

### FM1D50 Series

#### One Channel Panel Mount

The FM1D50 Series One Channel Electronic Time Switches are compact 24-Hour/7-Day modules with heavy-duty relay contacts for switching low or line voltage loads. The time switches are applicable for time-of-day control of pumps, fans, heaters, HVAC control circuits, lighting, machinery, and many other types of commercial, industrial, and agricultural equipment.

#### Features

- 24-Hour or 7-Day applications
- 50 setpoint programs
- 2 Preset adjustable block programs
- Easy-to-follow menu driven programming
- Manual override with status indication
- Battery backup
- Large LCD
- 7 Available Languages:  
English, German, French, Italian, Spanish, Portuguese, Dutch
- Auto daylight savings time feature

#### Ratings

Size:	2.37" x 2.37" (60.1 mm x 60.1 mm)
Power Consumption:	4VA
Supply Voltage:	12, 24, 120, 240 VAC
Switch Rating:	SPDT relay
N.O. Contact:	16A Resistive, 277 VAC 1/2 HP, 120 VAC 1 HP, 240 VAC 12A, Ballast 120 VAC 8A, Ballast 240 VAC 720 VA, 240 VAC Pilot Duty 360 VA, 120 VAC Pilot Duty 600W, Tungsten 120 VAC 1000W, Tungsten 240 VAC
N.C. Contact:	16A, 277 VAC Resistive 8A, 24 VDC 360 VA, 120 VAC Pilot Duty
Wiring Connections:	1/4" quick connect terminals
Operating Temperature:	-13°F to 131°F (-25°C to 55°C) (limited display function at 13°F)
Shipping Weight:	.10 lbs.
Warranty:	Limited 1 year

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Product Type: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

Model #: \_\_\_\_\_



Model Number	Voltage	Programs	Mounting
FM1D50-12*	12 VAC/VDC, 50/60 Hz	50	Panel
FM1D50-24*	24 VAC/VDC, 50/60 Hz	50	Panel
FM1D50-120	120 VAC, 50/60 Hz	50	Panel
FM1D50-240	240 VAC, 50/60 Hz	50	Panel

\*12 & 24V model will operate on AC or DC

## Specification

Furnish and install a Grässlin FM1D50\_\_\_ 24-Hour/7-Day electronic time switch. This 1-circuit control shall have 24-Hour/7-Day programming. The timer shall also offer 25 ON and 25 OFF setpoint programs and include 2 preset block programs to allow a selection of any combination of days for different weekday schedules. The LCD shall display time-of-day in AM/PM or 24-Hour (military time) format and provide load status indication. Auto Daylight Saving Time adjustment provided. The time switch will be programmable to-the-minute and also offer a manual override for ON or OFF to the next scheduled event. The SPDT relay output will be rated for 16A Resistive @ 277 VAC. Reserve carryover of 3 years (non-replaceable, non-rechargeable battery).

## Diagrams

