

GMX Series

21 A, GENERAL PURPOSE, 1-CIRCUIT ELECTRONIC TIME SWITCHES

The GMX series time switches 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 timer 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

- Refrigeration Merchandiser • Air Movement & Ventilation • Aeration • Septic Treatment
- Generator Exercising

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-charging battery backup



GMXST-O-120

Model #	Model # Quartz	Voltage	Min On/Off Times	Enclosure
Synchronous	72-hour Carry-over, Battery, Self-recharging			
24 hrs				
GMXST-I-120	**	120 VAC, 60 Hz	15 min	Indoor type 1 plastic
GMXST-I-240	**	208/240 VAC, 60 Hz	15 min	Indoor type 1 plastic
GMXST-O-120	GMXQT-O-120*	120 VAC, 50/60 Hz	15 min	Outdoor type 3R plastic
7 days				
GMXSW-I-120	**	120 VAC, 60 Hz	2 hrs	Indoor type 1 plastic

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

**Considered upon request

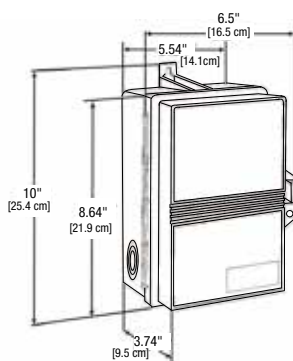


RoHS
Compliant
#E10694 2002/95/EC



Ratings	
Tungsten (Incandescent)	1350 W, 120 VAC, 60 Hz
Resistive (Heater)	21 A, 250 VAC, 60 Hz
Motor	1 HP, 120 VAC; 2 HP, 250 VAC
Switch Type	SPDT
Operating Humidity	0 to 95%, Non-condensing
Battery Backup Option	72-hour Carry-over, Battery, Self-recharging "Q" Quartz Models
Wiring Connection	Screw terminal accepts up to #12 AWG wire
Warranty	1-Year limited
Operating Temperature	-40°F - 185°F (-40°C - 85°C)

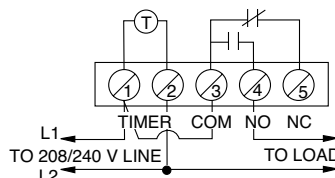
ENCLOSURE DIMENSIONS



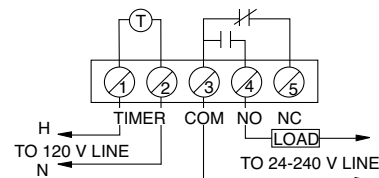
WIRING DIAGRAMS

Typical Wiring for GMX Series

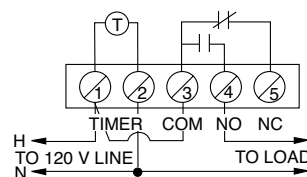
208/240 V Timer and Load



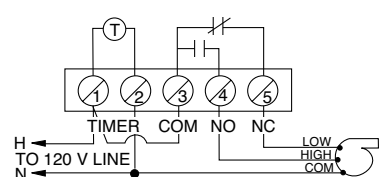
120 V Timer 24-240 V Load



120 V Timer and Load

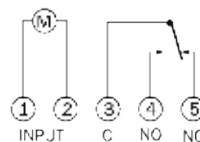


120 V Two Speed Fan

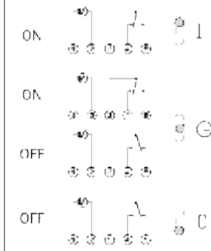


Terminal Connections

Off position with trippers pushed in (H) opens and closes, but will allow contacts 2 and 4 to stay in closed position.



On position with trippers pushed in (H) opens and closes, but will allow contacts 2 and 4 to stay in closed position.



