

Graesslin Electronic Timer Control - 24-Hour or 7-Day 12/24 VDC, 24 VAC Electronic Surface/DIN Rail Mount Module, 15 A, 50 Setpoint Programs, SPDT

Item FM1D50A-LV



PRODUCT DESCRIPTION

The FM1D50 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, 7-day or Cycle timer schedules. The FM1D50 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.
- ▶ 50 Setpoint programs.
- ▶ Easy to program.
- ▶ Manual override with status indication.
- ▶ Self-recharging battery with backup protection up to 2500-hours.
- ▶ LCD display.
- ▶ A models come with clear dust cover.
- ▶ Cycle timer function.

APPLICATIONS

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

TECHNICAL DATA

General	
Model Number	FM1D50A-LV
Description	24-Hour or 7-Day 12/24 VDC, 24 VAC Electronic Surface/DIN Rail Mount Module, 15 A, 50 Setpoint Programs, SPDT
UPC Code	078275156906
Brand	Domestic Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited

Control Specifications	
Minimum ON/OFF Times	1 min
Setpoint Program Count	50
ON/OFF Operations	50
Operation Mode	24 hour; 7 day; Cycle
Daylight Savings Adjustment	Manual
Backup Type	Battery
Backup Protection Time	2500 Hours
Battery Service Type	Self-recharging
Mechanism Type	Digital/Electrical
Has Manual Override Status Indication	Yes
Application Compatibilities	LED

Mechanical Specifications

Mounting Options Surface; DIN Rail

Dimensions

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

Has Clear Dust Cover Yes

Load Ratings

Tungsten (NO) Load Ratings 1000 W, 120 VAC

Motor Load Ratings NC Ranges 1/2 HP @ 120/240 VAC; 10 FLA, 60 LRA @ 250 VAC

Motor Load Ratings NO Ranges 1/2 HP @ 120 VAC; 10 FLA, 60 LRA @ 250 VAC; 1 HP @ 250 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 (lbs) 0.529

Unit Carton Dimensions (H x W x L) in 3.25 x 3.25 x 4.75 in

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) 5 °F to 131 °F / (-15 °C to 55 °C)

Standards and Certifications

Other Certifications and Compatibilities cRUUs; Title 20; Green Energy

RU File Number #E10694

California Proposition 65	None
RoHS Certification	Y