

<http://waterheatertimer.org/Timer-modules.html>

## MIL72 Series

### Surface/DIN Rail or Flush Mount Time Switches

The MIL72 Series 24-Hour/7-Day Time Switches are designed to be mounted inside a control panel and can accommodate surface/DIN Rail or flush/panel mounting. The time switches are light-duty commercial switches ideal for 24, 120, or 240 VAC single phase applications, such as lighting control, HVACR, pumps, motors, fan controls, access controls, OEM applications, agricultural facilities, and general purpose electrical circuits.

### Features

- Synchronous drive or quartz drive with battery backup
- 21 Amp SPDT switch
- Captive trippers with 15-minute intervals on 24-Hour models and 2-hour intervals on 7-Day models
- Available with or without override
- True clock face, easy to set
- Surface/DIN Rail or Flush Mount
- Clear plastic dust-cover
- 24-Hour or 7-Day applications

### Ratings

Switch Rating:	21A Resistive @ 120-250 VAC 1 HP @ 120 VAC 2 HP @ 250 VAC 1350 W Tungsten @ 240 VAC
Wiring Connections:	Screw terminal connections (MIL72A) ¼" quick connects (MIL72E) accepts up to #12GA wire
Operating Temperature:	-40°F to 185°F (-40°C to 85°C) with battery backup -4°F to 131°F (-20°C to 55°C)
Operating Humidity:	0 to 95% non-condensing
Battery Backup Option:	7 Days
Supply Voltage:	24, 120, and 240 VAC, 60 Hz models
Quartz:	24 VAC/DC, 120 and 240 VAC 50/60 Hz
Power Consumption:	24 VAC: 0.1 VA 120 VAC: 0.5 VA 240 VAC: 1.0 VA
Installation:	Standalone or with Indoor/Outdoor enclosure
Shipping Weight:	1 lb.



MIL72 Series Ordering Data						
Complete Model Number = MIL72A or E followed by suffix code and voltage, Example: MIL72A STuZ-24						
Synchronous		Quartz-7 Day Carryover*		Input Voltage	Switch Rating	Minimum ON/OFF Time
Without Override	With Override	Without Override	With Override			
MIL72A-Surface Mount/DIN Rail MIL72E-Flush Mount						
24 Hour Time Control						
STuZ-24	STuZH-24	QTuZ-24	QTuZH-24	24 VAC	SPDT 21A	15 Minutes
STuZ-120	STuZH-120	QTuZ-120	QTuZH-120	120 VAC	SPDT 21A	15 Minutes
STuZ-240	STuZH-240	QTuZ-240		208/240 VAC	SPDT 21A	15 Minutes
MIL72A-Surface Mount/DIN Rail MIL72E-Flush Mount						
7 Day Time Control						
SWuZ-24	SWuZH-24		QWuZH-24	24 VAC	SPDT 21A	2 Hour
SWuZ-120	SWuZH-120	QWuZ-120	QWuZH-120	120 VAC	SPDT 21A	2 Hour
SWuZ-240	SWuZH-240	QWuZ-240	QWuZH-240	208/240 VAC	SPDT 21A	2 Hour
*Quartz models operate on 24 VAC/DC, 120 and 240 VAC and 50/60 Hz						

## Specifications

Furnish and install a Grässlin MIL72 \_\_\_\_\_ (24-Hour)(7-Day) time switch with \_\_\_\_\_ (15-Minute)(2-Hour) interval captive trippers and \_\_\_\_\_ (Quartz)(Synchronous) drive. Input voltage shall be \_\_\_\_\_ (120)(24)(240) VAC and SPDT switch contacts shall be rated at 21A Resistive, 2 HP @ 250 VAC. To set the starting time and provide time indication, the unit shall incorporate an authentic clock face. Installation available for surface, flush, DIN Rail mounting. The time switch shall contain a 3-way OFF/AUTO/OFF override. For carryover: the time switch shall have a quartz drive with 7-Day reserve carryover from a rechargeable battery.

## Diagrams

