



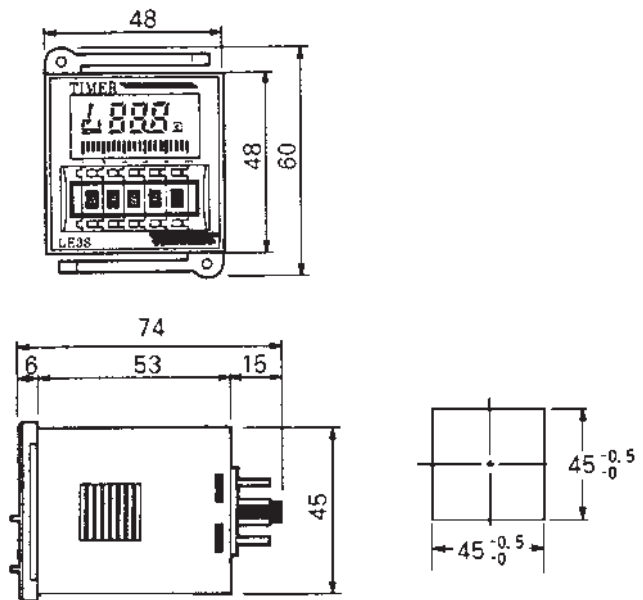
LCD Multi-Function Multi-Range Digital

- Operating Voltage Flexibility (100-240 VAC or 24-240 VDC)
- Ten Timing Modes
- Ten Timing Ranges
- Three Digit Digital Display
- 0-100% Bar Graph Display
- Graphic Relay Contact Display
- 5 Amp Relay Contacts
- 1/16 DIN Front Panel
- Front Panel Mode/Range Selections
- Economically Priced

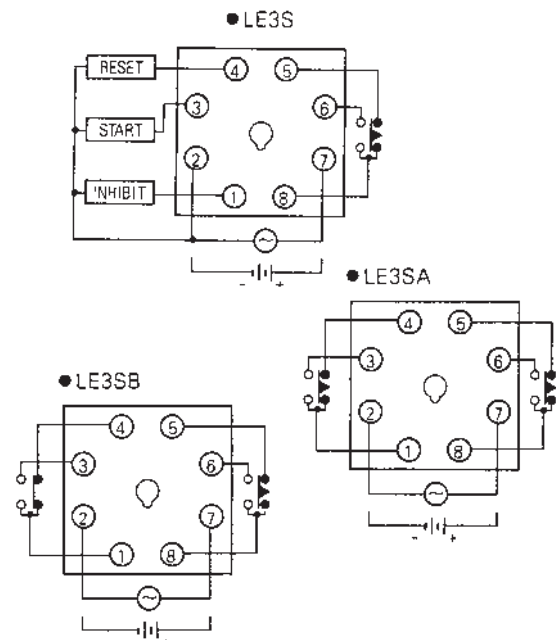
The LE3S is a universal digital timer that features excellent application flexibility with 10 timing ranges and 10 counting modes that are front panel, user selectable. The LCD provides the operator a wide range of information; output relay contact status, time remaining during timing cycle, a bar graph that indicates percentage of elapsed time in the cycle, and time unit. The time preset is indicated on the pushwheel switches as is the time range and timing mode. The universal AC/DC input allows the LE3S to be powered by AC voltage from 90 to 240 VAC (50/60 Hz.) or DC voltage from 24 to 240 VDC. The 1/16 DIN size timer can be front panel mounted using supplied panel mount clips or it can be base mounted using an appropriate 8-Pin socket.

Two ON-Delay only models are also available; Model LE3SA which provides a DPDT timed output, and Model LE3SB which provides a SPDT timed output and a SPDT instantaneous output.

DIMENSIONS (MILLIMETERS)



WIRING



ORDERING INFORMATION

MODEL NUMBER	Description
LE3S	Timer, Multi-Function, LCD 1/16 DIN
LE3SA	Timer, ON-Delay, 110-240 VAC*, 2 DPDT Timed Outputs
LE3SB-120	Timer, ON-Delay, 110 VAC*, 1SPDT Timed, 1SPDT Instant Outputs
	*220 VAC Only—Also Available
Accessories	
A600-3-0011	Socket, 8 Pin, Panel Mount, Bottom Screw
A600-3-0013	Socket, 8 Pin, DIN Rail, Top Screw

SPECIFICATIONS—ALL MODELS

TIMING RANGES	0.01 SEC to 9.99 SEC
	0.1 SEC to 99.9 SEC
	1 SEC to 999 SEC
	0.1 MIN to 99.9 MIN
	1 MIN to 999 MIN
	0.1 HR to 99.9 HR
	1 HR to 999 HR
	10 HR to 9990 HR
	0 MIN 1 SEC to 9 MIN 59 SEC
0 HR 1 MIN to 9 HR 59 MIN	
TIME SETTING	Front Panel Pushwheel Switch
TIME REPEAT ACCURACY	±0.005% Timing
	±0.03 SEC for Input Signals
	±0.05 SEC on Power Up
CONTROL VOLTAGE INITIATE TIME	0.05 SEC
MEMORY	Non-Volatile Circuitry
POWER CONSUMPTION	5 VA
RELAY MECHANICAL LIFE	10 Million
DISPLAY	LCD Numeric & Graphic
TERMINATION	8-Pin Plug-In
MOUNTING	Front Panel or Plug-In Base
OPERATING TEMPERATURE	14° to 131°F (-10° to +55°C)
WEIGHT	0.3 lbs.

SPECIFICATIONS—LE3SA ONLY

TIMING MODE	ON-Delay-Sustained Start
SELF RESET	10mS
OPERATING POWER	100-240 VAC Standard
RELAY OUTPUT	2 SPDT Timed

SPECIFICATIONS—LE3S Only

TIMING MODES (No Switch LE3SA & B)	A	ON-Delay - Sustained Start Resets with Either Reset Input or Removal of Start
	B	Interval Delay - Sustained Start Resets with Either Reset Input or Removal of Start
	C	On-Delay - Momentary or Sustained Start Resets Only With Reset Input
	D	Repeat Cycle - Off Time First - Sustained Start Resets With Either Reset Input or Removal of Start
	E	Repeat Cycle - On Time First - Momentary or Sustained Start - Reset Only With Reset Input
	F	Repetitive Pulse Pulse Output 0.3 SEC - Sustained or Momentary Start - Reset Only With Reset Input
	H	Off Delay Reset With Reset Input or By Applying Start
	K	On/Off Delay An Interval Function - Triggered By Applying Start and Again By Removing Start. Reset Only With Reset Input
	L	One Shot Output (Interval) Sustained or Momentary Start - Reset With Reset Input or By Applying Start.
	N	Time Accumulation With Start Input - Reset Only With Reset Input RESET/START/INHIBIT INPUT
TIME	0.02 SEC MIN	
SELF RESET	30mS	
OPERATING POWER	90-264 VAC, 50/60 Hz., 24-240VDC	
RELAY OUTPUT	SPDT, 5A, 250 VAC	

SPECIFICATIONS—LE3SB ONLY

TIMING MODE	ON-Delay-Sustained Start	
SELF RESET	10mS	
OPERATING POWER	110 VAC—Standard 220 VAC—Optional	
RELAY OUTPUT	1 SPDT Timed 1 SPDT Instant	