

Graesslin Electronic Timer Control - 24-Hour or 7-Day 120V Electronic Surface/DIN Rail/Flush Mount Module, 16A, 50 Setpoint Programs, 2-SPDT

Item FM2D50-120



PRODUCT DESCRIPTION

The FM2D50 Series provides 2-circuit, time-based control of ventilation, 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. They are intended for surface, flush or DIN rail mounting. The control is completely enclosed in a plastic housing and includes a terminal cover, dust cover and subbase for installation and hard wiring.

FEATURES

- ▶ 24-Hour or 7-day applications
- ▶ Auto Daylight Saving Time (DST) feature
- ▶ 2-Circuit independent programming
- ▶ 50 Setpoint programs
- ▶ Two preset adjustable block programs
- ▶ Easy-to-follow, menu-driven programming
- ▶ Seven available languages: English, German, French, Italian, Spanish, Portuguese and Dutch
- ▶ Surface, Flush or DIN rail mounting (for DIN rail mounting, order MB-DIN base, sold separately)
- ▶ Manual override with status indication
- ▶ Battery backup

APPLICATIONS

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

TECHNICAL DATA

General	
Model Number	FM2D50-120
Description	24-Hour or 7-Day 120V Electronic Surface/DIN Rail/Flush Mount Module, 16A, 50 Setpoint Programs, 2-SPDT
UPC Code	078275116290
Brand	Domestic Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited
Control Specifications	
Minimum ON/OFF Times	1 min
Menu Languages	Dutch; English; French; German; Italian; Portuguese; Spanish
Setpoint Program Count	50
ON/OFF Operations	350
Operation Mode	24 hour; 7 day
Daylight Savings Adjustment	Automatic
Backup Type	Battery
Backup Protection Time	3 Years
Battery Service Type	Non-replaceable; Non-rechargeable
Mechanism Type	Digital/Electrical

Has Manual Override Status Indication

Yes

Mechanical Specifications

Mounting Options

Flush; Surface; DIN Rail

Dimensions

Product Dimensions (H x W x D) in

4 x 2.83 x 2.28 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

Load Ratings

Tungsten (NO) Load Ratings

600 W, 120 VAC; 1000 W, 240 VAC

Motor Load Ratings NC Ranges

1/2 HP, 120 VAC; 1 HP, 240 VAC

Motor Load Ratings NO Ranges

1/2 HP, 120 VAC; 1 HP, 240 VAC

Electrical Specifications

Maximum Power Consumption (VA)

4

Voltage Selection Type

Voltage Specific

Wiring Option

Screw terminals for #24 to #10 AWG wire

Number of Circuits

2

Switch Type

2xSPDT

Maximum Power Consumption (W)

1.4 W

Packaging

Shipping Weight (lbs)

0.1

Unit Carton Dimensions (H x W x L) in

2.625 x 3.43 x 4.375 in

Operating Specifications

Expected Lifetime (Operations)

6000

Environmental Specifications

Operating Humidity

0-95% RH, Non-condensing

Display Operating Temperature Min (°F)

-13

Display Operating Temperature Min (°C)

-25

Temperature (operation)

-13 °F to 131 °F / (-25 °C to 55 °C)

Standards and Certifications

Other Certifications and Compatibilities

cRUus; Title 20; CE

RU File Number

#E10694

California Proposition 65

None

RoHS Certification

Y

ACCESSORIES

Product
Image
Not
Available

MB-DIN

DIN Rail mounting Base for FM2D50 timer