

## XBKP61130G31E

predetermining multi-function counter - LCD 6 digit display - 115 V AC



### Main

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

### Complementary

|                           |                                                                                                                                                                                                                                                                         |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Us] rated supply voltage | 115 V AC (Us +/- 10 %) at 50/60 Hz                                                                                                                                                                                                                                      |
| 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               | Transistor PNP 12...24 V DC, <= 0.01 A<br>Relay changeover reset response time: 5 ms 5...250 V AC, 0.01...1 A<br>Relay changeover reset response time: 5 ms 5...30 V DC, 0.01...1 A                                                                                     |
| Preset number             | 1                                                                                                                                                                                                                                                                       |
| Counting mode             | Counting direction inputs (input resistance 5 kOhm)<br>Differential inputs (input resistance 5 kOhm)<br>Single counter input (input resistance 5 kOhm)<br>Single counter with phase discriminator (input resistance 5 kOhm)<br>Summing inputs (input resistance 5 kOhm) |
| Time range                | 0...99 h 59 mn 59 s<br>0...99999.9 h<br>0...99999.9 mn<br>0...99999.9 s                                                                                                                                                                                                 |
| Minimum pulse duration    | 0.0001 s at 5000 Hz counting frequency<br>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     | <= 10 mA<br>10...1000 mA<br>12...24 V<br>5...250 V<br>5...30 V                                                                                                                                                                                                          |
| Discrete input type       | NPN or PNP                                                                                                                                                                                                                                                              |
| Discrete output function  | 2 C/O                                                                                                                                                                                                                                                                   |
| Discrete output number    | 3                                                                                                                                                                                                                                                                       |
| Height                    | 48 mm                                                                                                                                                                                                                                                                   |
| Product 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 50081-2<br>EN 50082-2<br>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                   |

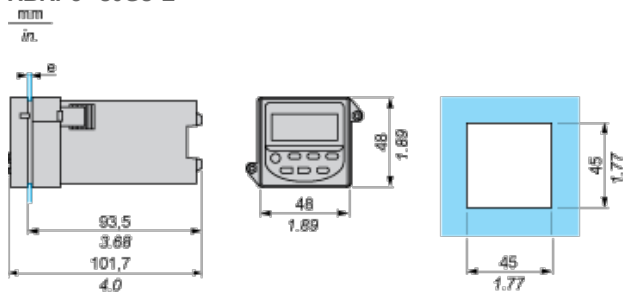
## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Electronic Preselection and Multifunction Counters

### Dimensions, Flush-Mounting

XBKP6••30G3•E



## Electronic Preselection and Multifunction Counters, LCD or LED

### Wiring Diagrams

