



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 \leq 7000 Hz Slow counting input \leq 40 Hz
Reset	Transistor Manual on front panel NPN open collector \geq 12 ms Volt-free contact
Counting capacity	0...99 999 999

Complementary

Counting input type	Solid state
Current consumption	Fast counting input : \leq 6 mA at 24 V DC
Discrete output current	Slow counting input : \leq 0.052 mA
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	Slow counting input \leq 0.4 V
Leakage current	Slow counting input \leq 2 mA in OFF state
Battery life	8 yr (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
Clamping connection capacity	2 x 1.5 mm ²
Supply	Internal battery
Reset time	12 ms
Discrete input type	NPN
Height	24 mm
Product weight	0.06 kg

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

Width	48 mm
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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 conforming to IEC 1000-4-4 level 3
Resistance to electrostatic discharge	8 kV conforming to IEC 1000-4-2 level 3
Standards	IEC 801-4 VDE 0110 IEC 801-2 IEC 664 IEC 255-4 IEC 255-5 IEC 348
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 period	18 months
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