

Product datasheet

Specifications



Zelio Count totalising counter - mechanical 5 digits display - 48 V DC

XBKT50000U08M

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

Range of product	Zelio Count
Product or component type	Totalising counter
Display type	Mechanical
Size	31 x 41.5 mm
Display digits	5 digit(s)
Counting frequency	20 Hz
Reset	Without
Counting capacity	0...99999
Technology type	Electromechanical

Complementary

[Us] rated supply voltage	48 V DC
Power consumption in W	1.5 W
Backup time	Permanent
Counting mode	Adding
Input function	Counting
Input type	Contact
Mechanical durability	10000000 cycles
Mounting mode	Flush-mounted
Mounting support	Panel mounting
Connections - terminals	AMP lugs (connection box)
Height	31 mm
Product weight	0.1 kg
Width	41.5 mm
Product destination	Cable
Character size	4 mm

Environment

Standards	EN 50082-2 EN 50081-2
Product certifications	cUR

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

IP degree of protection	IP40 conforming to EN/IEC 60529
Ambient air temperature for operation	-10...50 °C
Ambient air temperature for storage	-20...60 °C
Vibration resistance	5 gn (f= 10...150 Hz) conforming to EN/IEC 60068-2-6
Shock resistance	30 gn for 6 ms conforming to EN/IEC 60068-2-27
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	4.3 cm
Package 1 Width	4.7 cm
Package 1 Length	9.2 cm
Package 1 Weight	90 g

Contractual warranty

Warranty (in months)	18
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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 Better



Materials and Substances

EU RoHS Directive

[Compliant By Exemption](#)

Use Longer



Lifetime extension

Repair

No

Dimensions Drawings

Electromechanical and Electronic Totalizing Counters

Dimensions, Flush-Mounting

Counters Dimensions	Flush-Mounting
XBKT50000U••M, XBKT70000U••M	
<p>Technical drawing of XBKT50000U••M counter. Side view dimensions: 64.2 mm (2.53 in), 75 mm (2.95 in). Front view dimensions: 41.5 mm (1.63 in), 31 mm (1.22 in).</p>	<p>Flush-mounting diagram for XBKT50000U••M counter. Dimensions: 38.5 mm (1.52 in), 27 mm (1.06 in).</p>
XBKT60000U00M	
<p>Technical drawing of XBKT60000U00M counter. Side view dimensions: 33.7 mm (1.33 in), 42.3 mm (1.67 in). Front view dimensions: 30 mm (1.18 in), 20 mm (0.79 in).</p>	<p>Flush-mounting diagram for XBKT60000U00M counter. Dimensions: 27 mm (1.06 in), 14.2 mm (0.56 in).</p>
XBKT60000U1•M	
<p>Technical drawing of XBKT60000U1•M counter. Side view dimensions: 68 mm (3.47 in), 101.5 mm (3.99 in). Front view dimensions: 60 mm (2.36 in), 38 mm (1.5 in), 50 mm (1.97 in).</p>	<p>Flush-mounting diagram for XBKT60000U1•M counter. Dimensions: 55 mm (2.17 in), 28.5 mm (1.16 in). Mounting hole dimensions: 2x24.3 mm and 2x22.17 mm.</p>
XBKT80000U00M	

Counters Dimensions	Flush-Mounting
<p>mm in.</p>	<p>mm in.</p>

XBKT81030U33E

<p>mm in.</p>	<p>mm in.</p>
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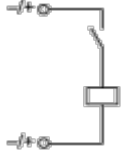
e: panel thickness, 1 mm < e < 2.5 mm / 0.039 in. < e < 0.098

Connections and Schema

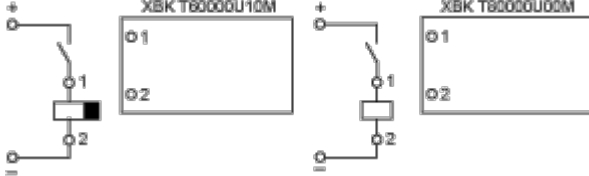
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U•M, XBKT70000U00M



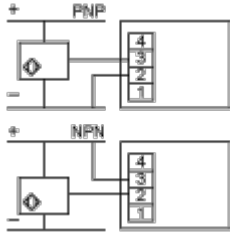
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



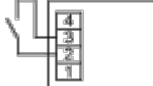
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

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

