

Graesslin Electronic Timer Control - 24-Hour or 7-Day 120V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT

Item FM1D20A-120



PRODUCT DESCRIPTION

The FM1D20 Series Electronic Time Controls are 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. They are 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 or 7-day applications
- ▶ 20 Setpoint programs
- ▶ Three preset adjustable block programs
- ▶ Easy-to-follow menu driven programming
- ▶ Manual override with status indication
- ▶ Battery backup
- ▶ Large LCD
- ▶ Daylight Saving Time adjustment
- ▶ A & E models come with clear dust cover

APPLICATIONS

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

TECHNICAL DATA

General

| | |
|--------------------------------|---|
| Model Number | FM1D20A-120 |
| Description | 24-Hour or 7-Day 120V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT |
| UPC Code | 078275121607 |
| Brand | Domestic Intermatic |
| Country of Origin (Intermatic) | CHINA |
| Warranty Period | 1-Year limited |

Control Specifications

| | |
|---------------------------------------|-----------------------------------|
| Minimum ON/OFF Times | 1 min |
| Maximum ON/OFF Times | 23 hours, 59 minutes |
| Setpoint Program Count | 20 |
| ON/OFF Operations | 140 |
| Operation Mode | 24 hour; 7 day |
| Daylight Savings Adjustment | Manual |
| Backup Type | Battery |
| Backup Protection Time | 7 Years |
| Battery Service Type | Non-Replaceable; Non-Rechargeable |
| Mechanism Type | Digital/Electrical |
| Has Manual Override Status Indication | Yes |

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) 2.625

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

Has Clear Dust Cover Yes

Load Ratings

Tungsten (NO) Load Ratings 600 W, 120 VAC; 1000 W, 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 1

Switch Type SPDT

Maximum Power Consumption (W) 1.4 W

Hz 50/60

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) -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; CE; Title 20

RU File Number #E10694

California Proposition 65 None

RoHS Certification Y