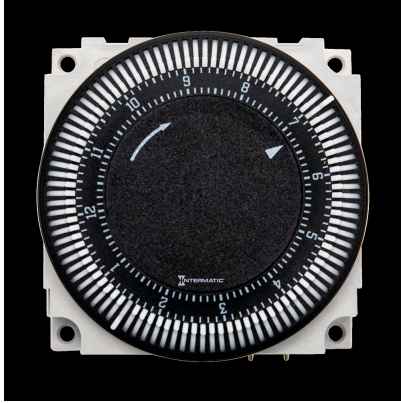


## Graesslin Mechanical Time Switch - 12-Hour 120V Electromechanical Panel Mount Timer Control Module, 7.5 Minute Intervals, 21A, SPDT, without Clockface

Item FM1S12HU-120U



### PRODUCT DESCRIPTION

The FM1S12HU-120U is a synchronous motor-driven electromechanical 12-hour time switch intended as a low cost repeat cycle timer for industrial processes and other applications. It provides continuous ON/OFF cycling in a pattern which will repeat every 12 hours. Captive trippers allow setting up to 48 ON and 48 OFF times in 7.5 minute increments over a 12-hour period.

### FEATURES

- ▶ 21 A SPDT switch
- ▶ Captive trippers enable up to 48 ON and 48 OFF times in 7.5-minute intervals
- ▶ Panel mount

### APPLICATIONS

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

### TECHNICAL DATA

#### General

Model Number	FM1S12HU-120U
Description	12-Hour 120V Electromechanical Panel Mount Timer Control Module, 7.5 Minute Intervals, 21A, SPDT, without Clockface
UPC Code	078275152953
Brand	Domestic Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited

#### Control Specifications

Maximum Cycle Time	12 hrs
Timing Interval	7.5 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
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#### 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**

Motor Load Ratings 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
Switch Type	SPDT

**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