

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	
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Mounting Options

Panel

Dimensions

Product Dimensions (H x W x D) in	2.359 x 2.359 x 1.25 in
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Material Specifications

Color	Black
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Load Ratings

Tungsten (NO) Range(s)	1350 W, 120 VAC
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Motor Load Ratings Ranges	1 HP, 120 VAC; 2 HP, 250 VAC
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Electrical Specifications

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

Shortest switching time	ON/OFF 15 minutes
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Packaging

Shipping Weight (lbs)	0.22
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Unit Carton Dimensions (H x W x L) in	2.25 x 3.25 x 3.25 in
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Environmental Specifications

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

UL Certification	cRUus
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CSA Certification	cCSAus
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Other Certifications and Compatibilities	Green Energy
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UL File Number	E10694
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California Proposition 65	None
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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