

Grässlin Mechanical Time Switches

Enclosed Timer Module, 24-Hour or 7-Day



GMXSW-O-120



Ratings	
Supply Voltage	24, 120, 208/240 VAC, 60 Hz
Quartz Models	12, 24 VAC/VDC, 120, 208/240 VAC, 50/60 Hz
Power Consumption	1 VA
Switch Type	SPDT
Resistive	21 A, 120-250 VAC
Tungsten	1350 W, 120 VAC
Motor	1 HP, 120 VAC; 2 HP, 250 VAC
Operating Temperature	-40° F to 185° F (-40° C to 85° C) -4° F to 131° F (-20° C to 55° C) with battery backup
Operating Humidity	0 to 95% non-condensing
Battery Backup Option	7-Day carry-over Quartz Models
Dimensions	
H x W x D	10" x 6 1/2" x 3 3/4" (25.4 cm x 16.5 cm x 9.5 cm)
Wiring Terminals	Screw terminal accepts up to #12 AWG wire
Shipping Weight	2 lbs. (.91 kg)
Warranty	1-year limited

GMX Series

21 A, General Purpose, 1-Circuit Time Controls

The GMX series time controls are universal mechanical time switches. They are a low cost alternative for applications that do not require more than 21 A or 2 HP @ 240 VAC. The unit is mounted in a UL Type 1 indoor or Type 3R outdoor plastic enclosure. The GMX is a light-duty commercial time switch ideal for 24, 120 or 208/240 VAC single-phase general applications.

Applications

- Lighting Control • HVAC • Pumps/motor/fan control
- General electrical circuits • Commercial refrigeration

Features

- 21 A SPDT Switch
- UL Type 1 indoor or Type 3R outdoor plastic enclosure
- Manual 3-way override
- Captive trippers with 15-minute intervals on 24-hour models and 2-hour intervals on 7-day models
- True clock face, easy-to-set
- Finger-safe terminals
- Enclosure provides space for field-added contactor or other accessories
- Synchronous drive or quartz drive ("Q" Models) with self-recharging battery backup

Model # Synchronous	Model # Quartz w/ Battery Backup* (7-Day Carry-over)	Voltage	MIN ON/OFF Time	Enclosure
24-Hour				
GMXST-I-120	GMXQT-I-120*	120 VAC, 60 Hz	15-Min	Type 1 Indoor
GMXST-I-240	**	208/240 VAC, 60 Hz		Type 1 Indoor
GMXST-O-24	**	24 VAC, 60 Hz		Type 3R Rainproof
GMXST-O-120	GMXQT-O-120*	120 VAC, 60 Hz		Type 3R Rainproof
GMXST-O-240	**	208/240 VAC, 60 Hz		Type 3R Rainproof
7-Day				
**	GMXQW-I-24*	24 VAC, 60 Hz	2-Hr	Type 1 Indoor
GMXSW-I-120	**	120 VAC, 60 Hz		Type 1 Indoor
GMXSW-O-24	**	24 VAC, 60 Hz		Type 3R Rainproof
GMXSW-O-120	GMXQW-O-120*	120 VAC, 60 Hz		Type 3R Rainproof
GMXSW-O-240	GMXQW-I-240*	208/240 VAC, 60 Hz		Type 3R Rainproof

*Quartz Models operate on 12-24 VDC/VAC, 120 or 208/240 VAC, and 50/60 Hz and are Title 20 listed.

**Considered upon request.

SPECIFIERS GUIDE

Furnish and install a Grässlin GMX____ (24-Hour)(7-Day) Time Switch with____ (15-Minute)(2-Hour) captive trippers and____ (Quartz)(Synchronous) drive. Input voltage shall be____ (12) (24) VDC, (12) (24) (120) (220) (208/240) VAC, and SPDT contacts shall be rated at 21 A, 2 HP @ 240 VAC. To set the starting time and provide time indication, the unit shall have an authentic clock face with hour and minute hands. Enclosure to be____ (UL Type 1)(UL Type 3R). The time switch shall contain a 3-way ON/OFF/AUTO manual override. The time control shall have a quartz drive with 7-Day reserve carry-over from a self-recharging battery.