1

Electronic Totalizers

Contents

Electronic Totalizers

Product Overview

Eaton's electric totalizers provide a flexible and accurate method of displaying count and measurement data in an easily readable format.

Features

- LED and LCD readouts
- Variety of sizes and packages
- Programmable inputs and displays available

Standards and Certifications

- Most products are UL certified (see individual product pages for details)
- CE

1/32 DIN LCD Totalizers

Product Description

Compact battery powered totalizers where AC power is unavailable.

Features

- Low price and high efficiency
- Large eight-digit LCD display, height of the figures 0.31 in (8 mm)
- Various counting modes like up/down differential available
- High voltage input for 10–260 Vac/Vdc voltage pulses
- IP65

- Screw terminals, RM 5 mm
- Lifetime of the battery approximately eight years
- Locking of the reset key
- Operating temperature 14 to 140 °F (–10 to 60 °C)
- All version of positive or negative counting edge
- Filter function for bounce-free counting with mechanical contacts

Standards and Certifications

- UL recognized
- CE marked

Product Selection

E5-024-C04_

1/32 DIN LCD Totalizers

Description	Catalog Number
Eight-Digit LCD Totalizer, Battery Power	
4–30 Vdc powered, NPN/PNP 0.94 x 1.89 in (24 x 48 mm)	**E5-024-C0400**
10–120V input AC/DC powered, NPN only 0.94 x 1.89 in (24 x 48 mm)	**E5-024-C0408**
Count up/down 4–30 Vdc powered, NPN only, 0.94 x 1.89 in (24 x 48 mm)	**E5-024-C0410**

Technical Data and Specifications

1/32 DIN LCD Totalizers

Description	Specification
Power supply	Non-replaceable lithium battery (lifetime approximately eight years at 68 °F (20 °C)
Display	LCD, eight-digits
Figure size	0.31 in (8 mm) high
Mode	Adding or subtracting (selectable), counting direction, differential counting or phase discriminator single or dual evaluation (selectable)
Display range	–9999999 to 99999999, with overflow display
Reset	Manual and electrical
Interference emissions	EN 55011 Class B, EN 61 000-6-2, EN 61010 Section 1 (only AC versions)
Housing	Dark gray RAL 7021
Operating temperature	14 to 131 °F (–10 to 55 °C)
Ambient temperature	14 to 140 °F (–10 to 60 °C)
Storage temperature	–4 to 158 °F (–20 to 70 °C)
Protection	IP65 (from front)
Weight	Approx. 1.76 oz (50 g)