



1-Channel Low Voltage Relay Controller, DC 5-24V, Max 4A Load Current

- Single-channel relay switching for DC loads 5-24V
- Maximum load current rated below 4A
- Ambient operating range of -20°C to 40°C
- White plastic housing construction
- Non-waterproof rating for indoor use
- 1-year manufacturer warranty

OVERVIEW

The C-1-72 is a single-channel relay controller for switching DC-powered electrical loads in commercial and industrial control applications. It accepts input voltages from 5V to 24V and supports a maximum load current of less than 4A, suited to low-current switching tasks in automation and lighting control systems. The unit is rated for ambient operating temperatures of -20°C to 40°C and carries an LED lifetime rating of 50,000 hours when used to drive LED loads. Housing is white plastic, and the unit is non-waterproof, intended for dry indoor locations. The product carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Finish White

Material Plastic

ORDERING

Warranty 1 y

ELECTRICAL

Operating Voltage 5-24 V

Wattage 30-144 W

Current Draw 4 A

ENVIRONMENTAL

Environmental Rating Non-Waterproof

Ambient Operating Temperature -20-40 °C
-4-104 °F

APPLICATIONS

LED strip lighting control

Signage power switching

Low voltage automation panels

Commercial lighting control systems

Industrial equipment switching

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	5-24 V	db	high
wattage	30-144 W	db	high
current_draw	4 A	pdf	medium
finish	White	db	high
material	Plastic	db	high
environmental_rating	Non-Waterproof	db	high
ambient_temp_c	-20-40 °C	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.