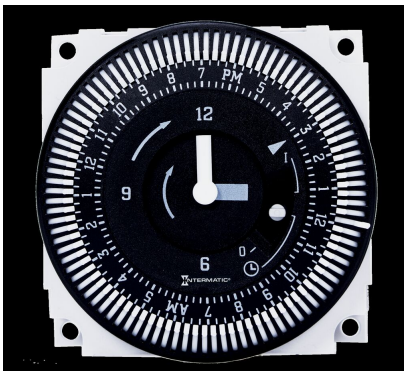
Graesslin Mechanical Time Switch - 24-Hour 120V Electromechanical Panel MountTimer Module with Battery Backup and Manual Override, 15 Minute Intervals, 21A, SPDT

Item FM1QTUZH-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	FM1QTUZH-120U
Description	24-Hour 120V Electromechanical Panel MountTimer Module with Battery Backup and Manual Override, 15 Minute Intervals, 21A, SPDT
UPC Code	078275152618
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	Quartz
Backup Type	72-hour Carry-over; Battery; Self-recharging
Backup Protection Time	72 Hours
Battery Service Type	Non-Replaceable
Mechanism Type	Electromechanical
Has Captive Trippers	Yes
Has Override Switch	Yes
Has Real-time Clock Face	Yes

Application Compatibilities	Incandescent; Fluorescent; CFL; LED
Chemical Composition of the Battery Cell	Ni-MH
Mechanical Specifications	
Mounting Options	Panel
Number of Trippers Included	96
Dimensions	
Product Dimensions (H x W x D) in	2.359 x 2.359 x 1.25 in
Material Specifications	
Color	Black
Load Ratings	
Motor Load Ratings Ranges	1 HP, 120 VAC, 50/60 Hz; 2 HP, 240 VAC, 50/60 Hz
Electrical Specifications	
Maximum Power Consumption (VA)	1
Wiring Option	1/4" Quick connect terminals
Switch Type	SPDT
Hz	50/60
Display and Format	
Shortest switching time	ON/OFF 15 minutes
Packaging	
Shipping Weight (lbs)	0.24
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)	-4 °F to 131 °F / (-20 °C to 55 °C)
Operating Temperature with Battery Backup	-4° F to 131° F (-20° C to 55° 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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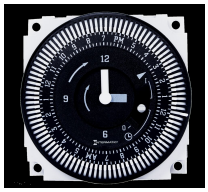
ACCESSORIES



FM1QTUZH-24U

24-Hour 12/24V Electromechanical Panel Mount Timer Module with Battery Backup and Manual Override, 15 Minute Intervals, 21A, SPDT