## FM1D14A \& FM1D14E Series

 Electronic Time Switches
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One Circuit Panel Mount
The FM1D14 Series One Circuit Electronic Time Switches are compact electronic $24-$ Hour/7-Day modules with heavy-duty relay contacts for switching low or line voltage loads. The timers 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
- 14 setpoint programs
- Easy-to-program
- Manual override with status indication
- Rechargeable battery with backup protection up to 2500 hours
- LCD display
- 5 preset block programs
- Clear dust cover
- Surface/Din Rail or Flush mount available


## Ratings

Size:
Power Consumption:
Supply Voltage:

Switch Rating:
N.O. Contact:
N.C. Contact:
2.36" x 2.36" (60 mm x 60 mm ) 1.4 W

12 VDC, 24 VAC/VDC, 120-277 VAC, $50 / 60 \mathrm{~Hz}$

SPDT relay
15A, 277 VAC, General Use
10 FLA, 60 LRA, 250 VAC
$1 / 2$ HP, 120 VAC
1 HP, 250 VAC
1000 W, 120 VAC, Tungsten
8 A, 277 VAC, Ballast
B300 Pilot Duty
4.9 A ,120 VAC, Electronic Ballast

15 A, 277 VAC, General Use
10 FLA, 60 LRA, 250 VAC
$1 / 2$ HP, 120/240 VAC
$12 \mathrm{~A}, 24 \mathrm{VDC}$, Resistive
8 A, 120 VAC, Ballast
Wiring Connections:
"A"Models:
"E" Models:
Operating Temperature:

Shipping Weight:
"A"Models:
"E" Models:
Warranty:

Screw terminals for \#10 to \#24 AWG Wire.
$1 / 44^{4}$ quick connect terminals.
$-40^{\circ} \mathrm{F}$ to $131^{\circ} \mathrm{F}\left(-40^{\circ} \mathrm{C}\right.$ to $\left.55^{\circ} \mathrm{C}\right)$ (limited display function at $-13^{\circ} \mathrm{F}$ )
.53 lbs.
.31 lbs .
Limited 1 year

Project:
Location:
Product Type:

## Contact/Phone:

## Model \#:



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| Model Number | Voltage | Programs |
| :--- | :--- | :--- |
| FM1D14A-12 | 12 VDC | 14 |
| FM1D14A-24* | 24 VAC/VDC | Mounting |
| FM1D14A-AV | $120-277$ VAC | Surface/ DIN Rail |
| FM1D14E-12 | 12 VDC | Surface/ DIN Rail |
| FM1D14E-24* | 24 VAC/VDC | Surface/ DIN Rail |
| FM1D14E-AV | $120-277$ VAC | 14 |

*24V model will operate on AC or DC

## Specification

Furnish and install a Grässlin FM1D14___24-Hour/7-Day electronic time switch. This one circuit control shall have 24-Hour/7-Day programming, 7 ON and 7 OFF setpoint programs, and 5 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 format. A Daylight Saving Time adjustment button shall also be provided. The time switch shall be programmable to-the-minute and also offer a manual override for temporary ON or OFF to the next scheduled event. The LCD shall provide load status indication. The SPDT relay output will be rated for 15A General Use @277 VAC. For carryover, the timer module shall have a rechargeable battery with 2500 hour reserve carryover. The time switch shall be $\qquad$ (Surface)(DIN Rail) (Flush Mountable)

## Diagrams



