

## Graesslin Electronic Timer Control -

Item FM1D14A-24



### PRODUCT DESCRIPTION

The FM1D14 Series is a great value electronic time-based control solution for ventilating, heating, cooling, lighting or other electrical loads in commercial and industrial applications. These one-channel time switches are programmable for 24-hour or 7-day schedules. The FM1D14 Series is intended for either panel, surface, flush or DIN rail mounting. Flush and surface/DIN rail (A & E models) are completely enclosed in a plastic housing and include a terminal cover, dust cover and subbase for installation and hard wiring.

### FEATURES

- ▶ 24-Hour or 7-day applications
- ▶ 14 Setpoint programs
- ▶ Easy to program
- ▶ Manual override with status indication
- ▶ Self-recharging battery with backup protection up to 2500-hours
- ▶ LCD display
- ▶ 5 Preset adjustable block programs
- ▶ A & E models come with clear dust cover

### APPLICATIONS

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

### TECHNICAL DATA

#### General

Model Number	FM1D14A-24
UPC Code	078275143180
Brand	Domestic Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited

#### Control Specifications

Minimum ON/OFF Times	1 min
Operation Mode	24 hour; 7 day
Daylight Savings Adjustment	Manual
Backup Type	Battery
Backup Protection Time	2500 Hours
Battery Service Type	Self-recharging
Mechanism Type	Digital/Electrical
Has Manual Override Status Indication	Yes
Application Compatibilities	LED
On Events	7
Off Events	7
Total Events	14

#### Mechanical Specifications

Mounting Options	Surface; DIN Rail
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Dimensions	
Product Dimensions (H x W x D) in	4 x 2.83 x 2.06 in
Cut-Out Width (In)	2 5/8
Cut-Out Width (mm)	66
Cut-Out Height (in)	2 5/8
Cut-Out Height (mm)	66
Wire Size Min	#24 AWG
Wire Size Max	#10 AWG
Load Ratings	
Magnetic Ballast (NO) Range(s)	8 A, 277 VAC
Magnetic Ballast (NC) Range(s)	8 A, 120 VAC
Resistive (NC) Range(s)	12 A, 24 VDC
Electronic Ballast Load Ratings NO Ranges	4.9 A, 120 VAC
Tungsten (NO) Range(s)	1000 W, 120 VAC
Motor Load Ratings NC Ranges	1/2 HP @ 120/240 VAC; 10 FLA, 60 LRA @ 250 VAC
Motor Load Ratings NO Ranges	1/2 HP @ 120 VAC; 10 FLA, 60 LRA @ 250 VAC; 1 HP @ 250 VAC
Electrical Specifications	
Maximum Power Consumption (VA)	4
Voltage Selection Type	Voltage Specific
Wiring Option	Screw terminals for #24 to #10 AWG wire (A models)
Number of Circuits	1
Switch Type	SPDT
Maximum Power Consumption (W)	1.4 W
Hz	50/60
Packaging	
Shipping Weight (lbs)	0.529
Unit Carton Dimensions (H x W x L) in	3.25 x 3.25 x 4.75 in
Operating Specifications	
Expected Lifetime (Operations)	6000
Environmental Specifications	
Operating Humidity	0-95% RH, Non-condensing
Display Operating Temperature Min (°F)	-13
Display Operating Temperature Min (°C)	-25
Temperature (operation)	-40 °F to 131 °F / (-40 °C to 55 °C)
Standards and Certifications	
Other Certifications and Compatibilities	cRUus; Title 20
RU File Number	#E10694
California Proposition 65	None
RoHS Certification	Y