

Product data sheet

Specifications



impulse counter - LCD 8 digit display - 24x48 mm - up to 7000 Hz

RC87610340

 **Discontinued on:** Jan 29, 2021

 **Discontinued**

Main

Range Of Product	Zelio Count
Product Or Component Type	Totalising counter
Display Type	LCD
Size	24 x 48 mm
Display Digits	8 digit(s)
Counting Frequency	Fast counting input 7000 Hz Slow counting input 40 Hz
Reset	NPN open collector >= 12 ms Manual on front panel Volt-free contact Transistor
Counting Capacity	0...99 999 999

Complementary

Counting Input Type	Solid state
Current Consumption	<= 6 mA at 24 V DC fast counting input
Discrete Output Current	<= 0.052 mA slow counting input
Voltage State 0 Guaranteed	Fast counting input: 0...1 V DC
Voltage State 1 Guaranteed	Fast counting input: 4...30 V DC
[Ures] Residual Voltage	0.4 V slow counting input
Maximum Leakage Current	Slow counting input <2 mA in OFF state
Battery Life	8 year(s) (1 lithium battery)
Damped Oscillatory Wave	1 kV, level 3 conforming to IEC 255-4
Material	Self-extinguishing
Mounting Support	Panel mounting
Fixing Mode	By yoke
Connections - Terminals	5 screw terminals (back of the device)
Clamping Connection Capacity	2 x 1.5 mm ²
Supply	Internal battery
Reset Time	12 ms
Discrete Input Type	NPN
Height	24 mm

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

Net Weight	0.06 kg
Width	48 mm

Environment

Resistance To Radiated Fields	10 V/m, 26 MHz...1 GHz conforming to IEC 1000-4-3 level 3
Resistance To Fast Transients	1 kV level 3 conforming to IEC 1000-4-4
Resistance To Electrostatic Discharge	8 kV level 3 conforming to IEC 1000-4-2
Standards	VDE 0110 IEC 801-2 IEC 348 IEC 664 IEC 801-4 IEC 255-4 IEC 255-5
Product Certifications	CSA cULus
Ip Degree Of Protection	IP64
Ambient Air Temperature For Operation	0...55 °C
Ambient Air Temperature For Storage	-25...70 °C

Contractual warranty

Warranty	18 months
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Sustainability



Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)

Well-being performance

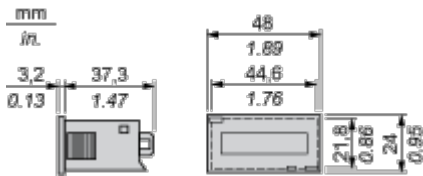
 Mercury Free	
 Rohs Exemption Information	Yes
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
California Proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

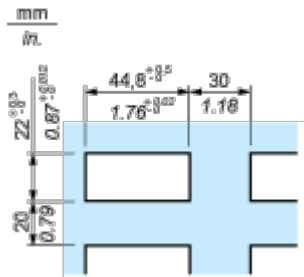
Electronic Totalizing Counters and Hour Counters/Chronometers

Dimensions

RC87610340, RC87610440



Panel Cut-out

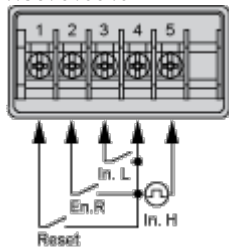


Connections and Schema

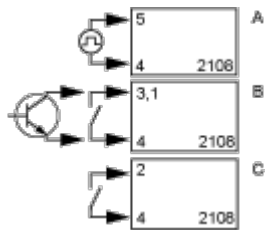
Terminals of Electronic Totalizing Counters and Hours Counters/Chronometers

Impulse Counter

RC87610340



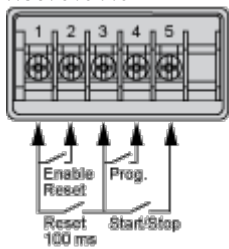
- 1: Reset input
- 2: Enable Reset
- 3: Slow counting
- 4: 0 V
- 5: Fast counting



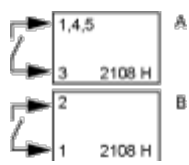
- 1: Reset input
- 2: Enable Reset
- 3: Slow counting
- 4: 0 V
- 5: Fast counting
- A: Fast counting input
- B: Slow counting input and reset
- C: Enable Reset input

Hour Counter/Chronometer

RC87610440



- 1: Reset input
- 2: Enable Reset
- 3: Common
- 4: Prog.
- 5: Start/Stop



- 1: Reset input
- 2: Enable Reset
- 3: Common
- 4: Prog.
- 5: Start/Stop
- A: Reset input, Prog., Start/Stop
- B: Enable Reset input