



### Main

Range of product	Zelio Count
Product or component type	Totalising counter
Display type	LCD
Size	24 x 48 mm
Display digits	8 digit(s) 4 mm
Maximum counting frequency	30 Hz 7500 Hz
Reset	Manual Transistor
Counting capacity	0...9 999 999
Battery type	Lithium
Technology type	Electronic

### Complementary

Backup time	7 years
Counting mode	Adding (input resistance 0.05 kOhm)
Input function	Counting
Input type	Transistor NPN $\leq 0.7$ V DC Transistor PNP $\geq 5$ V DC Volt-free contact
Input voltage	$\leq \pm 40$ V DC
Minimum pulse duration	0.00007 s at 7500 Hz counting frequency 0.015 s at 30 Hz counting frequency
Mounting mode	Flush-mounted
Mounting support	Panel mounting
Fixing mode	By clamp
Connections - terminals	Screw terminal block
Supply	Battery
Product weight	0.05 kg
CAD overall width	48 mm
CAD overall height	24 mm
CAD overall depth	40 mm

Disclaimer: 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

## Environment

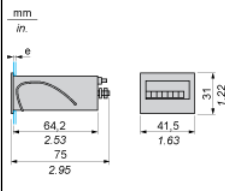
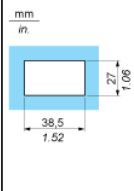
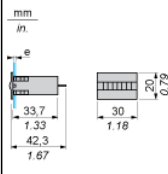
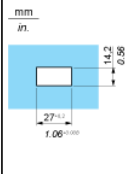
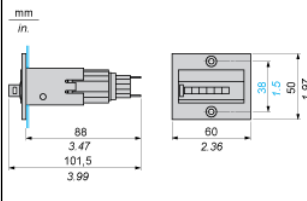
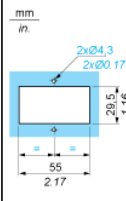
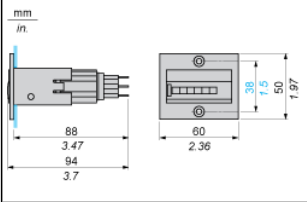
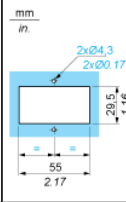
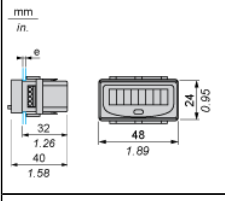
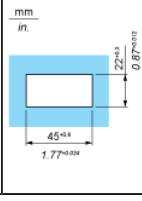
Standards	EN 61010 EN/IEC 50081-2 EN/IEC 50082-2
IP degree of protection	IP54 conforming to EN/IEC 60529
Ambient air temperature for operation	-10...50 °C
Ambient air temperature for storage	-20...60 °C
Vibration resistance	1 gn (f = 10...150 Hz) conforming to EN/IEC 60068-2-6
Shock resistance	10 gn for 18 ms conforming to EN/IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 60536

## Contractual warranty

Warranty period	18 months
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Electromechanical and Electronic Totalizing Counters

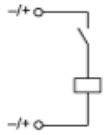
Dimensions, Flush-Mounting

Counters Dimensions	Flush-Mounting
<p>XBKT50000U••M, XBKT70000U••M</p> 	
<p>XBKT60000U00M</p> 	
<p>XBKT60000U1•M</p> 	
<p>XBKT80000U00M</p> 	
<p>XBKT81030U33E</p> 	
<p>e: panel thickness, 1 mm &lt; e &lt; 2.5 mm / 0.039 in. &lt; e &lt; 0.098</p>	

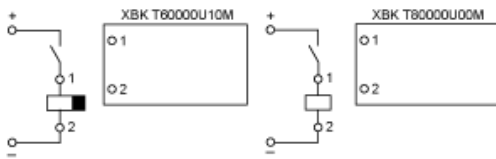
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



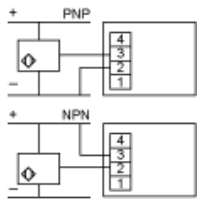
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



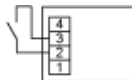
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

Reset Key Locking Facility



- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

Volt-free Contact



- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset