

## 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 <sup>2</sup>
Supply	Internal battery
Height	24 mm
Input voltage type	AC AC/DC
Product weight	0.065 kg
Width	48 mm

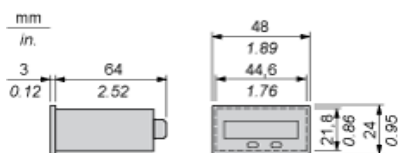
### Environment

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

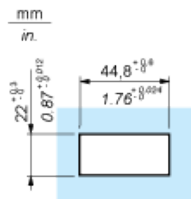
#### Dimensions

RC87610240, RC87610250

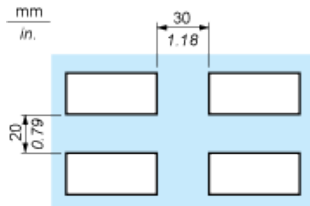


### Panel Cut-out (Max. Thickness: 10 mm / 0.39 in.)

1 unit



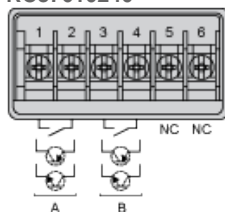
4 units



## Terminals of Electronic Total/Partial Impulse Counters

### Solid State Input

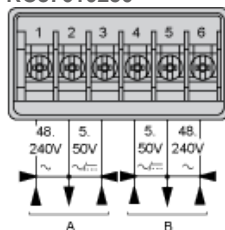
RC87610240



- 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

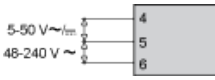
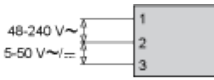
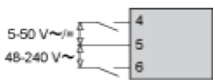
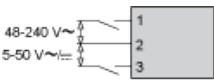
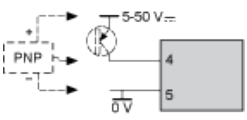
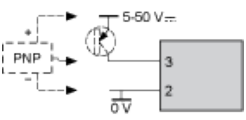
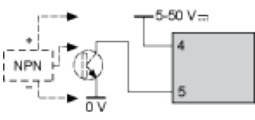
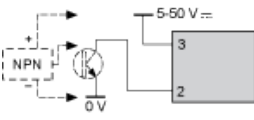
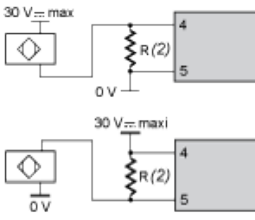
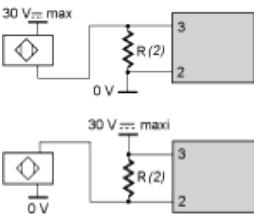
### Voltage Input

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	<div data-bbox="719 152 794 203"></div> <div data-bbox="531 215 979 275">Counting Input: RC87610050, RC87610250 Start/Stop input: RC87610150</div>	<div data-bbox="1206 152 1281 203"></div> <div data-bbox="1066 215 1418 275">Reset: RC87610050, RC87610150, RC87610250</div>
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		
<div data-bbox="134 1021 932 1093">(1) For sensor with leakage current &lt;= 0.1 mA (2) R = 470 Ohm / 2 Ohm for a 2-wire sensor with leakage current &lt;= 1.5 mA</div>		