Repeat Cycle Solid State Timer

MRS

Specifications

Electrical

Input Voltage: 24 to 120V ±10%
Frequency: AC - 50/60Hz
DC - Filtered to Full Wave
Time Delays:
Type: Adjustable, Factory Fixed or Remote
Range: 100 Milliseconds to 5 Minutes
Repeat Accuracy:
±1% with Fixed Conditions
Reset Times:
During Timing: 50 Milliseconds,Typical
Protection: Varistor and/or R-C Network
Power Consumption: 5VA
Output Ratings:
Type: Solid State, Non-Isolated
Form: One Normally Open (1NO, Form A)
Rating: 1 Amp Continuous @ 25°C
Resistive: 100% PF
Inductive: 80% PF
15 Amps Inrush, Non-repetitive
30 mAmps to ensure turn-on

Physical

Mounting: Surface, #6 Screws
Termination: Screw or .25" Push-On Tabs
Packaging: Epoxy Filled
Weight: 4 Oz.

Ambient Temperatures

Operating: 0°C to 65°C
U.L. Operation: 0°C to 40°C
Storage: -30°C to 85°C

Notes:
On MRS with remote timing resistors, multiples of 2.7 megohms will increase the time delay by 1 minute ±20%.

For adjustment codes 4 a jumper or resistor must be installed across terminals 5 and 6 for the On Time and Terminals 7 & 8 for the Off Time to allow the timer to time out.

- **Independent On & Off Times**
- **1 Amp Output, 1NO**
- **Indicating LED**
- **Fixed or Adjustable Delays**
- **Screw Terminals or Push-On Tabs**
- **Voltages from 24 to 120VAC**
- **Epoxy Filled**

cULus
E71902

Ordering Information

MRS - 120A - 4 S (On Off: Fixed - Times)

R-K Model

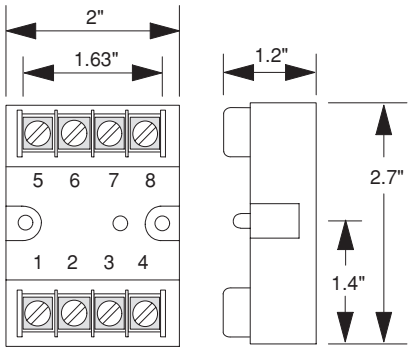
Input Voltages
24D - 24VDC
24A - 24VAC
120A - 120VAC

Adjustments
1 - Fixed
(Specify time in sec.)
4 - Remote timing resistor

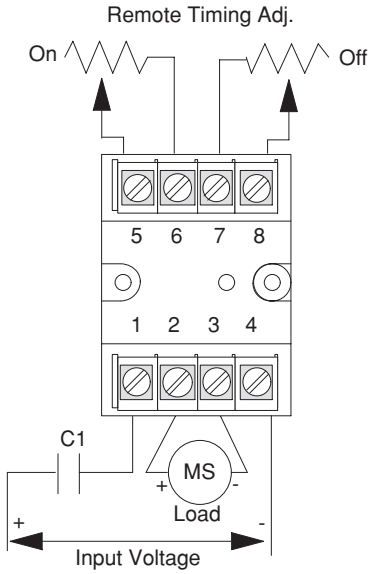
Termination
S - Screw Terminals
T - .25" Push-On Tabs

DIN Rail Bracket #DRB-2

Dimensions



Connections



Operation

Repeat Cycle
When input voltage is applied to the MRS, the load is energized and the first delay period (on time) begins. At the end of the on time period, the load is de-energized and the second delay period (off time) begins. The MRS will continue to cycle the load until the input voltage is removed.