Product datasheet

Specifications

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

RC87610340

⚠ **Discontinued on:** 29 Jan 2021

EAN Code: 3389110285864

⚠ **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 mm²
Supply	Internal battery
Reset Time	12 ms
Discrete Input Type	NPN
Height	24 mm

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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-CO_2 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

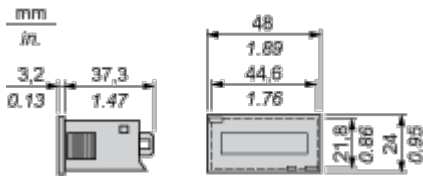✅ Mercury Free

✅ Rohs Exemption Information   Yes

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

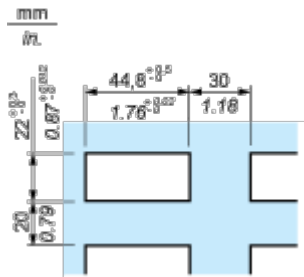China Rohs Regulation   China RoHS declaration

Dimensions Drawings

Electronic Totalizing Counters and Hour Counters/Chronometers

Dimensions

26 Apr 2024

RC87610340, RC87610440

$\dfrac{mm}{in.}$

48
1.89
44,6
1.76

3,2   37,3
0.13   1.47

21,8 24
0.86 0.95

Panel Cut-out

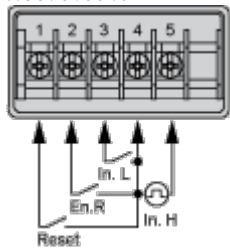$\dfrac{mm}{in.}$

44,6
1.76

30
1.18

22
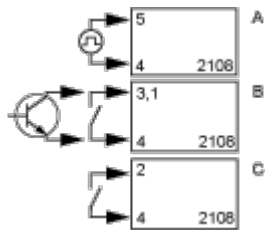0.87

20
0.79

Connections and Schema

Terminals of Electronic Totalizing Counters and Hours Counters/Chronometers

Impulse Counter

RC87610340
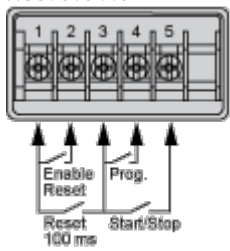
1:    Reset input

2:    Enable Reset

3:    Slow counting

4:    0 V

5:    Fast counting
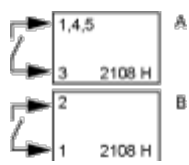
1:    Reset input

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