millwork installations

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	24 V	pdf	high
wattage	48 W	pdf	high
current_draw	4 A	db	high
ps_output	12VCD	db	high
device_type	Single-channel low-voltage touch dimming switch	pdf	high
finish	Silver	db	high
material	Aluminum + Plastic	db	high
ip_rating	IP68	db	high
environmental_rating	Waterproof	db	high
ambient_temp_c	-20-40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.