One Shot
Solid State Timer

MSS

Specifications

Electrical
Input Voltage: 24 to 220V ±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
Control Contact Response Times:
During Timing: 135 Milliseconds,Typical
After Timing: 12 Milliseconds, Typical
Protection: Varistor and/or R-C Network
Power Consumption: 5VA
Output Ratings:
Type: Solid State
Form: One Normally Open (1NO, Form A)
Non-Isolated
Rating: 1 Amp Continuous @ 25°C
Resistive: 100%PF
Inductive: 75-80%PF
15 Amps Inrush, Non-repetitive
30 mA 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
Storage: -30°C to 85°C

Notes:
Remote Timing Resistors - multiples of 2.7 megohms will increase the time delay by 1 minute ±20%.

For adjustment codes 3 & 4 a jumper or resistor must be installed across terminals 5 and 6 to allow the timer to time out.

- **1 Amp Output, 1NO**
- **Indicating LED**
- **Fixed or Adjustable Delays**
- **Screw Terminals or Push-On Tabs**
- **Voltages from 24 to 220 Volts**
- **Epoxy Filled**

Ordering Information

MSS - 120A - 3 S - (Fixed Time)

R-K Model

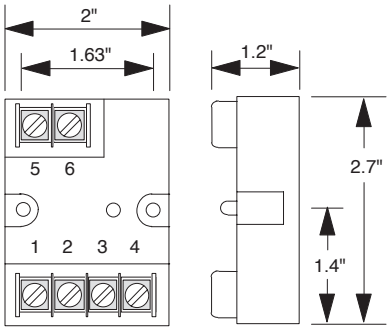
Input Voltages
24D - 24VDC
24A - 24VAC
120A - 120VAC
220A - 220VAC

Termination
S - Screw Terminals
T - .25" Push-OnTabs

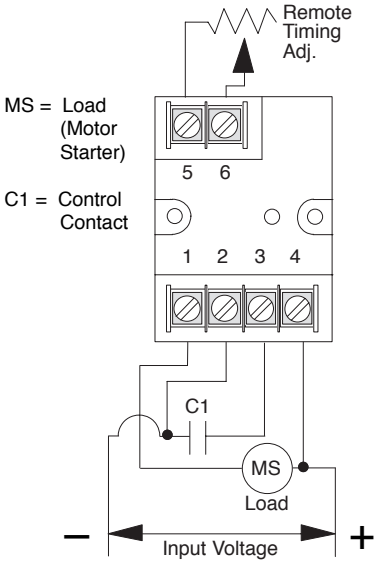
Adjustments
1 - Fixed Internally (Specify time in sec.)
2 - Adjustable .1 to 45 sec. with internal pot.
3 - Adjustable .1 to 300 sec. with remote resistor and internal pot
4 - Remote timing resistor

DIN Rail Bracket #DRB-2

Dimensions

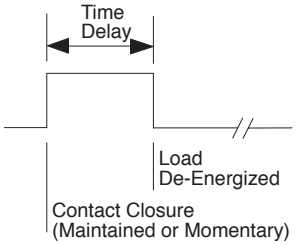


Connections



Operation

One Shot
When input voltage is available, closure of the customer supplied contact (C1) will energize the load and begin the timing cycle. At the end of the timed period, the load will be de-energized. Closure of the contact supplying voltage to the MSS may be maintained, momentary or repeated. The load will only remain energized for the time period initiated by the initial closure of the contact. The MSS resets when the timed cycle is complete with the contact open or the input voltage is removed.



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