

24-Hour or 7-Day 120-277V Electronic Surface/DIN Rail Mount Module, 15A, 14 Setpoint Programs, SPDT

Item FM1D14A-AV



PRODUCT DESCRIPTION

The FM1D14 Series is a great value electronic time-based control solution for ventilating, heating, cooling, lighting or other electrical loads in commercial and industrial applications. These one-channel time switches are programmable for 24-hour or 7-day schedules. The FM1D14 Series is intended for either panel, surface, flush or DIN rail mounting. Flush and surface/DIN rail (A & E models) are completely enclosed in a plastic housing and include a terminal cover, dust cover and subbase for installation and hard wiring.

FEATURES

- ▶ 24-Hour, 7-day or Cycle timer applications.
- ▶ 14 Setpoint programs.
- ▶ Easy to program.
- ▶ Manual override with status indication.
- ▶ Self-recharging battery with backup protection up to 2500-hours.
- ▶ LCD display.
- ▶ 5 Preset adjustable block programs.
- ▶ A & E models come with clear dust cover.

APPLICATIONS

- ▶ Refrigeration Merchandiser
- ▶ Air Movement & Ventilation
- ▶ Aeration
- ▶ Septic Treatment
- ▶ Generator Exercising

TECHNICAL DATA

General	
Model Number	FM1D14A-AV
Description	24-Hour or 7-Day 120-277V Electronic Surface/DIN Rail Mount Module, 15A, 14 Setpoint Programs, SPDT
UPC Code	078275143166
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited
IGCC	5191
UNSPSC	39122208
Control Specifications	
Minimum ON/OFF Times	1 min
Time Presets	Flexible
Operation Mode	24 hour; 7 day
Daylight Savings Adjustment	Manual
Backup Type	Battery
Backup Protection Time	2500 Hours
Battery Service Type	Non-Replaceable
Mechanism Type	Digital/Electrical
Has Manual Override Status Indication	Yes
Chemical Composition of the Battery Cell	Ni-MH
On Events	7
Off Events	7

Total Events

14

Mechanical Specifications

Mounting Options

Surface; DIN Rail

Dimensions

Product Dimensions (H x W x D) mm	102.5 x 72 x 52 mm
Product Dimensions (H x W x D) in	4 x 2.83 x 2.06 in
Cut-Out Width (In)	2 5/8
Cut-Out Width (mm)	66
Cut-Out Height (in)	2 5/8
Cut-Out Height (mm)	66
Wire Size Min	#24 AWG
Wire Size Max	#10 AWG

Material Specifications

Color

White

Load Ratings

Motor Load (NC) Range(s)	1/2 HP @ 120/240 VAC; 10 FLA, 60 LRA @ 250 VAC
Motor Load (NO) Range(s)	1/2 HP @ 120 VAC; 10 FLA, 60 LRA @ 250 VAC; 1 HP @ 250 VAC
Magnetic Ballast (NO) Range(s)	8 A, 277 VAC
Magnetic Ballast (NC) Range(s)	8 A, 120 VAC
Resistive (NC) Range(s)	12 A, 24 VDC
Pilot Duty (NO) Range(s)	B300
General Purpose (NC) Range(s)	15 A, 277 VAC
General Purpose (NO) Range(s)	15 A, 277 VAC
Electronic Ballast (NO) Range(s)	4.9 A, 120 VAC
Tungsten Incandescent (NO) Range(s)	1000 W, 120 VAC

Electrical Specifications

Maximum Power Consumption (VA)	4
Voltage Selection Type	Voltage Specific
Wiring Option	Screw terminals for #24 to #10 AWG wire (A models)
Number of Circuits	1
Switch Type	SPDT
Maximum Power Consumption (W)	1.4 W

Packaging

Shipping Weight (kg)	0.24
Shipping Weight (lbs)	0.529
Unit Carton Dimensions (H x W x D) in	3.25 x 3.25 x 4.75 in
Units Per Pallet	1080

Operating Specifications

Expected Lifetime (Operations)

6000

Environmental Specifications	
Operating Humidity	0-95% RH, Non-condensing
Display Operating Temperature Min (°F)	5
Display Operating Temperature Min (°C)	-15
Temperature (operation)	-15 - 55 °C / 5 - 131 °F

Standards and Certifications	
UL Certification	cRUus
Other Certifications and Compatibilities	CA Title 20; Green Energy
RU File Number	#E10694
California Proposition 65	None
RoHS Certification	Y