INTERMATIC®

Graesslin Electronic Timer Control - 24-Hour or 7-Day 240V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT

Item FM1D20A-240

PRODUCT DESCRIPTION

The FM1D20 Series Electronic Time Controls are 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. They are 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
► 25 Setpoint programs
► Three preset adjustable block programs
► Easy-to-follow menu driven programming
► Manual override with status indication
► Battery backup
► Large LCD
► Daylight Saving Time adjustment
► A & E models come with clear dust cover

APPLICATIONS

► Refrigeration Merchandiser
► Air Movement & Ventilation
► Aeration
► Septic Treatment
► Generator Exercising

TECHNICAL DATA

General	
Model Number	FM1D20A-240
Description	24-Hour or 7-Day 240V Electronic Surface/DIN Rail Mount Module, 16A, 20 Setpoint Programs, SPDT
UPC Code	078275121645
Brand	Domestic Intermatic
Country of Origin (Intermatic)	CHINA
Warranty Period	1-Year limited

Control Specifications	
Minimum ON/OFF Times	1 min
Maximum ON/OFF Times	23 hours, 59 minutes
Setpoint Program Count	20
ON/OFF Operations	140
Operation Mode	24 hour; 7 day
Daylight Savings Adjustment	Manual
Backup Type	Battery
Backup Protection Time	7 Years
Battery Service Type	Non-Replaceable; Non-Rechargeable
Mechanism Type	Digital/Electrical
Has Manual Override Status Indication	Yes

Mechanical Specifications

Mounting Options	Surface; DIN Rail

Dimensions

Product Dimensions (H x W x D) in	4 x 2.83 x 2.06 in
Cut-Out Width (In)	2.625
Cut-Out Width (mm)	66
Cut-Out Height (in)	2.625
Cut-Out Height (mm)	66
Wire Size Min	#24 AWG
Wire Size Max	#10 AWG

Material Specifications

Has Clear Dust Cover	Yes

Load Ratings

Tungsten (NO) Load Ratings	600 W, 120 VAC; 1000 W, 240 VAC
Motor Load Ratings NO Ranges	1/2 HP, 120 VAC; 1 HP, 240 VAC

Electrical Specifications

Maximum Power Consumption (VA)	4
Voltage Selection Type	Voltage Specific
Wiring Option	Screw terminals for #24 to #10 AWG wire
Number of Circuits	1
Switch Type	SPDT
Maximum Power Consumption (W)	1.4 W

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)	-13 °F to 131 °F / (-25 °C to 55 °C)

Standards and Certifications

Other Certifications and Compatibilities	cRUus; CE; Title 20
RU File Number	#E10694
California Proposition 65	None
RoHS Certification	Y