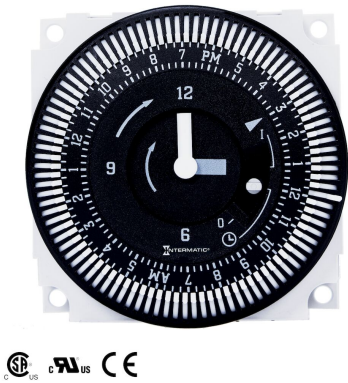


Graesslin Mechanical Time Switch - 24-Hour 24V Electromechanical Panel Mount Timer Module with Battery Backup and Manual Override, 15 minute intervals, 21A, SPDT

Item FM1QTUZH-24



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
- ▶ True clock face, easy-to-set
- ▶ Available with or without override
- ▶ Compact size
- ▶ Noise immune – ideal for robust applications
- ▶ Quartz drive
- ▶ 72-hour carry-over battery backup

APPLICATIONS

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

TECHNICAL DATA

General	
Model Number	FM1QTUZH-24
Description	24-Hour 24V Electromechanical Panel Mount Timer Module with Battery Backup and Manual Override, 15 minute intervals, 21A, SPDT
UPC Code	078275152625
Brand	Domestic Intermatic
Country of Origin (Intermatic)	MEXICO
Warranty Period	1-Year limited
Control Specifications	
Maximum Cycle Time	7 days
Timing Interval	15 min
Clock Drive Type	Quartz
Backup Type	72-hour Carry-over; Battery; Self-recharging
Battery Type	NiMh
Backup Protection Time	72 Hours
Battery Service Type	Rechargeable
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
Dimensions	
Product Dimensions (H x W x D) in	2.359375 x 2.359375 x 1.25 in
Load Ratings	
Motor Load Ratings Ranges	1 HP, 120 VAC; 2 HP, 250 VAC
Electrical Specifications	
Maximum Power Consumption (VA)	1
Wiring Option	1/4" Quick connect terminals
Switch Type	SPDT
Display and Format	
Shortest switching time	ON/OFF 2 hours
Packaging	
Shipping Weight (lbs)	0.18
Unit Carton Dimensions (H x W x L) in	2086 x 1.54 x 3.15 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	
CSA Certification	cCSAus
Other Certifications and Compatibilities	cRUus; CE
UL File Number	E10694
RoHS Certification	X