

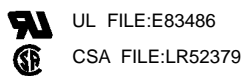
## ELECTROMECHANICAL TIME CONTROLS



# MIL 72 Series

## 24 Hour, 7 Day

- Synchronous drive or quartz drive with battery backup
- 21A SPDT switch
- Captive trippers with interval as low as 15 minutes
- With or without 3-way override
- Real clock face



☉ Captive Trippers are easy to set, can't be lost. ☉ Up to 48 (24 hr.) or 42 (7 day) on/off events. ☉ Authentic clock face with hour and minute hands on both 24 hr. and 7 day models. ☉ Surface, flush (panel) or DIN rail mounting. ☉ Synchronous drive for greatest accuracy and lowest cost. ☉ Quartz drive for 7 day carryover with rechargeable battery. ☉ Three-way OFF/AUTO/ON override switch provides continuous override (not reset at next timed event). ☉ UL recognized, CSA listed.

### SPECIFIERS GUIDE

Furnish and install a Grasslin MIL 72\_\_\_\_ 24 hour (7 day) time switch with 15 min. (2 hour) interval captive trippers and quartz (synchronous) drive. Input voltage shall be 120V (24V, 240V, 277V) and SPDT switch contacts shall be silver cadmium oxide rated at 21A, resistive, 2HP @ 250VAC. To set the starting time and to provide time indication, the unit shall incorporate an authentic clock face. Installation for surface, (flush, DIN rail or within indoor or outdoor enclosure) mounting. Time switch shall contain an OFF/AUTO/ON override.

**For Carry-over:** The time controls shall have a quartz drive with 7 day reserve carry-over from a rechargeable battery.

### SPECIFICATIONS

Size: MIL 72A: 2.83" x 4.0" x 2.06"

MIL 72E: 2.83" x 2.83" x 1.36"

Power Consumption: 1VA

Switch: SPDT dry contacts, silver cadmium oxide

Switch Rating: 21A 250V Resistive

1350 Watts Tungsten

1HP @ 120V

2HP @ 240V

16FLA, 96LRA-120VAC

12FLA, 72LRA-240VAC

Minimum Switching Current: 100ma, 20V

Ambient Temperature Range:

-40°F to 180°F synchronous units

-14°F to 131°F quartz units

Wiring Connections: Screw Terminals Suitable for #10 to #24AWG

### INSTALLATION

Stand Alone: With indoor or outdoor enclosure

Panel: Surface, flush, or DIN rail mounting

### ORDERING DATA

Complete Model Number = MIL 72A or E followed by suffix code and voltage  
Example: MIL 72A STuZ-24

Synchronous		Quartz-7 Day Carry-Over**	Input Voltage	Switch Rating 250V Res.	Minimum On/Off Time	Event On/Off Time
Without Override	With 3 Way Override	With 3 Way Override				
MIL 72A-Surface Mount MIL 72E-Flush Mount		24 HOUR TIMECONTROL				
STuZ-24	STuZH-24	QTuZH-24	24VAC	SPDT 21A	15 min.	ON 1/4 hr.
STuZ-120	STuZH-120	QTuZH-120	120VAC	SPDT 21A	15 min.	ON 1/4 hr.
STuZ-240	STuZH-240	QTuZH-240	208/240VAC	SPDT 21A	15 min.	ON 1/4 hr.
	STuZH-277*		277VAC	SPDT 21A	15 min.	ON 1/4 hr.
MIL 72A-Surface Mount MIL 72E-Flush Mount		7 DAYTIME CONTROL				
SWuZ-24	SWuZH-24	QWuZH-24	24VAC	SPDT 21A	2 hr.	ON 2 hr.
SWuZ-120	SWuZH-120	QWuZH-120	120VAC	SPDT 21A	2 hr.	ON 2 hr.
SWuZ-240	SWuZH-240	QWuZH-240	208/240VAC	SPDT 21A	2 hr.	ON 2 hr.
	SWuZH-277*		277VAC	SPDT 21A	2 hr.	ON 2 hr.

\*\*Quartz units also operate on DC voltages down to 12VDC