



Off Delay Solid State Timer

MGS

Specifications

Electrical

Input Voltage: 24 to 220V $\pm 10\%$
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: $\pm 1\%$ with Fixed Conditions

Reset Times:

During Timing: 70 Milliseconds, Typical
 After Timing: 150 Milliseconds, Typical

Protection:

Varistor and/or R-C Network

Power Consumption:

5VA
 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 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
Storage: -30°C to 85°C

Notes:

Remote Timing Resistors—multiples of 2.7 megohms will increase the time delay by 1 minute $\pm 20\%$.

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



- Low Cost
- 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

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

R-K Model

Input Voltages

24D - 24VDC
 48D - 48VDC
 24A - 24VAC
120A - 120VAC
 220A - 220VAC

Termination

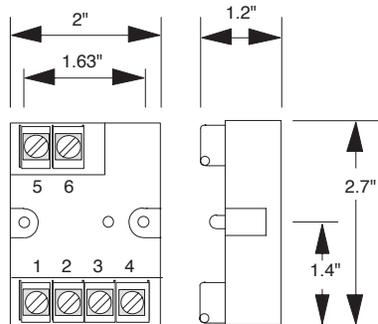
S - Screw Terminals
 T - .25" Push-On Tabs

Adjustments

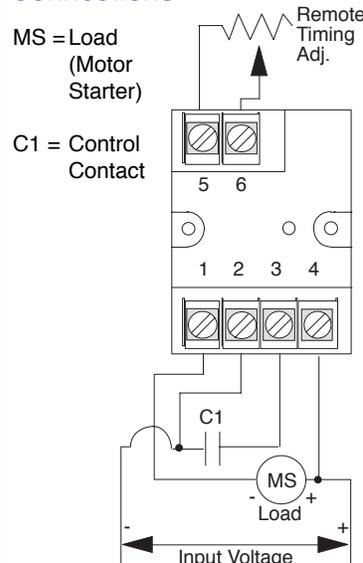
- 1 - Fixed Internally (Specify time in sec.)
- 2 - Adjustable .1 to 45 sec. with internal pot.
- 3 - Adjustable .1 to 300 sec. with remote resistor and internal pot
- 4 - Remote Timing Resistor

DIN Rail Bracket #DRB-2

Dimensions



Connections



Operation

Off Delay

When input voltage is available, closure of the customer supplied contact (C1) will energize the load. When the contact is opened, the timing cycle begins. At the end of the timed period, the load will be de-energized. Re-closure of the contact during the timing cycle will reset the timer. The MGS also resets when the timed cycle is complete or the input voltage is removed.

