

# Micromat

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## Time switches for modular boards Cycles : 24 hours, 7 days



Ref. : 13302



Ref. : 13372

### Features

- Programming by unlosable segments, allowing easy viewing of programmed operations.
- Indication of time by clock hands (except 13303).
- Rapid time and day setting clockwise by the programming disk.
- Permanent manual ON or OFF control.
- Double disk version : 2 programming cycles of 24 hours and 7 days, acting on a single contact.
- The 7-day disk enables or inhibits the programming actions of the 24-hour disk.
- Connection by protected cage terminals.
- Pivoting transparent, sealable cover (3-module box).

### Functional characteristics

Cycle	24 hours	7 days
Programming in steps of	15 min.	2 h
Minimum interval between 2 switchings	30 min.	4 h
Minimum number of switchings per cycle	48	42
Switching precision	1 min. 30 sec.	10 min.

### Technical characteristics

Power supply	6 to 24 V AC /DC or 110 / 230 V AC or 230 V ± 10%	
Frequency	50 / 60 Hz	
Absorbed power	approx. 0,5 VA	
Changeover contact potential free	resistive load	16 A / 250 V
	inductive load (cos φ = 0,6)	3 A / 250 V
	incandescent lamps	900 W / 250 V
	squirrel-cage motor	350 W / 250 V
Operating precision	1sec / 24 h	
Operating temperature	-10°C to +55°C	
Storage temperature	with power reserve	-10°C to +55°C
	without power reserve	-20°C to +70°C
Connection by cage terminals, conductor cross section	1 to 4 mm <sup>2</sup>	
Conformity to the EN 60.730 standard	yes	

Performances indicated for an ambient temperature of 20° C

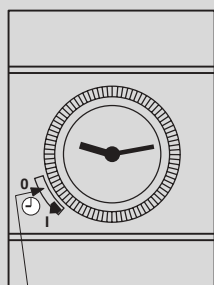
### References

References	Cycle	Power reserve	Timebase	Contact	Width
<b>13301</b> (110 - 230 V AC)	24 h	-	quartz crystal	16 (3) A	3 modules
<b>13302</b> (230 V AC)	24 h	200 h	quartz crystal	16 (3) A	3 modules
<b>13303</b> (230 V AC)	24 h	-	quartz crystal	16 (3) A	3 modules
<b>13372</b> (230 V AC)	7 d	200 h	quartz crystal	16 (3) A	3 modules
<b>13252</b> (230 V AC)	24 h + 7 d	200 h	quartz crystal	16 (3) A	5 modules
<b>13262</b> (6 - 24 V AC / DC)	24 h + 7 d	200 h	quartz crystal	16 (3) A	5 modules
<b>13311</b> (6 - 24 V AC / DC)	24 h	-	quartz crystal	16 (3) A	3 modules
<b>13312</b> (6 - 24 V AC / DC)	24 h	200 h	quartz crystal	16 (3) A	3 modules
<b>13382</b> (6 - 24 V AC /DC)	7 d	200 h	quartz crystal	16 (3) A	3 modules

### Accessories

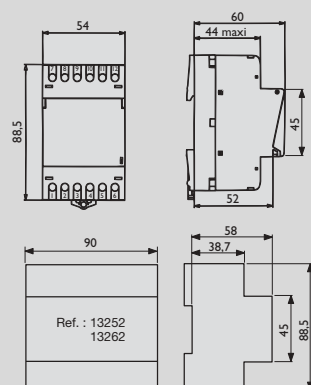
<b>95593</b>	Terminal cap
<b>95594</b>	Flush fitting clamp

#### Production presentation

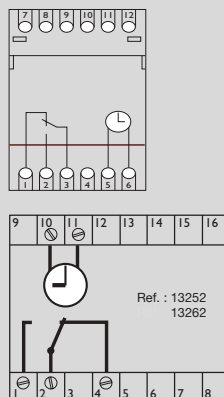


- Manual control :
- pre-set state at 0
  - automatic
  - pre-set state at 1

#### Dimensions



#### Electrical connection



#### Mounting

