



Main

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

Complementary

[Us] rated supply voltage	230 V AC (Us +/- 10 %) at 50/60 Hz
Sensor power supply	12...24 V DC at <= 50 mA
Current consumption	50 mA at 230 V AC
Output type	Transistor PNP 12...24 V DC, <= 0.01 A Relay changeover reset response time: 5 ms 5...30 V DC, 0.01...1 A Relay changeover reset response time: 5 ms 5...250 V AC, 0.01...1 A
Preset number	2
Counting mode	Summing inputs (input resistance 5 kOhm) Single counter with phase discriminator (input resistance 5 kOhm) Single counter input (input resistance 5 kOhm) Differential inputs (input resistance 5 kOhm) Counting direction inputs (input resistance 5 kOhm)
Time range	0...99 999.9 h 0...99 999.9 mn 0...99 999.9 s 0...99 h 59 mn 59 s
Input type	Contact
Minimum pulse duration	0.017 s at 30 Hz counting frequency 0.0001 s at 5000 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
Height	48 mm
Number of outputs	3
Product weight	0.25 kg
Width	48 mm
CAD overall width	48 mm
CAD overall height	48 mm
CAD overall depth	102 mm

Environment

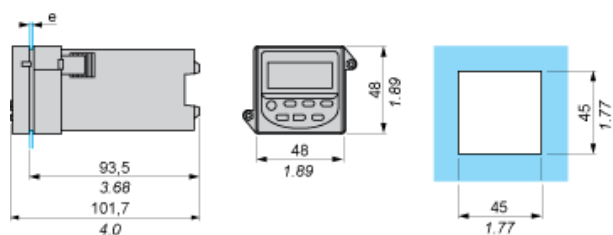
Standards	EN 50081-2 EN 50082-2 EN 61010
Product certifications	CURus
IP degree of protection	IP65 conforming to IEC 60529
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...70 °C
Vibration resistance	1 gn (f = 10...150 Hz) conforming to IEC 60068-2-6
Shock resistance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

Electronic Preselection and Multifunction Counters

Dimensions, Flush-Mounting

XBKP6••30G3•E

mm
in.



Electronic Preselection and Multifunction Counters, LCD or LED

Wiring Diagrams

