

Graesslin Electronic Timer Control - 24-Hour or 7-Day 120-277V Electronic Surface/DIN Rail Mount Module, 15A, 14 Setpoint Programs, SPDT

Item FM1D14A-AV



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, 7-day or Cycle timer 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-AV |
| Description | 24-Hour or 7-Day 120-277V Electronic Surface/DIN Rail Mount Module, 15A, 14 Setpoint Programs, SPDT |
| UPC Code | 078275143166 |
| Brand | Domestic Intermatic |
| Country of Origin (Intermatic) | CHINA |
| Warranty Period | 1-Year limited |
| Control Specifications | |
| Minimum ON/OFF Times | 1 min |
| Setpoint Program Count | 14 |
| ON/OFF Operations | 20 |
| Operation Mode | 24 hour; 7 day; Cycle |
| Daylight Savings Adjustment | Manual |
| Backup Type | Battery |
| Backup Protection Time | 2500 Hours |
| Battery Service Type | Non-Replaceable |
| Mechanism Type | Digital/Electrical |
| Has Manual Override Status Indication | Yes |
| Application Compatibilities | LED |
| Chemical Composition of the Battery Cell | Ni-MH |

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 |

Material Specifications

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|-------|-------|
| Color | White |
|-------|-------|

Load Ratings

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|------------------------------|------------------------------------------------------------|
| Tungsten (NO) Load Ratings | 1000 W, 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

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|--------------------------------|----------------------------------------------------|
| 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 |

Packaging

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|---------------------------------------|-----------------------|
| 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

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|--------------------------------|------|
| Expected Lifetime (Operations) | 6000 |
|--------------------------------|------|

Environmental Specifications

| | |
|----------------------------------------|------------------------------------|
| Operating Humidity | 0-95% RH, Non-condensing |
| Display Operating Temperature Min (°F) | 5 |
| Display Operating Temperature Min (°C) | -15 |
| Temperature (operation) | 5 °F to 131 °F / (-15 °C to 55 °C) |

Standards and Certifications

| | |
|------------------------------------------|---------------------------|
| UL Certification | cRUus |
| CSA Certification | cCSAus |
| Other Certifications and Compatibilities | CA Title 20; Green Energy |
| RU File Number | #E10694 |

| | |
|---------------------------|------|
| California Proposition 65 | None |
| RoHS Certification | Y |