



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 battery life

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

Auxiliary Supply Specifications

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

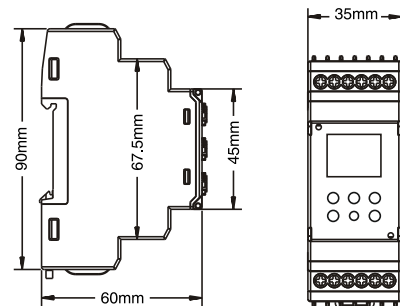
Environmental Specifications

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

Mechanical Specifications

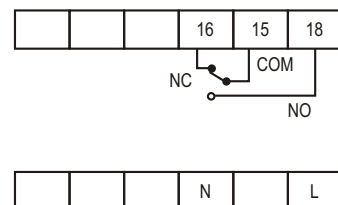
Mounting	DIN Rail Mount
Weight	105gms

Dimensions



Terminal Connections

ATS2M1-1-16A-230V



Compliance

Applicable EMI / EMC Standards		
Product Standard : IEC 61326-1		
Category		Standards Compliance
ESD Immunity	IEC 61000-4-2	Level IV (Air discharge : 15kV), (Contact Discharge : -8kV)
Surge Immunity	IEC 61000-4-5	+/- 2kV common mode, (Line to ground) +/- 1kV differential mode, (Line to Line)
Radiated Susceptibility	IEC 61000-4-3	Level III, 80 to 1000MHz (10V/m) Level II, 1.4GHz to 2GHz (3V/m) Level I, 2GHz to 2.7GHz (1V/m)
Conducted Susceptibility	IEC 61000-4-6	Level II (3V/m)
Voltage Dips and Interruptions	IEC 61000-4-11	Dips : 0% residual voltage / 1 cycle (Criteria B), 40% residual voltage / 10 cycles 50Hz / 12 cycles 60Hz (Criteria C) 70% residual voltage / 25 cycles 50Hz / 30 cycles 60Hz (Criteria C) Interruptions : 0% residual voltage / 250 cycles 50Hz / 300 cycles 60Hz (Criteria C)
Conducted Emission	CISPR-11	
Radiated Emission	CISPR-11	
Electrical Fast Transient	IEC 61000-4-4	Level III (2kV)

Ordering Information

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