ACCESSORIES

Model #	Description
107TN221	Red (OFF) tripper for TN, PB, TB Series, P1101, P1131, P1161, P1261P, AL300TPWS, AL600TPWS and AL900TPWS
107TN222	Turquoise (ON) tripper for TN, PB, TB Series, P1101, P1131, P1161, P1261P, AL300TPWS, AL600TPWS and AL900TPWS
107T73	Replacement Day Wheel Pins for T8800 and R8800 Series
124T1952	Insulator for Double-Pole Time Switch (T103, T104, T105, T173, T174, T175, T176, T185, WH40)
119T86A	24 VAC 20 VA Transformer, with #10 Ring Terminals
124T2097	Insulator for R8806P101C, T8805P101C, T8845PV
124T2411A	Insulator for Mechanical Time Switches - 10 Pack
124T905	Insulator for T1905HDM, T1975EHDM, T1975HD, T1976, T1975, T1975ER, T1905
130T1042	Grounding Terminal Bar
131T68GA	125 VAC, 60 Hz Motor and Carry-over for T7400BC and T800BC Series
133T700A	Micro Switch for T8800 and R8800 Series
133T773A	Replacement Snap Switch for C8800 Series
143T138	Relay Kit, DPST, 3 HP, 240 VAC (S)
156T1948A	Trippers for T170, T1400, T1800 Series Includes 1 ON, 1 OFF, and 1 ON with Skipper Extension
156T1954A	14 Skipper Pins for R8800, and T8800 Series
156T1950AD12	12 Bags of 156T1950A Trippers for T1900, T2000, C8800, R8800, and T8800 Series
124T1954	Insulator for T101B with Independent Motor Wiring
156T1978AD12	12 Pack of 156T1978A Trippers for T100, T7000, and WH40
156T2548A	7 Sets of ON/OFF Trippers for T7400 and T7800 Series
156T3085A	Skipper Screws for T170 Series, T1400 Series, and T1800 Series
156T3230A	Trippers (1) Set (ON/OFF/ON Cutout) for WH Series
22T338GR	Mounting Bracket for Intermatic Standardized Timer Mechanisms
WG1570-10	WG1570-10
WG1573-10D	208-277 VAC, 60 Hz Motor for T102, T104, T106, T172, T174, WH40
WG1574-10	WG1574-10
WG1603-11D	WG1603-11D

Model #	Description
WG190-15D	MOTOR-BOXED, 125V 60HZ
WG433-20D	MOTOR-BOXED, 125V 60HZ
WG436-20	WG436-20
WG630D	WG630D
WG720-10D	MOTOR-BOXED, 125V 60HZ
133T1115A	Toggle Switch for T8800 and R8800 Series
133T701A	Replacement Snap Switch for T1900 and T2000 Series
156T2978A	Package Accessory Trippers
124T2058	Insulator for T1905, T1906, T2006, T2005, C8815, C8825, C8835, C8845, C8855, C8865, C8866
124T907A	Insulator Assembly (S001)
107T119	Tripper (Silver) for T8800 and R8800 Series (Day Skipper)
156T1950A	Set of 12 Trippers for T1900, T2000, C8800, R8800 and T8800 Series
WG1571-10D	MOTOR-BOXED, 125V 50HZ
WG1576-10D	WG1576-10D
WG1574-10D	MOTOR-BOXED, 250V 50HZ
124T1948	Insulator for Single-Pole Time Switch (T101, T102, T171, T172)
156T3225A	Trippers (2) Sets (ON/OFF) for T7000, WH Series (With ON/OFF Markings)
133T698A	Replacement Snap Switch for T1970 Series
156T1957A	Skipper Screws (3 per package)
143T302A	Relay Kit, DPST, 3 HP, 120 VAC Assembly (S001)
WG1570-10D	125 VAC, 60 Hz Motor for T101, T103, T105
WG733-14D	208-277 VAC, 60 Hz Motor for R8800, T1900, T1970, and T8800 Series
WG1600-11	WG1600-11
WG730-14D	125 VAC, 60 Hz Motor for R8800, T1900, T1970, and T8800 Series
156T1978A	Extra/replacement trippers 1 ON and 1 OFF
124T1953	Insulator for 4PST Time Switch
WG736-14	WG736-14
WG430-20D	MOTOR-BOXED, 125V 60HZ
WG1571-10	WG1571-10