Time Switch - Astronomical (DIN Rail) ATS2M1-1-16A-CE



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)

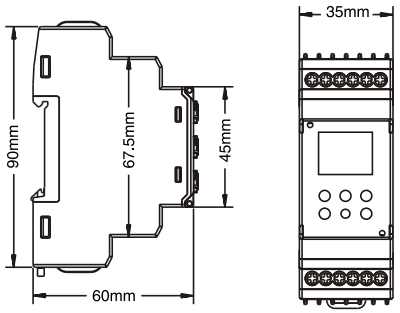
Certifications : CE

Technical specifications

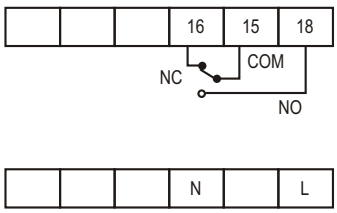
Display specifications	
Display	Text LCD (Without backlight) 6 Digits for time display, 2 Digits for step no.
Character height	5.07mm (HH : MM) and 3.39mm (SS)
Indications (Through symbol)	Auto manual, Lock, Relay status, Day of week, Programming mode
Output specifications	
No. of output	1
Relay contact	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 Weight 105gms
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

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Dimensions



Terminal connections



IEC Cable Size (mm^2) : 1.5; Tightening Torque (N-m) : 0.6....0.8 N. M

Compliance

Applicable EMI / EMC Standards		
Product standard : IEC 60947-2		
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
Radiated emission	CISPR-22	Class-A
Emission & Immunity	IEC 61326-1	
Safety	IEC 61010-1	

Ordering information

Product code	Supply voltage	Certification
ATS2M1-1-16A-230V-CE	230V AC	CE