

### DIN W48 × H24mm, Indication only, LCD Timer

#### ■ Features

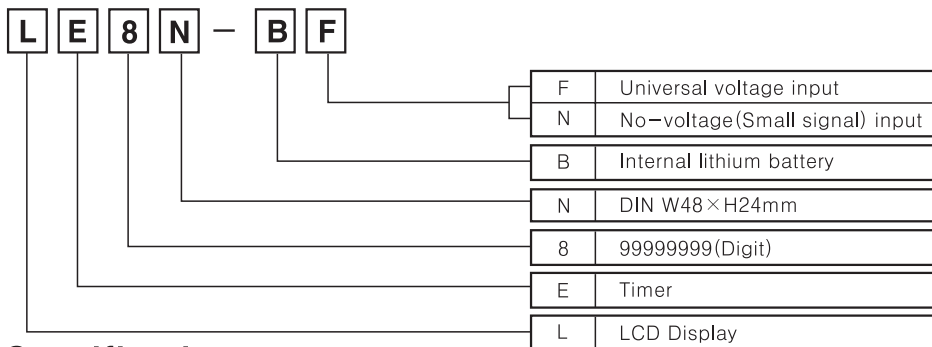
- Upgraded version of LE7N series
- Small size and count up mode only
- Internal lithium battery
- Screw Terminal type (Terminal protection cover)
- LCD Display
- Built-in Microprocessor
- Protection structure IP66



**⚠ Please read "Caution for your safety" in operation manual before using.**



#### ■ Ordering information



#### ■ Specifications

Series	<b>LE8N-BF</b>	
Digit	8digits	
Display	LCD Zero Blanking type (Height : 8.7mm)	
Operation method	Count up mode	
Power supply	Internal lithium battery	
Input type	Universal voltage input	
Start input	Start : 24-240VAC / 6-24VDC Hold : 0-2VAC / 0-2.4VDC	
Reset input	No-voltage input	
Min.signal width of Reset	Min. 20ms	
Time range (TS1)	(★1)	9999.59.59 (h.m.s), 99999.59.9 (h.m), 999999.59 (h.m)
Time range (TS2)	(★1)	9999H59.9 (h.m), 99999H59 (h.m), 999999H.9 (h)
Time error	±0.01% (Repeat error, Time error, Temperature error)	
Battery life cycle	Over 10 years (at 20℃)	
External switch	SW1 (Front reset key for Lock), SW2 (Selectable time switch)	
Insulation resistance	Min. 100MΩ (at 500VDC)	
Dielectric strength	(★2)	2000VAC 60Hz for 1 minute
Vibration	Mechanical	0.75mm amplitude at frequency of 10 ~ 55Hz in each of X, Y, Z directions for 1 hour
	Malfunction	0.3mm amplitude at frequency of 10 ~ 55Hz in each of X, Y, Z directions for 10 minutes
Shock	Mechanical	300m/s <sup>2</sup> (Approx. 30G) in X, Y, Z directions for 3 times
	Malfunction	100m/s <sup>2</sup> (Approx. 10G) in X, Y, Z directions for 3 times
Ambient Temperature	-10 ~ +55℃ (at non-freezing status)	
Storage Temperature	-25 ~ +65℃ (at non-freezing status)	
Ambient humidity	35 ~ 85%RH	
Approval	<b>CE c UL US</b>	
Unit weight	Approx. 58g	

(★1) Select TS1, TS2 using inner jump pin(JP1).

(★2) No-voltage input: Between all terminals and case, Universal voltage input: Between input terminal and reset input terminal, all terminals and case

(A) Counter

(B) Timer

(C) Temp. controller

(D) Power controller

(E) Panel meter

(F) Tacho/Speed/Pulse meter

(G) Display unit

(H) Sensor controller

(I) Switching power supply

(J) Proximity sensor

(K) Photo electric sensor

(L) Pressure sensor

(M) Rotary encoder

(N) Stepping motor & Driver & Controller

(O) Graphic panel

(P) Production model replacement



Electronics Katrangi Trading