

Graesslin Mechanical Time Switch - 7-Day 120V Electromechanical Panel Mount Timer Module, 2 Hour Intervals, 21A, SPDT

Item FM1SWUZ-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 | FM1SWUZ-120U |
| Description | 7-Day 120V Electromechanical Panel Mount Timer Module, 2 Hour Intervals, 21A, SPDT |
| UPC Code | 078275153066 |
| Brand | Domestic Intermatic |
| Country of Origin (Intermatic) | MEXICO |
| Warranty Period | 1-Year limited |
| Control Specifications | |
| Maximum Cycle Time | 7 days |
| Timing Interval | 2 hrs |
| 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 |

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|-----------------------------|----|
| Number of Trippers Included | 96 |
|-----------------------------|----|

Dimensions

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

Material Specifications

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

Load Ratings

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

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|--|-----------------|
| Tungsten Incandescent Load Ratings NO Ranges | 1350 W, 120 VAC |
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Electrical Specifications

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

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|-------------------------|----------------|
| Shortest switching time | ON/OFF 2 hours |
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Packaging

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

Environmental Specifications

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

Standards and Certifications

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| 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