

RC87610250

total/partial impulse counter - LCD 8 digit display -
24x48mm - 14 Hz



Main

Range of product	Zelio Count
Product or component type	Total/partial counter
Display type	LCD
Size	24 x 48 mm
Display digits	8 digit(s)
Counting frequency	14 Hz
Reset	Manual Transistor Voltage Volt-free contact
Counting capacity	0...99 999 999
Technology type	Electronic

Complementary

Counting input type	Voltage
Battery life	5 yr (1 lithium battery)
Closing response time	>= 40 ms (reset)
Material	Self-extinguishing
Mounting support	Panel mounting
Fixing mode	By yoke
Connections - terminals	6 screw terminals on back of the device
Clamping connection capacity	2 x 1.5 mm ²
Supply	Internal battery
Height	24 mm
Input voltage type	AC AC/DC
Product weight	0.065 kg
Width	48 mm

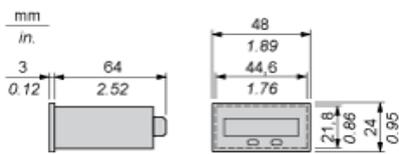
Environment

standards	IEC 255-4 IEC 255-5 IEC 48 IEC 664 IEC 801-2 IEC 801-4 VDE 0110
product certifications	CSA CULus
IP degree of protection	IP66 for front panel
ambient air temperature for operation	-10...55 °C
ambient air temperature for storage	-20...70 °C

Electronic Total/Partial Impulse Counters

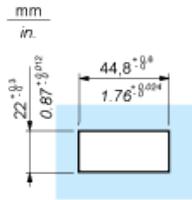
Dimensions

RC87610240, RC87610250

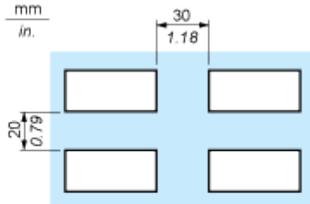


Panel Cut-out (Max. Thickness: 10 mm / 0.39 in.)

1 unit



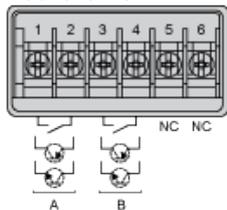
4 units



Terminals of Electronic Total/Partial Impulse Counters

Solid State Input

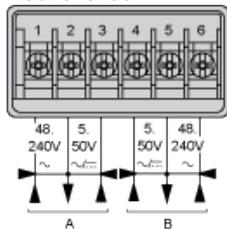
RC87610240



- 1: General reset input
- 2: General reset common
- 3: Count common
- 4: Counting
- 5: Not connected
- 6: Not connected
- A: General reset inputs
- B: Counting inputs

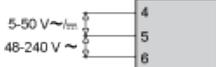
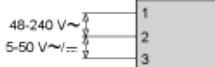
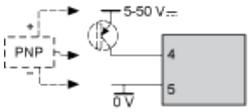
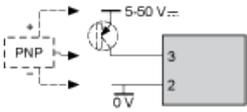
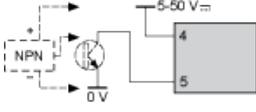
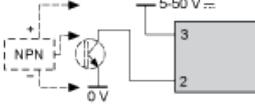
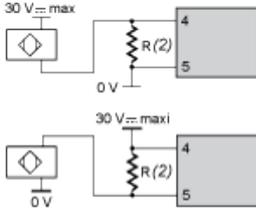
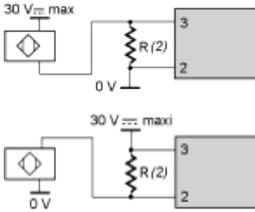
Voltage Input

RC87610250



- 1: Reset 48...240 Vac
- 2: General reset common
- 3: Reset 5...50 Vac/Vdc
- 4: 5...50 Vac/Vdc
- 5: Count common
- 6: 48...240 Vac
- A: General reset inputs
- B: Counting 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		
<p>(1) For sensor with leakage current ≤ 0.1 mA</p> <p>(2) $R = 470$ Ohm / 2 Ohm for a 2-wire sensor with leakage current ≤ 1.5 mA</p>		