

Product datasheet

Specifications



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

XBKT50000U08M

⚠ Discontinued on: 1 Jul 2020

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EAN Code: 3389110893663

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
Net 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

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

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	18 months
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Sustainability



Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

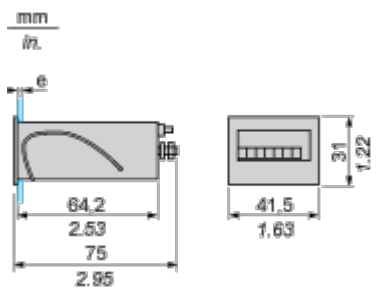
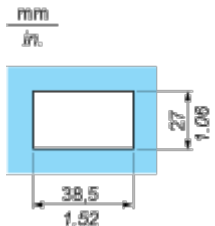
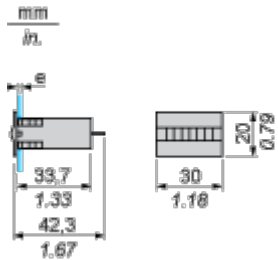
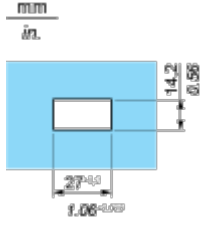
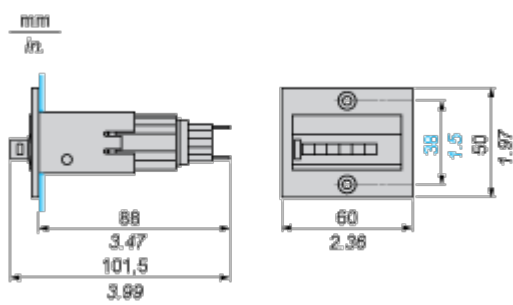
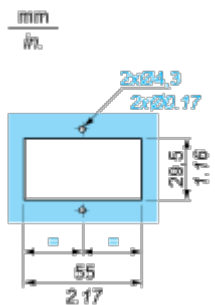
Well-being performance

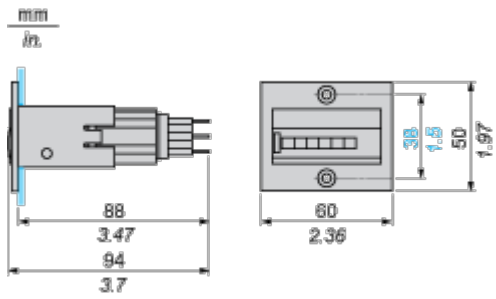
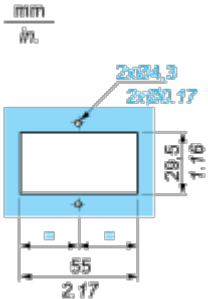
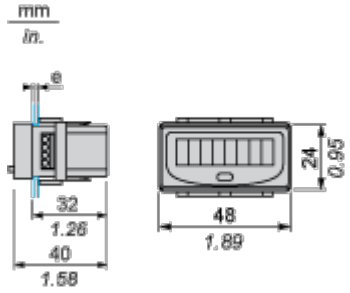
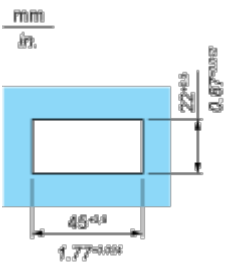
 Mercury Free	
 Rohs Exemption Information	Yes
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Electromechanical and Electronic Totalizing Counters

Dimensions, Flush-Mounting

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

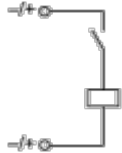
Counters Dimensions	Flush-Mounting
 <p>Technical drawings of the XBKT50000U08M device showing side and front views with dimensions in mm and in.</p> <p>Side view dimensions (mm/in):</p> <ul style="list-style-type: none">Overall width: 88 / 3.47Mounting tab width: 94 / 3.7Terminal block width: 60 / 2.36Terminal block height: 38 / 1.5Terminal block depth: 50 / 1.97 <p>Front view dimensions (mm/in):</p> <ul style="list-style-type: none">Overall width: 60 / 2.36Terminal block height: 38 / 1.5Terminal block depth: 50 / 1.97	 <p>Technical drawing of the XBKT50000U08M device showing the flush-mounting view with dimensions in mm and in.</p> <p>Dimensions (mm/in):</p> <ul style="list-style-type: none">Mounting tab width: 29.5 / 1.16Mounting tab depth: 1.76Terminal block width: 55 / 2.17Terminal block height: 29.5 / 1.16
XBKT81030U33E	
 <p>Technical drawings of the XBKT81030U33E device showing side and front views with dimensions in mm and in.</p> <p>Side view dimensions (mm/in):</p> <ul style="list-style-type: none">Overall width: 32 / 1.26Mounting tab width: 40 / 1.58Terminal block width: 48 / 1.89Terminal block height: 24 / 0.95 <p>Front view dimensions (mm/in):</p> <ul style="list-style-type: none">Overall width: 48 / 1.89Terminal block height: 24 / 0.95	 <p>Technical drawing of the XBKT81030U33E device showing the flush-mounting view with dimensions in mm and in.</p> <p>Dimensions (mm/in):</p> <ul style="list-style-type: none">Mounting tab width: 45 / 1.77Mounting tab depth: 22 / 0.87
e: panel thickness, 1 mm < e < 2.5 mm / 0.039 in. < e < 0.098	

Connections and Schema

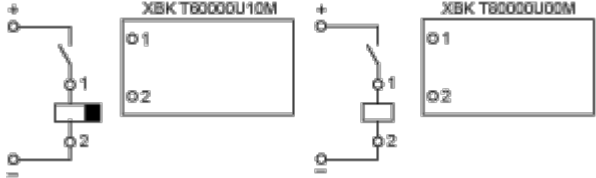
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



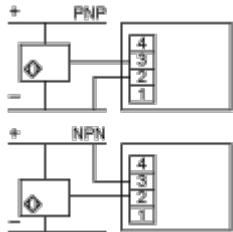
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



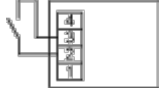
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

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

