

1 **1/32 DIN LED Multifunction Totalizer/Timer/Ratemeter****Product Description**

Compact LED display for a variety of input signals.

Features

- Display counter adding and subtracting
- Position display
- Frequency counter/ratemeter
- Timer
- Display range: –199.999 to 999.999 with zero blanking
- Screw terminal
- Locking SET-key

Standards and Certifications

- UL recognized
- CE marked

**Product Selection**

E5-024-C04

**1/32 DIN LED Multifunction Totalizer/Timer/Ratemeter**

Description	Catalog Number
LED Single channel totalizer, 10–30 Vdc power 0.94 x 1.89 in (24 x 48 mm)	E5-024-E0402
LED multifunction totalizer/timer/ratemeter 10–30 Vdc power 0.94 x 1.89 in (24 x 48 mm)	E5-424-E0402
LED double-function totalizer/timer/ratemeter 10–30 Vdc power 0.94 x 1.89 in (24 x 48 mm)	E5-524-E0402
LED totalizer with quadrature, 10–30 Vdc power 0.94 x 1.89 in (24 x 48 mm)	E5-024-E0432

Technical Data and Specifications**General Specifications**

Description	Specification
Supply voltage	10–30 Vdc with reverse polarity protection
Current consumption	Max. 55 mA
Display	Six-digit red, seven-segment LED display
Figure size	0.31 in (8 mm) high
Data backup	EEPROM
Housing	Dimension 3.78 x 1.89 in (48 x 24 mm) according to DIN 43 700; RAL 7021 gray
Polarity of inputs	Programmable, NPN or PNP
Input resistance	Approx. 10k ohms
Counting frequency	60 kHz, can be damped to 30 Hz, position display max. 25 kHz
Resolution	Timer 0.001 sec.
Reset time	5 ms
Level of inputs	
High	0.6 x U _B –30 Vdc
Low	0–0.2 x U _B (Vdc)
Error	
Tachometer	<0.1%
Timer	<50 ppm
Ambient temperature	4° to 131°F (–20° to 55°C)
Storage temperature	–13° to 167°F (–25° to 75°C)
EMC	According to EC EMC directive 89/36/EWG
Immunity to interference	EN 61 000-6-4/ EN 55011 Class B
Emitted interference	EN 61 000-6-2
Protection	IP65 (from front)
Weight	Approx. 5.29 oz (150g)

Dimensions

Approximate Dimensions in Inches (mm)

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