

LCD Digital Thumb wheel Switch Timers



LE3S 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

- Power supply: 24 - 240 VAC ~ 50 / 60 Hz, 24 - 240 VDC =
- Easy to switch Up / Down mode
- 10 output operation modes (LE3S)
- 10 time range modes
- Selectable function by front digital switches
- Graphic output contact status display (N.O. / N.C.)
- BAR graph display (%) of time progressing about the setting time
- Compact size (length: 74 mm)

Ordering Information

This is only for reference, the actual product does not support all combinations. For selecting the specified model, follow the Autonics website.

LE3S ①

① Output

No mark: Time limit SPDT (1c)

A: Time limit DPDT (2c)

B: Time limit SPDT (1c), Instantaneous SPDT (1c)

Product Components

- Product (+ bracket)
- Instruction manual

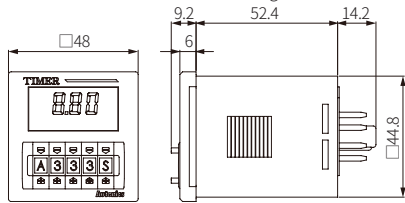
Specifications

Model	LE3S	LE3SA	LE3SB
Function	MULTI time, MULTI operation	MULTI time, Power ON Delay	
Display method	LCD (Character size: W 4 × H 8 mm)		
Return time	≤ 200 ms	≤ 100 ms	
Time operation	Signal ON Start	Power ON Start	
Input signal	START, INHIBIT, RESET	-	
Min. signal width	≈ 20 ms	-	
No-voltage input	Short-circuit impedance : ≤ 1 kΩ Short-circuit residual voltage : ≤ 0.5 VDC= Open-circuit impedance : ≥ 100 kΩ	-	
Control output	Relay		
Contact type	Time limit SPDT (1c)	Time limit DPDT (2c)	Time limit SPDT (1c) + Instantaneous SPDT (1c)
Contact capacity	250 VAC ~ 5 A, 30 VDC = 5 A resistive load	250 VAC ~ 3 A, 30 VDC = 3 A resistive load	
Error	Repeat	≤ ± 0.01% ± 0.05 sec	
	SET		
	Voltage		
	Temp.		
Approval	CE, RoHS, ENEC		
Weight	≈ 100 g	≈ 105 g	

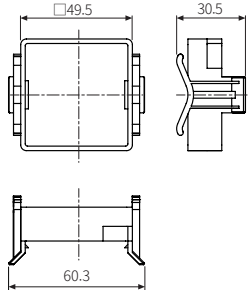
Model	LE3S	LE3SA	LE3SB
Power supply	24 - 240 VAC ~ ± 10% 50 / 60 Hz, 24 - 240 VDC = ± 10%		
Power consumption	AC: ≤ 2.5 VA, DC: ≤ 1 W	AC: 3.3 VA, DC: ≤ 1.5 W	
Insulation resistive	100 MΩ (500 VDC = megger)		
Dielectric strength	2000 VAC ~ 50 / 60 Hz for 1 min		
Noise immunity	± 2 kV square-wave noise by noise simulator (pulse width 1 μs)		
Vibration	0.75 mm double amplitude at frequency of 10 to 55 Hz (for 1 min) in each X, Y, Z direction for 1 hour		
Vibration (malfunction)	0.5 mm double amplitude at frequency of 10 to 55 Hz (for 1 min) in each X, Y, Z direction for 10 min		
Shock	300 m/s ² (≈ 30 G) in each X, Y, Z direction for 3 times		
Shock (malfunction)	100 m/s ² (≈ 10 G) in each X, Y, Z direction for 3 times		
Relay life cycle	Mechanical: ≥ 10,000,000 operations		
	Electrical: ≥ 100,000 operations (250 VAC ~ 5 A resistive load)	Electrical: ≥ 100,000 operations (250 VAC ~ 3 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)		

Dimensions

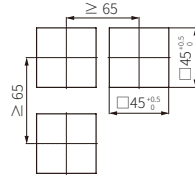
- Unit: mm, For the detailed drawings, follow the Autonics website.



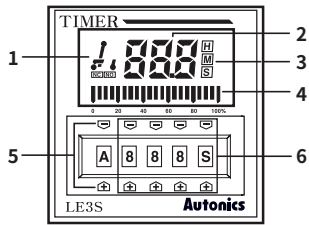
Bracket





Panel cut-out



Unit Descriptions



No.	Name
	Output status
1	ON:  OFF: 
2	Time progressing display part
3	Time unit
4	Time progress bar (%)
5	Output operation mode setting switch
6	Time range setting switch

Sold Separately

- 8-pin socket: PG-08, PS-08(N)