

GMXFM1 Series

One Channel in UL Type 1 and UL Type 3R Enclosure

The GMXFM1 Series One Channel Electronic Time Switches are compact, electronic 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. The unit is mounted in a UL Type 1 or UL Type 3R enclosure.

Features

- 24-Hour or 7-Day applications
- Auto Daylight Saving Time feature**
- Easy-to-follow menu driven programming
- 50 setpoint programs **
- 20 setpoint programs*
- 2 preset adjustable block programs**
- 3 preset adjustable block programs*
- Battery backup
- Manual override with load status indication
- 7 Available Languages:
English, German, French, Italian, Spanish, Portuguese, Dutch

*GMXFM1D20 model only - **GMXFM1D50 model only

Ratings

Enclosure Dimensions:	10" H x 6.50" W x 3.75" D
Supply Voltage:	12, 24, 120, 240 VAC
Power Consumption:	4VA
Switch Rating:	SPDT relay
N.O. Contact:	½ HP, 120 VAC 1 HP, 240 VAC 16A, 277 VAC Resistive 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:	Screw terminal connections
Operating Temperature:	-13°F to 131°F (-25°C to 55°C) (limited display function at -13°F)
Shipping Weight:	1.6 lbs. (0.73 kg)
Warranty:	Limited 1 year

Project: _____

Location: _____

Product Type: _____

Contact/Phone: _____

Model #: _____



Model - Series	Voltage	Programs	Mounting
GMXFM1D20 -"x"-24*	24 VAC/VDC 50/60 Hz	20	UL Type 1 or Type 3R Enclosure
GMXFM1D20 -"x"- 120	120 VAC 50/60 Hz	20	UL Type 1 or Type 3R Enclosure
GMXFM1D20 -"x"- 240	240 VAC 50/60 Hz	20	UL Type 1 or Type 3R Enclosure
GMXFM1D50 -"x"- 12*	12 VAC/VDC 50/60 Hz	50	UL Type 1 or Type 3R Enclosure
GMXFM1D50 -"x"- 24*	24 VAC/VDC 50/60 Hz	50	UL Type 1 or Type 3R Enclosure
GMXFM1D50 -"x"- 120	120 VAC 50/60 Hz	50	UL Type 1 or Type 3R Enclosure
GMXFM1D50 -"x"- 240	240 VAC 50/60 Hz	50	UL Type 1 or Type 3R Enclosure

*12 & 24 volt model will operate on AC or DC "x"= I-TYPE 1 or O-TYPE 3R

Ordering Data. Enclosure Options, Substitute the following for "x". "I" = UL Type 1 Indoor enclosure, "O" = UL Type 3R Outdoor enclosure

Specification

Furnish and install a Grässlin GMXFM1_____24-Hour/7-Day electronic time switch. This 1-circuit control shall have 24-Hour 7-Day programming and also offer 10 ON and 10 OFF (D20 Series), or 25 ON and 25 OFF (D50 Series) setpoint programs and include 2 preset block programs (D50 Series) or 3 preset block programs (D20 Series) 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. A Daylight Saving Time button shall be provided, or an Auto Daylight Saving Time adjustment shall be provided (D50 Series). The time switch will be programmable to-the-minute and 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

