

## Graesslin Mechanical Time Switch - 24-Hour 208/240V Electromechanical Panel Mount Timer Module, 15 Minute Intervals, 21A, SPDT

Item FM1STUZ-240U



### 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-240U
Description	24-Hour 208/240V Electromechanical Panel Mount Timer Module, 15 Minute Intervals, 21A, SPDT
UPC Code	078275152809
Brand	Domestic Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited
Control Specifications	
Minimum Cycle Time	15 min
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

Resistive (NO) Range(s) 21 A, 250 VAC

Motor Load Ratings NO Ranges 1 HP @ 120 VAC; 2 HP @ 250 VAC

Tungsten Incandescent Load Ratings NO Ranges 1350 W, 120 VAC

#### Electrical Specifications

Maximum Power Consumption (VA) 1

Wiring Option 1/4" Quick connect terminals

Input Voltage Range(s) 208/240 VAC, 60 Hz

Switch Type SPDT

Hz 60

#### 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

UL Certification cRUus

CSA Certification cCSAus

Other Certifications and Compatibilities Green Energy

UL File Number E10694

California Proposition 65 None

RoHS Certification N/A

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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