

Digital Time Switch

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Features

- LCD Display with Green backlight
- Precise time Programming for Daily / Weekly / Pulse switching
- Bar graph showing Daily program
- 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

**RoHS
Compliant**

Specification

Part Number	MP008390	MP008391
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 Max.	
Number of Programs	50 Each channel + 10 for Holiday	
Minimum Switching Time	1 sec	
Pulse Duration	1 - 59 sec	
Number of Operating Modes	5	
Description of Modes	<ul style="list-style-type: none">• AUTO - Program Run• ONAUTO - Instant ON up to next Auto Event• AUTO OFF - Instant OFF up to next Auto Event• ON - Continuous ON• OFF - Continuous OFF	
Display	LCD with backlight	
DST	Programmable	
Clock Accuracy	± 0.5 s/day max. over the Operating Temperature range	
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

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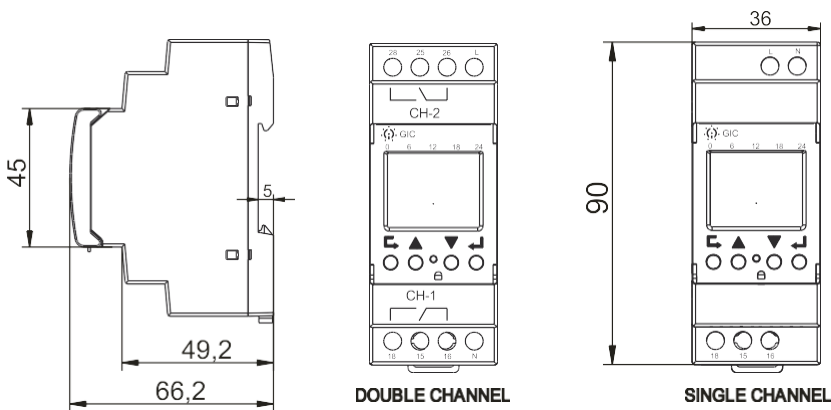
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Utilization Category	Max switching : 16 A (NO & NC) at 250 VAC, Cos ϕ = 1
	Min Switching: 10 A (NO & NC) at 250 VAC, Cos ϕ = 0.6
Operating Temperature	-10°C to +55°C
Storage Temperature	-20°C to +70°C
Humidity (Non Condensing)	95% (Rh)
LED Indication	Red LED—Relay ON
Enclosure	Flame Retardant UL94-VO
Dimension (W x H x D)	36mm x 90mm x 65mm
Weight (unpacked)	110 g
Mounting	DIN rail
Degree of Protection	IP 20 for Terminals, IP 30 for Enclosure

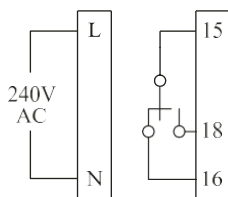
Mounting Dimensions



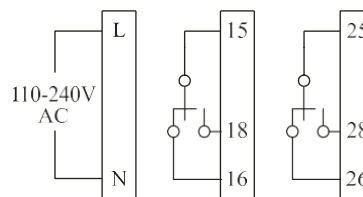
Connection Diagram

Digital Time Switch

A) 1 CH Device



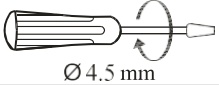

B) 2 CH Device



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Terminal Torque & Capacity

 Ø 4.5 mm	0.5 N.m (4.4 Lb.in)
	1 x 4.0 mm ² Solid/Stranded Wire
AWG	26 to 10

Dimensions : Millimetres

Part Number Table

Description	Part Number
Digital Time Switch, 1CO, 240V AC, LCD Display	MP008390
Digital Time Switch, 2CO, 110-240V AC, LCD Display	MP008391

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