


DIGITAL COUNTER/TIMERS

LC1

Specifications

Model		LC1	LC1-F
Appearance			
W×H×D(mm)		48.0×24.0×54.0	
Input type		Non-voltage input	Voltage input
Power voltage		Lithium battery built-in	
Input operation		Up Count	
Counting speed		1/30/100/ 1K cps	20 cps
Input conditions		<ul style="list-style-type: none"> ● Residual voltage when it breaks : 0.7 V ● Max. impedance when it breaks: max. 10 kΩ ● Min impedance when it opens: min. 1 MΩ 	<ul style="list-style-type: none"> ● HIGH : 24 - 240V a.c. / 6 - 240 V d.c. ● LOW : 0 - 2 V a.c./DC
Reset	Input type	Non-voltage input	
	Minimum signal width	Min. 20 ms	
Battery life		More than 7 years (approx. 25 °C) ※ this is calculated value so it is not certified value (replacing cycle reference value)	
External setting switch		<ul style="list-style-type: none"> ● SW1 : Internal battery ON/OFF, front reset key selectable ● SW2 : Count speed selectable 	SW1 : Internal battery ON/OFF, front reset key selectable
External connection		Terminal Blocks (4P)	
Display method		7 Segment LCD (character height: 8.7 mm)	
Display digits		8 Digits	
Insulation resistance		Min. 100 MΩ (500 V d.c), conductive terminal - unfilled metal	
Dielectric strength		2000 V a.c. 50/60 Hz for 1 min (conductive terminal - unfilled metal)	
Vibration resistance		10 - 55 Hz, Double amplitude 0.75 mm, 3 axes each direction, 2h	
Shock resistance		300 m/s ² , 3 Axes each direction each 3 times	
Ambient temperature & humidity		-10 ~ 55 °C / 35 ~ 85 % RH (Without condensation)	
Storage temperature		-25 ~ 65 °C	
Degree of protection		IP66 (IEC 60529) (Front side)	
Weight (g)		58	

Suffix code

Model	Code	Content
LC1	□	Compact LCD Total Counter
Input signal		Non-voltage input
	F	Voltage input (24-240 V a.c. 50/60 Hz / 6-240 V d.c.)