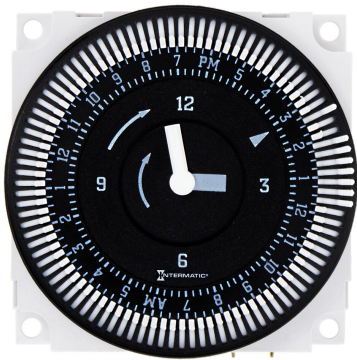


Graesslin Mechanical Time Switch - 24-Hour 24V Electromechanical Panel Mount Timer Module, 15 Minute Intervals, 21A, SPDT

Item FM1STUZ-24U



PRODUCT DESCRIPTION

The FM1 series timer modules are designed to be integrated inside of a machine control panel, circuit board, or other equipment. They are a simple and low cost alternative for applications that do not require more than 21 A or 2 HP, 240 VAC. The FM1 is designed for 24-hour or 7-day control or overriding a functional typical state of a heating, ventilation, refrigeration, lighting, security, or pump system. The FM1 series is ideal for 12, 24 VAC/VDC, 120 or 208/240VAC single-phase general applications.

FEATURES

- ▶ 21 A SPDT Switch
- ▶ Captive trippers with 15-minute intervals on 24-hour models and 2-hour intervals on 7-day models
- ▶ 72-hour carry-over battery backup on Q models
- ▶ Noise immune – ideal for robust applications
- ▶ Synchronous drive or quartz drive Q models with self-recharging battery backup
- ▶ True clock face, easy-to-set
- ▶ Available with or without override
- ▶ Compact size
- ▶ Clear plastic cover (DC-FME-A), sold separately
- ▶ Standalone or with indoor/outdoor enclosure, sold separately

APPLICATIONS

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

TECHNICAL DATA

| General                        |                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------|
| Model Number                   | FM1STUZ-24U                                                                            |
| Description                    | 24-Hour 24V Electromechanical Panel Mount Timer Module, 15 Minute Intervals, 21A, SPDT |
| UPC Code                       | 078275152854                                                                           |
| Brand                          | Domestic Intermatic                                                                    |
| Country of Origin (Intermatic) | MEXICO                                                                                 |
| Warranty Period                | 1-Year limited                                                                         |
| Control Specifications         |                                                                                        |
| Maximum Cycle Time             | 24 hrs                                                                                 |
| Timing Interval                | 15 min                                                                                 |
| Clock Drive Type               | Synchronous                                                                            |
| Mechanism Type                 | Electromechanical                                                                      |
| Has Captive Trippers           | Yes                                                                                    |
| Has Real-time Clock Face       | Yes                                                                                    |
| Application Compatibilities    | Incandescent; Fluorescent; CFL; LED                                                    |
| Mechanical Specifications      |                                                                                        |
| Mounting Options               | Panel                                                                                  |

Dimensions

|                                   |                         |
|-----------------------------------|-------------------------|
| Product Dimensions (H x W x D) in | 2.359 x 2.359 x 1.25 in |
|-----------------------------------|-------------------------|

Material Specifications

|       |       |
|-------|-------|
| Color | Black |
|-------|-------|

Load Ratings

|                           |                              |
|---------------------------|------------------------------|
| Motor Load Ratings Ranges | 1 HP, 120 VAC; 2 HP, 250 VAC |
|---------------------------|------------------------------|

Electrical Specifications

|                                |                              |
|--------------------------------|------------------------------|
| Maximum Power Consumption (VA) | 1                            |
| Wiring Option                  | 1/4" Quick connect terminals |
| Switch Type                    | SPDT                         |
| Hz                             | 60                           |

Display and Format

|                         |                   |
|-------------------------|-------------------|
| Shortest switching time | ON/OFF 15 minutes |
|-------------------------|-------------------|

Packaging

|                                       |                       |
|---------------------------------------|-----------------------|
| Shipping Weight (lbs)                 | 0.23                  |
| Unit Carton Dimensions (H x W x L) in | 2.25 x 3.25 x 3.25 in |

Environmental Specifications

|                         |                                      |
|-------------------------|--------------------------------------|
| Operating Humidity      | 0 to 95%, Non-condensing             |
| Temperature (operation) | -40 °F to 185 °F / (-40 °C to 85 °C) |

Standards and Certifications

|                                          |                     |
|------------------------------------------|---------------------|
| CSA Certification                        | cCSAus              |
| Other Certifications and Compatibilities | cRUus; Green Energy |
| UL File Number                           | E10694              |
| CSA File Number                          | LR3730              |
| California Proposition 65                | None                |
| RoHS Certification                       | N/A                 |

ACCESSORIES



DC-FME-A  
Clear Dust Cover for Electronic Panel Mount  
Timers



FM-SU  
FM1 Surface/DIN Rail Kit



FM-FU  
FM1 Flush Mount Housing Kit



E200  
Case-Outdoor, Type 3R Plastic, Gray



E150  
Case-Indoor, Type 1 Plastic, Gray