

E42DI24/E42DIR Series**Product Description**

Simple LCD hour meters with flexible input voltages



Features

- Solid-state hour meters
- Record and display up to 99,999.9 hours, rollover and continue timing
- EEPROM memory can retain data for 25+ years
- Time accumulation indicated by flashing hourglass icon
- Memory will arm only when power has been applied for 5 seconds

Standards and Certifications

- UL recognized
- CE compliant

**Product Selection****E42DI24/E42DIR Series Elapsed Time Meters**

	Description	Catalog Number
E42DIR_ 	Round LCD	
	Elapsed hour meter, 48–150 Vdc/100–230 Vac	E42DIR48230
	Elapsed hour meter with reset, 48–150 Vdc/100–230 Vac	E42DIR48230R
	Elapsed hour meter, 12–48 Vdc/20–60 Vac	E42DIR1260
E42DI24_ 	Rectangular LCD	
	Elapsed hour meter, 48–150 Vdc/100–230 Vac	E42DI2448230
	Elapsed hour meter, with reset, 48–150 Vdc/100–230 Vac	E42DI2448230R
	Elapsed hour meter, 12–48 Vdc/20–60 Vac	E42DI241260

Technical Data and Specifications**General Specifications**

Description	Specification
Function	Solid-state hour meter
Power supply	
E42DIXX1260X	12–48 Vdc $\pm 25\%$ /20–60 Vac $\pm 25\%$
E42DIXX48230X	48–150 Vdc $+23\%$ – 25% /100–230 Vac $+17\%$ – 25%
Frequency range	48–440 Hz
Display	Six-digit LCD, 0.20 in (5 mm)
Accuracy	$\pm 0.1\%$
Recording/display capacity	99,999.9 hours
Resolution	0.1 hour (6 minutes)
Current consumption max. at nominal voltage	
E42DIXX1260X	0.8 mA at 12 Vdc 5.0 mA at 48 Vdc 0.5 mA at 20 Vac 2.5 mA at 60 Vac
E42DIXX48230X	0.8 mA at 48 Vdc 2.5 mA at 150 Vdc 0.9 mA at 100 Vac 2.0 mA at 230 Vac
Input impedance minimum (pins 3 and 4)	
E42DIXX1260X	70 Kohms
E42DIXX48230X	480 Kohms
Operating temperature	–40 to 185 °F (–40 to 85 °C)
Storage temperature	–58 to 194 °F (–50 to 90 °C)
Weight	
E42DIRXXXXXX	1.94 oz (55 g)
E42DI24XXXXXX	0.78 oz (22 g)

1.5

Counters, Panel Meters, Tachometers and Timers

Timers/Hour Meters

1

Dimensions

Approximate Dimensions in Inches (mm)

E42DI24/E42DIR Series

