

Graesslin Electronic Timer Control -

Item FM2D50-240



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	FM2D50-240
UPC Code	078275116313
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
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
On Events	25
Off Events	25
Total Events	50

Mechanical Specifications

Mounting Options Flush; Surface; DIN Rail

Dimensions

Product Dimensions (H x W x D) in 2.60; 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
 Magnetic Ballast (NC) 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
 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



MB-DIN
DIN Rail mounting Base for FM2D50 timer