



Main

Range of product	Zelio Count
Product or component type	Multifunctional counter
Additional information	Tachometer Chronometer Preselection counter Batch counter
Display type	LED
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
Technology type	Electronic

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	2
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 h 59 mn 59 s 0...99 999.9 h 0...99 999.9 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
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
Display colour	Red
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 50082-2 EN 61010 EN 50081-2
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

Packing Units

Package 1 Weight	0.408 kg
Package 1 Height	0.800 dm
Package 1 width	1.200 dm
Package 1 Length	1.550 dm

Offer Sustainability

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

Contractual warranty

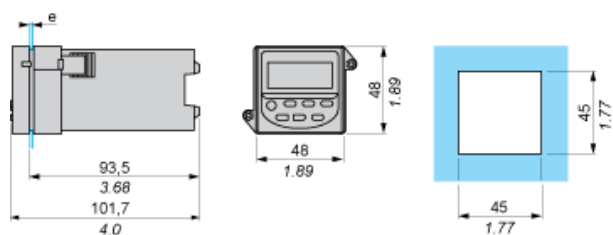
Warranty	18 months
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Electronic Preselection and Multifunction Counters

Dimensions, Flush-Mounting

XBKP6••30G3•E

mm
in.



Electronic Preselection and Multifunction Counters, LCD or LED

Wiring Diagrams

