

Asymmetric ON-OFF Timer

- Compact 22.5mm Wide
- Can be configured to Switch ON or Switch OFF first
- Independent settings for ON & OFF time
- Wide Time Range
- LED Indications for Power and Relay status

Star Delta Timer

- Settable Start Time
- Settable Pause Time
- Indications for Star & Delta
- Excellent Noise Immunity to the latest IEC standards

**RoHS
Compliant**

Specification

Part Number		MP008388
Parameters		
Timer Description		Asymmetric Timer
Mode		Asymmetric ON-OFF (A), Asymmetric OFF-ON (B)
Functional Diagram		
Supply Voltage		24V AC / 240V AC/DC
Supply Variation		- 20% to +10%
Frequency		50/60 Hz
Power Consumption		4 VA Max.
Timing Ranges		0.1s to 10h
Pause Time (P)		N A
Reset Time		200 ms (Max.)
Setting Accuracy		± 5% of Full scale
Repeat Accuracy		± 1%
Output	Relay Output	2 C/O
	Contact Rating	5A @ 240V AC / 28V DC (Resistive)
	Electrical Life	1 × 10 ⁵
	Mechanical Life	1 × 10 ⁷
Utilization Category	AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3.0/1.5 A Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.1 A
	DC - 13	
Operating Temperature		-15°C to +60°C
Storage Temperature		-20°C to +80°C
Humidity (Non Condensing)		95% (Rh)
LED Indication		Green LED Power ON, Red LED Relay ON
Enclosure		Flame Retardant UL94-V0
Dimension (W x H x D)		22.5mm × 75mm × 100.5mm
Weight (unpacked)		130 g
Mounting		Base / DIN Rail
Degree of Protection		IP 20 for Terminals, IP 40 for Enclosure

MP008387

Signal Based Multi - Function

- Multi-function with Signal Start and Supply Start.
- 16 Timing Functions selected by DIP switch.
- Two independent relay outputs with either both relays timed or one timed and one instantaneous.
- Wide Input Signal & Supply range - 24-240V AC/DC.
- Wide Timing Range - 0.1 s to 120 days.
- High timing Accuracy.
- LED indicators for Power Supply & Relay Status.
- 22.5mm DIN Mount Housing.

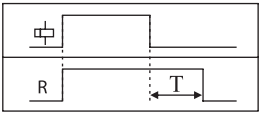
Specification

Part Number		MP008387
Parameters		
Timer Description		Multi-function with Signal Start and Supply Start
Supply Voltage		24V AC / 240V AC/DC
Supply Variation		- 20% to +10%
Frequency		50/60 Hz
Power Consumption		3 VA Max.
Initiate Time		100 ms (Max.)
Reset Time		200 ms (Max.)
Signal Voltage	Low Range (B1L-A2)	24-60V AC/DC
	High Range (B1H-A2)	85-265V AC, 100-265V DC
Signal Sensing Time		For AC Signals: 50 ms Max.
		For DC Signals: 20 ms Max.
Signal stabilization Delay		100 ms (Applicable at Power ON Only)
Setting Accuracy		± 5% of Full scale
Repeat Accuracy		± 1%
Output	Relay Output	1 C/O (Delayed) & 1 C/O (Configurable as either Delayed or Instant)
	Contact Rating	5A @ 240 VAC / 28 VDC (Resistive)
	Contact Material	AgNi
	Electrical Life	1 × 10 ⁵
	Mechanical Life	1 × 10 ⁷
Set Time (Ts)		0.1 seconds to 120 Days
LED Indication on front panel		Green LED ON: Power ON, Amber LED ON :Relay ON for Delayed contact
Mounting		Base / DIN Rail
Max. Operating Altitude		2000 m
Housing		Flame retardant (UL 94-V0)

Operating Temperature	-10°C to +60°C
Storage Temperature	-20°C to +70°C
Humidity (Non Condensing)	95% (Rh)
LED Indication	Green LED Power ON, Red LED Relay ON
Enclosure	Flame Retardant UL94-V0
Dimension (W x H x D)	22.5mm x 83mm x 100.5mm
Weight (unpacked)	130 g
Pollution Degree	II
Degree of Protection	IP 20 for Terminals, IP 40 for Enclosure

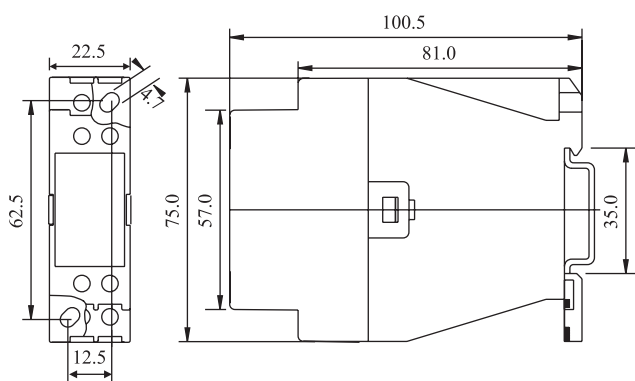
Features

- True OFF Delay (Power OFF Delay) upto 600 seconds with 2 C/O.

Part Number		MP008389
Parameters		
Timer Description		True OFF Delay (Power OFF Delay) Timer
Mode		True OFF Delay (Power OFF Delay)
Functional Diagram		
Supply Voltage		24V AC / 240V AC/DC
Supply Variation		-10 to +20%
Frequency		50/60 Hz
Power Consumption		2.5 VA Max.
Energizing Time		1s (Minimum)
Timing Range		0.6s to 600s
Setting Accuracy		± 5% of Full scale
Repeat Accuracy		± 1%
Output	Relay Output	2 C/O
	Contact Rating	5A @ 240V AC / 28V DC (Resistive)
	Electrical Life	1 × 10 ⁵
	Mechanical Life	1 × 10 ⁷
Utilization Category	AC - 15	Rated Voltage (Ue): 120/240 V, Rated Current (Ie): 3.0/1.5 A
	DC - 13	Rated Voltage (Ue): 24/125/250 V, Rated Current (Ie): 2.0/0.22/0.1 A

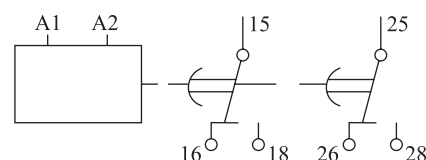
Operating Temperature	-15°C to +60°C
Storage Temperature	-20°C to +70°C
Humidity (Non Condensing)	95% (Rh)
LED Indication	Green LED Power ON, Red LED Relay ON
Enclosure	Flame Retardant UL94-V0
Dimension (W x H x D)	22.5mm x 75mm x 100.5mm
Weight (unpacked)	130 g
Mounting	Base / DIN Rail
Degree of Protection	IP 20 for Terminals, IP 40 for Enclosure

Mounting Dimension



MP008388
MP008389

Connection Diagram



MP008388
MP008389

Dimensions : Millimetres

Part Number Table

Description	Part Number
Assymetric Time Delay Relay, 2CO, DIN Rail	MP008388
Multi Function Time Delay Relay, 2CO, Signal Based	MP008387
True Off Time Delay Relay, 2CO	MP008389

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