

Graesslin Electronic Timer Control -

Item FM1D14A-24



PRODUCT DESCRIPTION

The FM1D14 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 or 7-day schedules. The FM1D14 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 or 7-day applications
- ▶ 14 Setpoint programs
- ▶ Easy to program
- ▶ Manual override with status indication
- ▶ Self-recharging battery with backup protection up to 2500-hours
- ▶ LCD display
- ▶ 5 Preset adjustable block programs
- ▶ A & E models come with clear dust cover

APPLICATIONS

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

TECHNICAL DATA

General

| | |
|--------------------------------|---------------------|
| Model Number | FM1D14A-24 |
| UPC Code | 078275143180 |
| Brand | Domestic Intermatic |
| Country of Origin (Intermatic) | CHINA |
| Warranty Period | 1-Year limited |

Control Specifications

| | |
|---------------------------------------|--------------------|
| Minimum ON/OFF Times | 1 min |
| Operation Mode | 24 hour; 7 day |
| 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 |
| On Events | 7 |
| Off Events | 7 |
| Total Events | 14 |

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 |
| Load Ratings | |
| Tungsten (NO) Load Ratings | 1000 W, 120 VAC |
| Magnetic Ballast (NO) Range(s) | 8 A, 277 VAC |
| Magnetic Ballast (NC) Range(s) | 8 A, 120 VAC |
| Electronic Ballast Load Ratings NO Ranges | 4.9 A, 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 |
| 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) | -40 °F to 131 °F / (-40 °C to 55 °C) |
| Standards and Certifications | |
| Other Certifications and Compatibilities | cRUUs; Title 20 |
| RU File Number | #E10694 |
| California Proposition 65 | None |
| RoHS Certification | Y |