

Model LCT116 LCD TIMER

INSTRUCTION MANUAL



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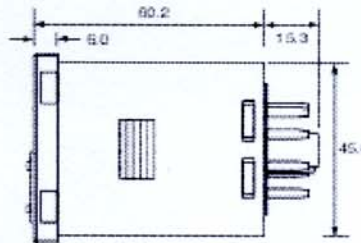
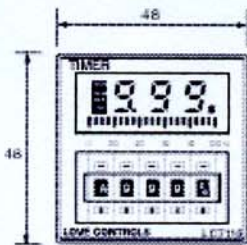


This manual primarily describes precautions required in installing and wiring the Timer.

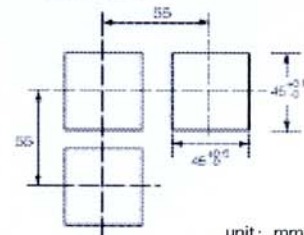
Model

Model	Power(Optional)	Output	Time/Output mode	Input signal
LCT116-10(8PIN) 11(8PIN) LCT116-20(11PIN) 21(11PIN)	<ul style="list-style-type: none"> • 100~240 VAC/DC • 24~48 VAC/DC • 100~240 VAC/DC • 24~48 VAC/DC 	On delay:1 c	10 Time/ output modes	Reset, Start, Inhibit

Dimensions



Panel cutout



unit: mm

Names and functions of respective parts

① Model selection

First switch is for the mode selection.
 Press the switch continuously, 10 different modes will be shown from A to J.

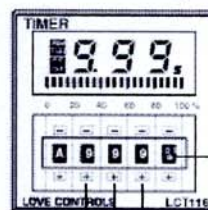


Output mode

A	SIGNAL ON-DELAY
B	FLICKER ON START
C	SIGNAL ON/OFF DELAY
D	SIGNAL OFF DELAY
E	INTERVAL
F	ONE SHOT & FLICKER
G	INTEGRATION TIME
H	INTERVAL DELAY
I	FLICKER-ONE SHOT
J	POWER ON START

② Time unit selection

- Last switch is for the time unit selection. Press the switch continuously, 10 different units will be shown from 01 to M.
- 3 switch in the center are for time setting
- Do not set 0000 to avoid mal-function
- Time unit selection should be done under OFF state, otherwise make Reset using terminal ② and ④.



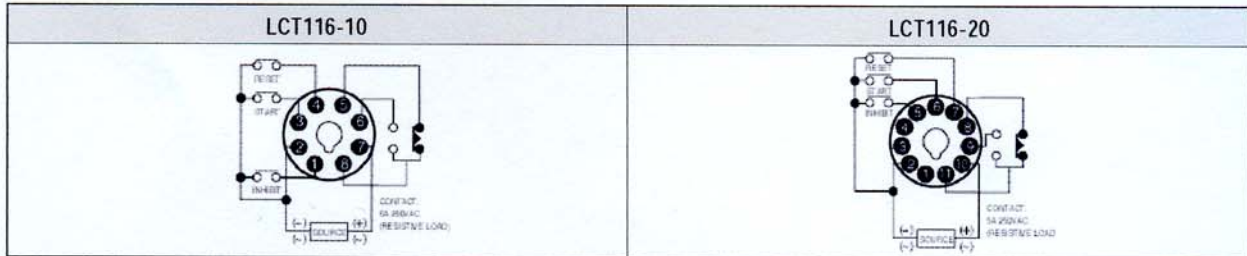
Time setting

Time unit	Time range
.01 s	0.01 s~9.99 s
0.1 s	0.1 s~99.9 s
s	1 s~999 s
0.1 m	0.1 m~99.9 m
m	1 m~999 m
0.1 h	0.1 h~99.9 h
h	1 h~999 h
10 h	10 h~9990 h
S	0 m 01 s~9 m 59 s
M	0 h 01 m~9 h 59 m

Connections

- ① Cautions for DC Power supply
 - Please note polarity first.
 - Ripple should be less than 20%.
 - Power should be applied at once with switch or relay contact, otherwise power reset or time-up may occur.
- ② Power ON/OFF

Connect Power ON/OFF to terminal ⑦ and do not use terminal ② to prevent internal circuit break.
- ③ Excepting the wirings for power supply circuit, avoid the laying of input signal wires in parallel or in the same conduit with high-tension or power lines. It is recommended to use shielded wires or wiring with independent metal conduits for the shortest possible distance.



Timing charts

$$t = t_1 + t_2 + t_3 \quad * t: \text{time set}$$

