

## Graesslin Electronic Timer Control - 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  |
| 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 |
| Maximum ON/OFF Times                  | 23 hours, 59 minutes   |
| 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 | 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                  |   |
| Color                                    | White                                   |
| 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                                   |
| 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                                       |