

Product datasheet

Specifications



Zelio Count predetermining multi-function counter - LCD 6 digits- 48 x 48 mm

XBKP61230G31E

⚠ Discontinued on: 1 Oct 2020

⚠ Discontinued

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 | Manual Automatic reset Electrical reset |
| Counting capacity | - 99 999...999 999 |

Complementary

| | |
|---------------------------|---|
| [Us] rated supply voltage | 115 V AC |
| 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 | 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...99999.9 mn 0...99 h 59 mn 59 s 0...99999.9 s 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...30 V 5...250 V ≤ 10 mA 10...1000 mA 12...24 V |
| Discrete input type | NPN or PNP |
| Discrete output function | 2 C/O |
| Discrete output number | 2 |
| Height | 48 mm |
| Net weight | 0.25 kg |
| Width | 48 mm |

Environment

| | |
|--|--|
| Standards | EN 50081-2 EN 61010 EN 50082-2 |
| 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 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

| | |
|-------------------------------------|---------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.5 cm |
| Package 1 Width | 12 cm |
| Package 1 Length | 15.5 cm |
| Package 1 Weight | 341 g |

Contractual warranty

| | |
|-----------------------------|----|
| Warranty (in months) | 18 |
|-----------------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Longer



Lifetime extension

Repair

No

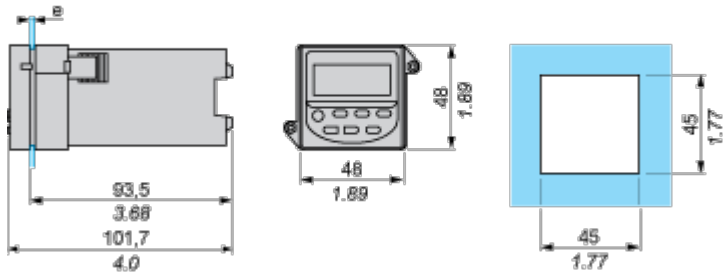
Dimensions Drawings

Electronic Preselection and Multifunction Counters

Dimensions, Flush-Mounting

XBKP6-30G3-E

mm
in.



Connections and Schema

Electronic Preselection and Multifunction Counters, LCD or LED

Wiring Diagrams

