Digital Time Switch

multicomp PRO

Features

- LCD Display with Green backlight
- Precise time programming for Astro / Daily / Weekly / Pulse / Cyclic switching
- Latitude / Longitude Database for 45 Countries and 280 cities
- Settable Latitude / Longitude precise to the minute with time zone
- Sunrise/Sunset or Twilight rise/set trigger modes
- Ease of Day selection in Weekly programming
- 50 ON/OFF programs, 10 Holiday Programs
- Settable DST feature & Password protection
- 16A Single and Dual relay outputs
- Two Separate Relay outputs with independent Programming
- 12/24 Hour Display Format
- 6 Years Battery reserve
- Simple Reset & Manual Override
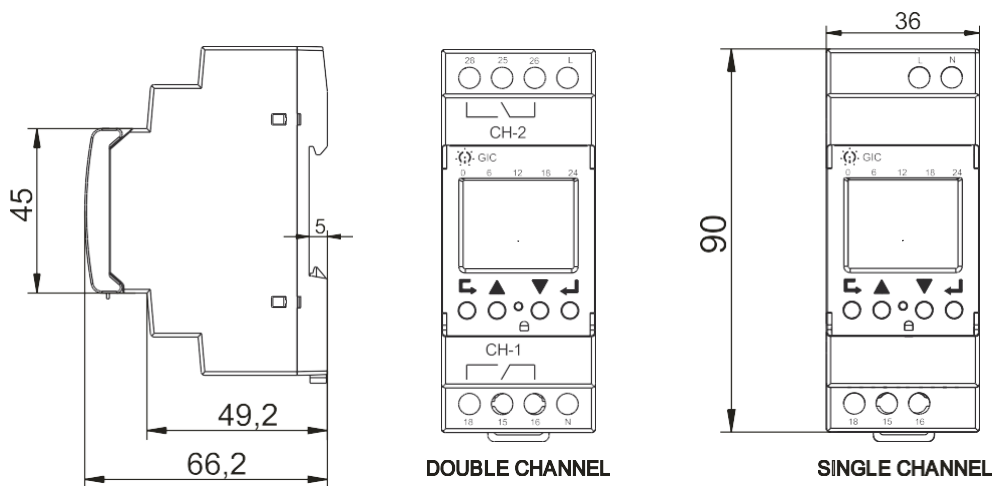- Service/Load hours measurement

Specification

Part Number	MP008392	MP008393
Relay Configuration	1 C/O	2 C/O
Parameters		
Supply Voltage	240V AC	
Supply Variation	-20% to +10%	
Frequency	50-60 Hz	
Power Consumption	6 VA	
Programming	Latitude / Longitude Database for 45 Countries and 280 cities	
	Precise time Programming for Daily / Weekly / Pulse / Cyclic switching	
Number of Programs	50 Each channel + 10 for Holiday	
Trigger Modes	Sunrise / Sunset or Twilight Rise / Set	
Offset	00 to 99 minutes (Programmable)	
OFF Hours	Programmable	
Weekly Off	User Defined	
DST	User Defined	
Number of Operating Modes	5	
Description of Modes	• AUTO - As per user defined program settings • ONAUTO - Instant ON up to next Auto Event • AUTO OFF - Instant OFF up to next Auto Event • ON - Continuous ON • OFF - Continuous OFF	
Minimum Switching Time	1 min (1s for Pulse)	
Display	LCD with backlight	
Clock Accuracy	+ 0.5 s/day max. over the Operating Temperature range	

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Power Reserve from Factory		6 Years
Output	Relay Output	1 C/O and 2 C/O (refer Relay configuration parameter)
	Contact Rating	16 A(NO) & 16 A (NC) @ 240V AC/24V DC (Resistive)
	Electrical Life	5×10^4
	Mechanical Life	5×10^4
Utilization Category	AC - 15 DC - 13	16 A (NO & NC) at 250V AC, Cos @ = 1 10 A (NO & NC) at 250V AC, Cos @ = 0.6
Operating Temperature Storage Temperature		-15°C to +55°C -20°C to +70°C
Humidity (Non Condensing)		95% (Rh)
LED Indication		Indication on LCD
Enclosure		Flame Retardant UL94-VO
Dimension (W x H x D)		36mm × 90mm × 65mm
Weight (unpacked)		110 g
Mounting		DIN rail
Degree of Protection		IP 20 for Terminals, IP 30 for Enclosure

Mounting Dimensions

DOUBLE CHANNEL

SINGLE CHANNEL

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Connection Diagram

Digital Time Switch

A) 1 CH Device


```
L          15
240V
AC         18
N          16
```

B) 2 CH Device


```
L          15      25
110-240V
AC         18      28
N          16      26
```
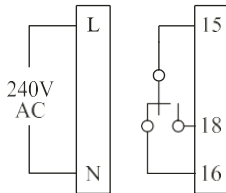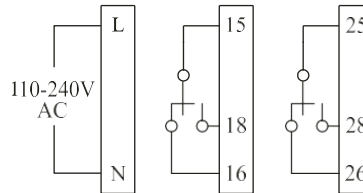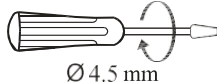
Terminal Torque & Capacity

Ø 4.5 mm	0.5 N.m (4.4 Lb.in)
	1 x 4.0 mm² Solid/Stranded Wire
AWG	26 to 10

Dimensions : Millimetres

Part Number Table

Description	Part Number
Digital Time Switch, 1CO, 240V AC, LCD Display	MP008392
Digital Time Switch, 2CO, 110-240V AC, LCD Display	MP008393

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