

Adjustable Time Delay Relay

10 Amps - 24-240VAC Input Voltage - 1-1000 Seconds

Instruction Guide

The MOD-TMD-RLY from Larson Electronics is an Adjustable Time Delay Relay that features a range of input voltages and offers adjustable from 10 to 1000 seconds. The MOD-TMD-RLY has encapsulated circuitry and is capable of handling loads up to 10 amps. The versatility of this unit makes it ideal for applications that require various flash rates and operating voltages.

OPERATION

When input voltage is applied to terminal 2 and the load (lamp), the load energizes steadily. When input voltage is applied to terminal 3, the output flashes.

Optional Low Current Switch (S1): This low current switch could be a limit switch or contact. While open, the operator sees the load (lamp) ON and operating. When the limit switch closes, the load (lamp) flashes to attract attention.

Technical Data

Operation: ON/OFF recycling solid-state flasher (continuous duty)

Flash Rate: Adjustable 10 - 100 FPM

ON/OFF Ratio: $\cong 50\%$

Input

Range/Frequency: 24 to 240VAC / 50/60Hz

Output

Load Type: Inductive, resistive, or incandescent

Maximum Load Rating: 10 amp steady state

Inrush: 10 times steady state current

Mechanical

Mounting*: Surface mount with one #10 (M5 x 0.8) screw

Dimensions: 50.8 mm (2"); **W** 50.8 mm (2"); **D** 38.4 mm (1.51")

Termination: 0.25 in. (6.35 mm) male quick connect terminals

Protection

Circuitry: Encapsulated

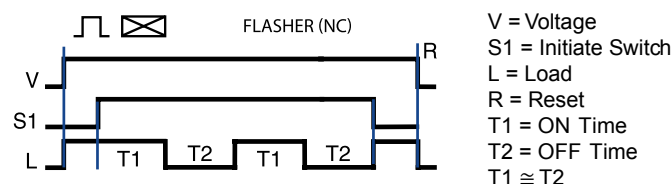
Environmental

Operating/Storage Temperature: -20° to 60°C (240VAC +50°C) / -40° to 85°C

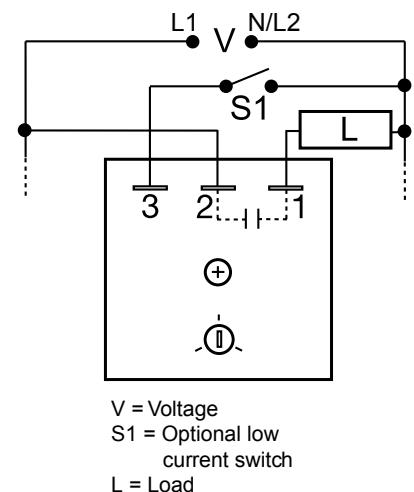
Weight: $\cong 3.9$ oz (111 g)

*Units rated > 6A must be bolted to a metal surface using the included heat sink compound. The maximum mounting surface temperature is 90°C.

Flasher Function Diagram



Wiring Diagram



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.