

24-Hour or 7-Day 120V Electronic Surface/DIN Rail Mount Module, 16A, 50 Setpoint Programs, SPDT

Item FM1D50A-120



FEATURES

- ▶ 24-Hour or 7-day applications.
- ▶ 50 Setpoint programs.
- ▶ Two preset adjustable block programs.
- ▶ Easy-to-follow menu driven programming.
- ▶ Manual override with status indication.
- ▶ Battery backup.
- ▶ Large LCD.
- ▶ Seven available languages: English, German, French, Italian, Spanish, Portuguese and Dutch.
- ▶ Auto Daylight Saving Time feature.
- ▶ A & E Models come with clear dust cover.

APPLICATIONS

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

TECHNICAL DATA

General	
Model Number	FM1D50A-120
Description	24-Hour or 7-Day 120V Electronic Surface/DIN Rail Mount Module, 16A, 50 Setpoint Programs, SPDT
UPC Code	078275121508
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited
IGCC	5191
UNSPSC	39122208
Control Specifications	
Minimum ON/OFF Times	1 min
Menu Languages	Dutch; English; French; German; Italian; Portuguese; Spanish
Maximum ON/OFF Times	23 hours, 59 minutes
Operation Mode	24 hour; 7 day
Daylight Savings Adjustment	Automatic
Backup Type	Battery
Backup Protection Time	3 Years
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	25
Off Events	25
Total Events	50

Mechanical Specifications

Mounting Options	Surface; DIN Rail
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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)	2.625
Cut-Out Width (mm)	66
Cut-Out Height (in)	2.625
Cut-Out Height (mm)	66
Wire Size Min	#24 AWG
Wire Size Max	#10 AWG

Material Specifications

Color	White
Has Clear Dust Cover	Yes

Load Ratings

Motor Load (NO) Range(s)	1/2 HP @ 120 VAC; 1 HP @ 240 VAC
Magnetic Ballast (NO) Range(s)	8 A, 240 VAC; 12 A, 120 VAC
Resistive (NO) Range(s)	16 A, 277 VAC
Resistive (NC) Range(s)	16 A, 277 VAC
Pilot Duty (NO) Range(s)	360 VA, 120 VAC; 720 VA, 240 VAC
Pilot Duty (NC) Range(s)	8 A, 24 VDC; 360 VA, 120 VAC
Tungsten Incandescent (NO) Range(s)	600 W, 120 VAC; 1000 W, 240 VAC

Electrical Specifications

Maximum Power Consumption (VA)	4
Voltage Selection Type	Voltage Specific
Wiring Option	Screw terminals for #24 to #10 AWG wire
Input Voltage Range(s)	120 VAC, 50/60 Hz
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
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Environmental Specifications

Operating Humidity	0-95% RH, Non-condensing
Display Operating Temperature Min (°F)	-13

Display Operating Temperature Min (°C)	-25
Temperature (operation)	-25 - 55 °C / -13 - 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