W 48 × H 48 mm LCD Week / Year Digital Timers

LE365S-41 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
- 1 independent control output (relay)
- Flush and surface, DIN rail mounting are in one unit

Product Components

- Product (+ bracket)
- Instruction manual

Specifications

Model	LE365S-41
Timing program	Weekly 48 step, yearly 24 step
Control output	Relay
Contact type	SPST, independent 1 circuit (1a)
Contact capacity	250 VAC~ 15 A, 30 VDC⎓ 5 A resistive load
Error	Temp.: ≤ ± 0.01% ± 0.05 sec (ratio by set time)
Time deviation	± 15 sec/month (25 °C), ± 4 sec/1week
Installation	Panel front, surface, DIN rail mounting
Unit weight	≈ 110 g
Approval	CE cULus EAC

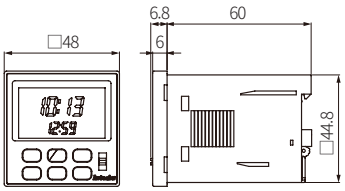
Power supply	100 - 240 VAC~ ± 10% 50 / 60 Hz
Power consumption	≤ 2.4 VA
Memory retention	≈ 5years (25 °C)
Insulation resistive	≥ 100 MΩ (500 VDC⎓ megger)
Dielectric strength	2,000 VAC~ 50 / 60 Hz for 1 min
Noise immunity	± 2 kV square-wave noise by noise simulator (pulse width 1 μs)
Relay life cycle	Mechanical: ≥ 5,000,000 operations Electrical: ≥ 50,000 operations (250 VAC~ 15 A resistive load)
Ambient temperature	-10 to 55 °C, storage: -25 to 65 °C (no freezing or condensation)
Ambient humidity	35 to 85%RH, storage: 35 to 85%RH (no freezing or condensation)

CE cULus EAC

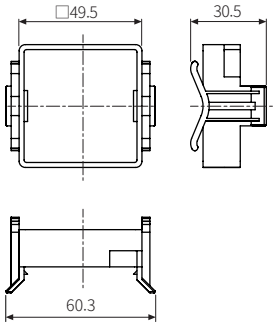
Dimensions

- 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.

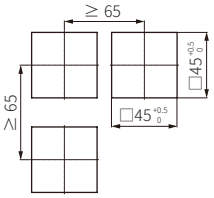
■ Panel front mounting



• Bracket

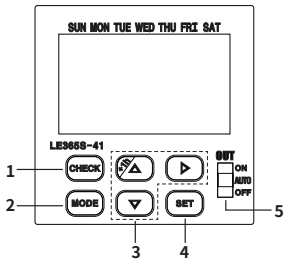


• Panel cut-out



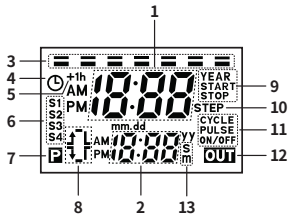
Unit Descriptions

■ 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
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	Output operation display
13	Unit of pulse width