

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

Item FM1QTUZ-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	FM1QTUZ-24
Description	24-Hour 24V Electromechanical Panel Mount Timer Module with Battery Backup, 15 minute, 21A, SPDT
UPC Code	078275152564
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 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 23/64 x 2 23/64 x 1 1/4 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	2.86 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