Product datasheet

Specifications



hour counter - LCD 6 digit display - manual reset - 24x48 mm

RC87610150

Discontinued on: 29 Jan 2021

EAN Code: 3389110285826

Discontinued

Main

Range of product	Zelio Count
Product or component type	Hour counter
Display type	LCD
Size	24 x 48 mm
Display digits	6 digit(s)
Reset	Manual Voltage level
Time base type	Quartz
Technology type	Electronic

Complementary

Counting input type	Solid state
Time range	0...99999.9 mn 0...99999.9 s 0...99 h 59 mn 59 s 0...99999.9 h
Battery life	5 year(s) (1 lithium battery)
Minimum pulse duration	0.035 s for DC (input) 0.05 s for AC (input) 0.1 s (reset)
Material	Self-extinguishing
Mounting support	Panel mounting
fixing mode	By yoke
Connections - terminals	6 screw terminals (back of the device)
Clamping connection capacity	2 x 1.5 mm²
Supply	Internal battery
Height	24 mm
Input voltage type	AC AC/DC
Net weight	0.065 kg
Width	48 mm

Environment

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Standards	VDE 0110 IEC 664 IEC 348 IEC 255-4 IEC 801-4 IEC 801-2 IEC 255-5
Product certifications	CSA cULus
IP degree of protection	IP66 (front panel)
Ambient air temperature for operation	-10…55 °C
Ambient air temperature for storage	-20…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Use Better

Materials and Substances

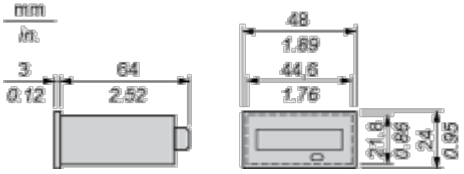
EU RoHS Directive	Compliant By Exemption

Dimensions Drawings

Electronic Hour Counters

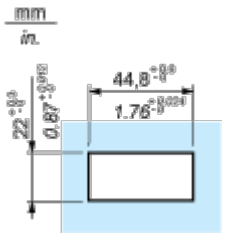
Dimensions

RC87610150

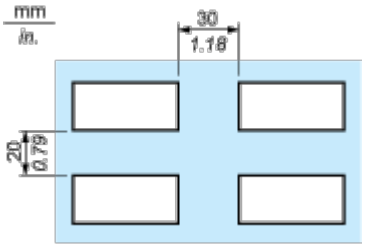


Panel Cut-out (Max. Thickness: 10 mm / 0.39 in.)

1 unit



4 units

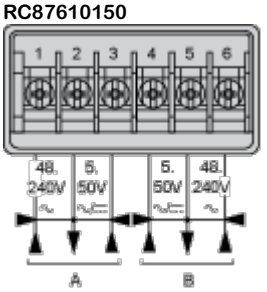


Connections and Schema

Terminals of Electronic Hour Counters

Solid State Input

RC87610150



1: Reset 48...240 Vac

2: Reset common

3: Reset 5...50 Vac/Vdc

4: 5...50 Vac/Vdc

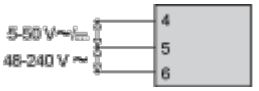
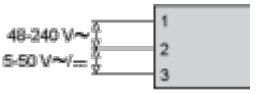
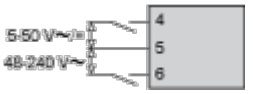
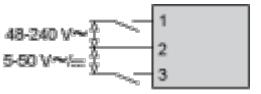
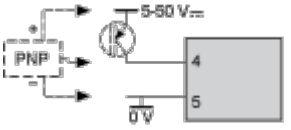
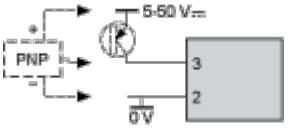
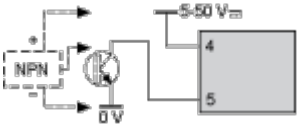
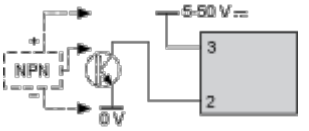
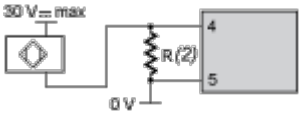
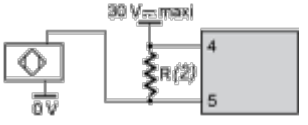
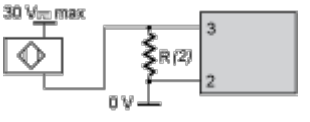
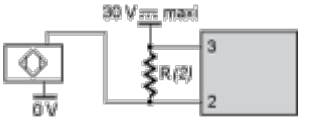
5: Start/stop common

6: 48...240 Vac

A: Reset Inputs

B: Start/stop inputs

Wiring Diagrams

Description	Counting Input: RC87610050, RC87610250 Start/Stop input: RC87610150	Reset: RC87610050, RC87610150, RC87610250
Voltage		
Live contact		
NPN transistor or 3-wire NPN proximity sensor (1)		
PNP transistor or 3-wire PNP proximity sensor (1)		
2-wire proximity sensor	 	 

(1) For sensor with leakage current <= 0.1 mA

(2) R = 470 Ohm / 2 Ohm for a 2-wire sensor with leakage current <= 1.5 mA