

Digital Counter, 6-Digit Alpha

Alarms (Open Collector, Form C & Buzzer)

P/N KA-DIG6A-RL-RS485



Description

The Dig-6A High Speed is an optically isolated, high-precision programmable countdown pulse counter. It can count from 999,999. It features alarms and a bright 6-digit red LED display for readability in difficult lighting conditions with status LEDs for a quick, single-glance read.

Input Signals

Input Pulse 1, 5-12V, polarity protected
Input Pulse 2, 5-12V, polarity protected

Optically isolated (5000V minimum)
Ultra-fast pulse inputs, 5mS, 200 CPS

J3, DB9, Norcomp P/N 182-009-213R531
Mates with Norcomp P/N 182-009-113R161

Optional Communications Port

RS-485 bi-directional communications port

J4, DB9, Norcomp P/N 182-009-213R531
Mates with Norcomp P/N 182-009-113R161

Indicators

Power Indicator: Green LED
Status 1: Red LED
Status 2: Red LED
Relay Energized: Yellow LED
Display: Ultra-bright, 7-seg 0.56" red LED digits

Features

6-digit 14-segment red LED display, 0.56" high
Jog control with tactile feedback
Audible alarm
Relay energized indicator
Status LED indicators

Alarm Output Signal

Power relay, Form-C
Switch contacts N.O., Switch contacts N.C.
Contact ratings: 30 VDC @ 1 Amps
Relay isolation of 1500V minimum
Open collector, 40VDC, 500mA, 20KHz max
Piezo buzzer > 80dB

Power Requirements

7.5-12 VDC @ 200 mA max.
Polarity protected, filtered, fused
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Physical Characteristics

Extents: 160 x 95 x 36mm (6.3" x 3.75" x 1.41")
Weight: 255g (9oz)
Relative humidity: 10-80% non-condensing
Operating temperature: 0 to 50C (32 to 122F)
Storage temperature: -20 to 60C (-4 to 140F)
Enclosure rated: UL 94-HB flamability