



Main

Range of product	Zelio Count
Product or component type	Multifunctional counter
Additional information	Batch counter Tachometer Preselection counter Chronometer
Display type	LCD
Size	48 x 48 mm
Display digits	6 digit(s)
Counting frequency	bi-directional counting 2500 Hz uni-directional counting 5000 Hz
Reset	Electrical reset Manual Automatic reset
Counting capacity	-99999...999999

Complementary

[Us] rated supply voltage	230 V AC 50/60 Hz Us +/- 10 %
Sensor power supply	12...24 V DC at <= 50 mA
Current consumption	50 mA at 230 V AC
Output type	Relay changeover reset response time: 5 ms 5...250 V AC, 0.01...1 A Relay changeover reset response time: 5 ms 5...30 V DC, 0.01...1 A Transistor PNP 12...24 V DC, 0.01 A
Preset number	1
Counting mode	Counting direction inputs (input resistance 5 kOhm) Differential inputs (input resistance 5 kOhm) Single counter input (input resistance 5 kOhm) Single counter with phase discriminator (input resistance 5 kOhm) Summing inputs (input resistance 5 kOhm)
Time range	0...99 999.9 h 0...99 999.9 s 0...99 h 59 mn 59 s 0...99 999.9 mn
Input type	Contact
Minimum pulse duration	0.0001 s at 5000 Hz counting frequency 0.017 s at 30 Hz counting frequency

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

Mounting mode	Flush-mounted
Mounting support	Panel mounting
Fixing mode	By self-locking clamp with setscrews
Connections - terminals	Screw terminal block
Discrete input type	NPN or PNP
Height	48 mm
Number of outputs	3
Net weight	0.25 kg
Width	48 mm
CAD overall width	48 mm
CAD overall height	48 mm
CAD overall depth	102 mm

Environment

Standards	EN 50081-2 EN 50082-2 EN 61010
Product certifications	CURus
IP degree of protection	IP65 conforming to IEC 60529
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...70 °C
Vibration resistance	1 gn (f= 10...150 Hz) conforming to IEC 60068-2-6
Shock resistance	10 gn for 18 ms conforming to IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 60536

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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