



Main

Range of product	Zelio Count
Product or component type	Multifunctional counter
Additional information	Tachometer Batch counter Preselection counter Chronometer
Display type	LCD
Size	48 x 48 mm
Display digits	6 digit(s)
Counting frequency	5000 Hz Bi-directional counting 2500 Hz
Reset	Electrical reset Manual Automatic reset
Counting capacity	- 99 999...999 999

Complementary

[Us] rated supply voltage	115 V AC 50/60 Hz Us +/- 10 %
Sensor power supply	12...24 V DC at <= 50 mA
Current consumption	50 mA at 115 V AC
Discrete output current	10 mA
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 h 59 mn 59 s 0...99999.9 s 0...99999.9 mn 0...99999.9 h
Minimum pulse duration	0.0001 S at 5000 Hz counting frequency 0.017 s at 30 Hz counting frequency
Material	Self-extinguishing
Mounting mode	Flush-mounted
Mounting support	Panel mounting
Fixing mode	By self-locking clamp with setscrews
Connections - terminals	Screw terminal block
Analogue output range	5...250 V 12...24 V <= 10 mA 10...1000 mA 5...30 V
Discrete input type	NPN or PNP
Discrete output function	2 C/O
Discrete output number	3
Height	48 mm
Net weight	0.25 kg
Width	48 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Standards	EN 50082-2 EN 50081-2 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 conforming to IEC 60068-2-6 (f = 10...150 Hz)
Shock resistance	10 gn conforming to IEC 60068-2-27 for 18 ms
Electrical shock protection class	Class II conforming to IEC 60536

Packing Units

Package 1 Weight	0.388 kg
Package 1 Height	0.780 dm
Package 1 width	1.550 dm
Package 1 Length	1.180 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
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

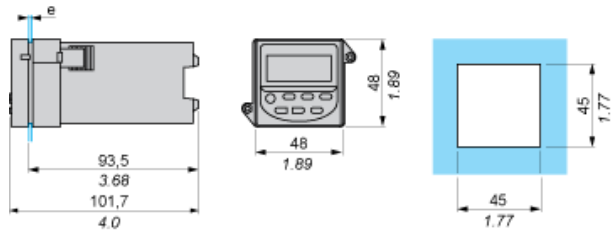
Warranty	18 months
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Electronic Preselection and Multifunction Counters

Dimensions, Flush-Mounting

XBKP6••30G3•E

mm
in.



Electronic Preselection and Multifunction Counters, LCD or LED

Wiring Diagrams

