

# W 72 × H 72 mm LCD Week / Year Digital Timers



## LE7M-2 Series CATALOG

For your safety, read and follow the considerations written in the instruction manual, other manuals and Autonics website.

The specifications, dimensions, etc. are subject to change without notice for product improvement. Some models may be discontinued without notice.

### Features

- Easy to check and change the program setting
- Customizable weekly or yearly unit time setting and control by user
- Includes daylight saving time function
- Built-in 2 independent control output (relay)
- Flush and surface mounting are in one unit
- Enable to mount on DIN rail with base plate

### Product Components

Installation	Panel	DIN rail mounting
<b>Product components</b>	Product, instruction manual	
Bracket	× 2	-
Base plate	-	× 1
Bolt	-	× 2

### Specifications

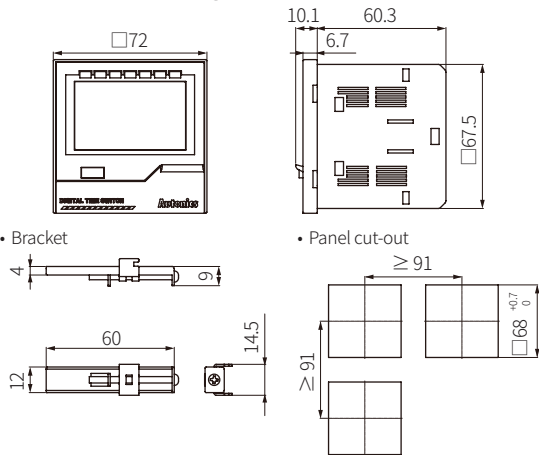
Model	LE7M-2
<b>Timing program</b>	Weekly 48 step, yearly 24 step
<b>Control output</b>	Relay
Contact type	SPDT (1c), independent 2 circuit (1c × 2)
Contact capacity	250 VAC ~ 10 A, 30 VDC = 5 A resistive load
<b>Error</b>	Temp.: ≤ ± 0.01% ± 0.05 sec (ratio by set time)
<b>Time deviation</b>	± 15 sec/month (25 °C), ± 4 sec/1week
<b>Installation</b>	Panel front, surface, DIN rail mounting
<b>Unit weight</b>	≈ 272 g
<b>Approval</b>	UL EAC

<b>Power supply</b>	100 - 240 VAC ~ ± 10% 50 / 60 Hz
<b>Power consumption</b>	≤ 4.2 VA
<b>Memory retention</b>	≈ 5 years (25 °C)
<b>Insulation resistive</b>	≥ 100 M.Ω (500 VDC = megger)
<b>Dielectric strength</b>	2,000 VAC ~ at 50 / 60 Hz for 1 min
<b>Noise immunity</b>	± 2 kV square-wave noise by noise simulator (pulse width 1 μs)
<b>Relay life cycle</b>	Mechanical: ≥ 5,000,000 operations Electrical: ≥ 50,000 operations (250 VAC ~ 10 A resistive load)
<b>Ambient temperature</b>	-10 to 55 °C, storage: -25 to 65 °C (no freezing or condensation)
<b>Ambient humidity</b>	35 to 85%RH, storage: 35 to 85%RH (no freezing or condensation)

## Dimensions

- Unit: mm, For the detailed drawings, follow the Autonics website.
- You can change the installation method depending on the position of terminals (surface and DIN rail mounting). Refer to the manual. Dimensions can differ based on these methods.

### ■ Panel front mounting

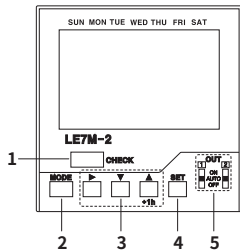


• Bracket

• Panel cut-out

## Unit Descriptions

### ■ Button layout



No.	Name
1	[CHECK] key
2	[MODE] key
3	[▼] [▲] key
4	[SET] key
5	Output setting switch • ON: output ON regardless of the setting • AUTO: controls the output depending on the setting • OFF: output OFF regardless of the setting

### ■ Screen layout



No.	Name
1	Main display part
2	Sub-display part
3	Day indicator / day display • ON: selected day • OFF: not selected
4	Current time setting display
5	Summer time display
6	Season display
7	Program display • P1: program 1, P2: program 2
8	ON time/day, OFF time/day, ON/OFF time width
9	Setting for a year • YEAR: ON when year (yy) setting • START: starting date • STOP: ending date
10	Step • Week: 48 step, for a year: 24 step
11	Operation mode • Cycle, Pulse, ON/OFF
12	Retention (return) input
13	Output operation display
14	Unit of pulse width