

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 DC - 13	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
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

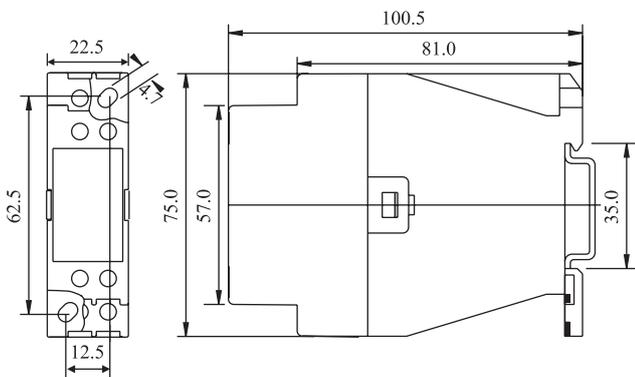
Features

- 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

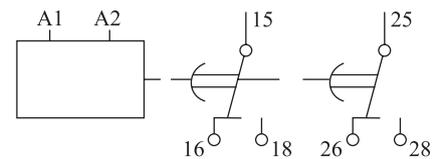
Mounting Dimension



MP008388
MP008389

Dimensions : Millimetres

Connection Diagram



MP008388
MP008389

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.