ATS2M1-1-16A

Time Switch - Astronomical (DIN Rail)

DIN 35mm

Features :

- 6 digits for Time Display, 2 digits for Step No
- Latitude / Longitude precise to the minute with the Time Zone
- Sunrise / Sunset or Twilight rise / set trigger modes
- Ease of programming & navigation
- DST Offset / off Hours / Weekly Off features
- 12 / 24 Hours Display Format
- 10 Years Power Reserve (Lithium Battery)

Certification : CE

Display Specifications

Display	Text LCD (Without Backlight) 6 digits for time display, 2 digits for step no.
Character Height	5.07mm (HH : MM) and 3.39mm (SS)
Indications (Through symbol)	Auto Manual, Lock, Relay status, Day of week, Programming mode

Output Specifications

No. of Output	1
Relay Contact	1 C/O SPDT
Contact Rating	16A @ 250V AC

Functional Specifications

Operation Period	1 week
Program	Relay ON at calculated sunset & Relay OFF at calculated sunrise
Minimum setting unit	1 second
Clock	12 - hr (AM / PM) and 24 - hr selection
Relay Operating Mode	Auto / Permanent Override ON / Permanent Override OFF
RTC accuracy	15 mins a year @ 25°C

Supply Specifications

Supply Voltage	230V AC ±10% (50 / 60 Hz)
Power Consumption	Approx. 9 Watts at 252V AC

Environmental Specifications

Temperature	Operating : 0 to 50° C Storage : -20 to 70°C
Humidity (non - condensing)	Upto 95% RH

Mechanical Specifications

Mounting	DIN Rail Mount
Weight	105gms

Dimensions

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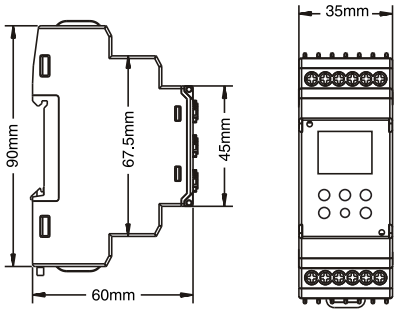

Terminal Connections

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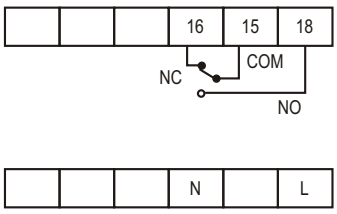

IEC Cable Size (mm²) : 1.5; Tightening Torque (N-m) : 0.6....0.8 N. M

Compliance

Applicable EMI / EMC Standards		
Product Standard		
Category	**Reference Standards**	**Testing Level**
Electrostatic Discharge	IEC 61000-4-2	Level-3
Electrical Fast Transient / Brust	IEC 61000-4-4	Level-3
Electromagnetic Field	IEC 61000-4-3	Level-3
Surge	IEC 61000-4-5	Level-3
Conducted RF	IEC 61000-4-6	Level-2
Rated Power Frequency	IEC 61000-4-8	Level-4
Voltage Dip / Short Interruptions	IEC 61000-4-11	Level-3
Conducted Emissions	CISPR-11	Class-B
Rated Emissions	CISPR-22	Class-A
Emission & Immunity	IEC 61326-1	
Safety	IEC 61010-1	
PFMF (Passing criteria)	IEC 61000-4-8	Class A

Ordering Information

Product Code	Supply Voltage	Certification
ATS2M1-1-16A-230V-CE	230V AC	CE