



Main

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

Complementary

[Us] rated supply voltage	24 V DC (Us +/- 10 %)
Current consumption	150 mA at 24 V DC
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
Display colour	Red
Height	48 mm
Number of outputs	3
Product weight	0.15 kg
Width	48 mm
CAD overall width	48 mm
CAD overall height	48 mm
CAD overall depth	102 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

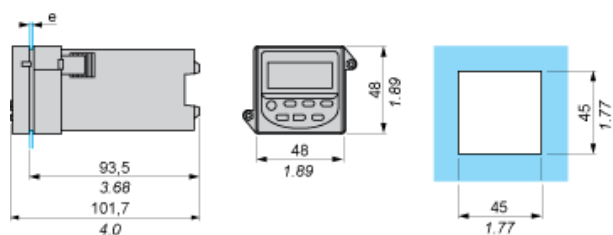
Standards	EN 50081-2 EN 50082-2 EN 61010
Product certifications	CURus
IP degree of protection	IP65 conforming to IEC 60529
Ambient air temperature for operation	0...50 °C
Ambient air temperature for storage	-20...70 °C
Vibration resistance	1 gn (f = 10...150 Hz) conforming to IEC 60068-2-6
Shock resistance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

