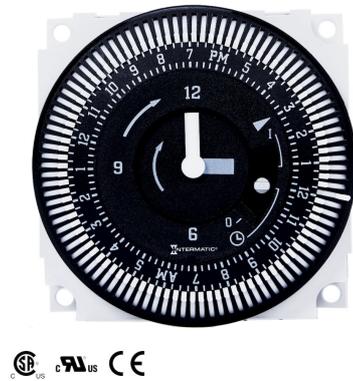


## Graesslin Mechanical Time Switch - 24-Hour 120V Electromechanical Panel Mount Timer Module with Manual Override, 15 Minute Intervals, 21A, SPDT

Item FM1STUZH-120U



### 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	FM1STUZH-120U
Description	24-Hour 120V Electromechanical Panel Mount Timer Module with Manual Override, 15 Minute Intervals, 21A, SPDT
UPC Code	078275152847
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 Override Switch	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 23/64 x 2 23/64 x 1 1/4 in

**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

**Display and Format**

Shortest switching time ON/OFF 15 minutes

**Packaging**

Shipping Weight (lbs) 0.22

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; CE

UL File Number E10694

CSA File Number LR3730

California Proposition 65 None

**DRAWINGS AND DIAGRAMS**

Switch Configuration

**Override Mode**

3-Way Manual Override Switch

ON

ON

OFF

OFF

1 → permanent ON  
 0 → automatic  
 0 → permanent OFF

**FM1 Panel Mount Series**

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## 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