

# Product datasheet

Specifications



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

XBKT50000U08M

⚠ Discontinued on: 1 Jul 2020

⚠ Discontinued

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-CO<sub>2</sub> 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 >](#)

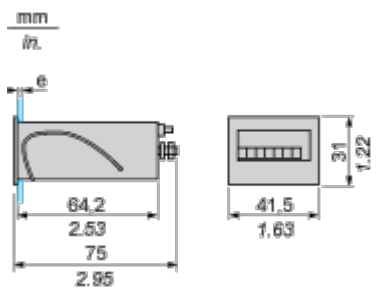
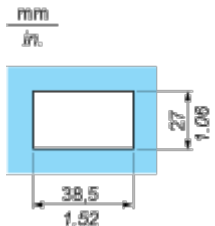
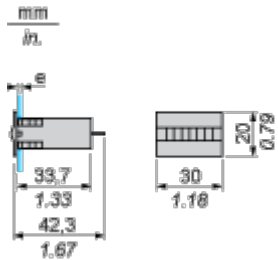
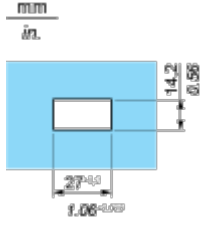
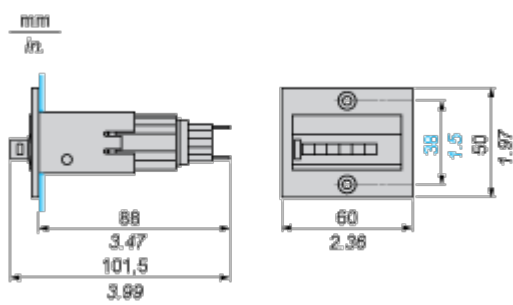
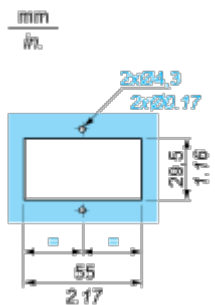
## Well-being performance

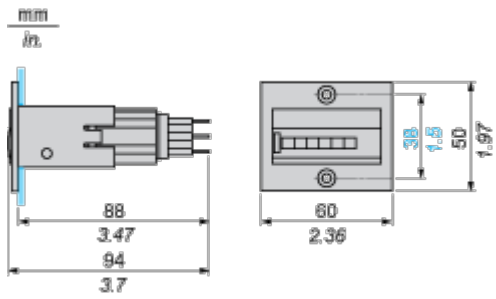
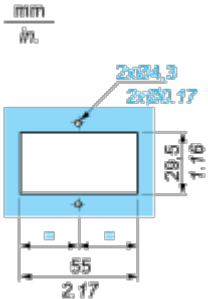
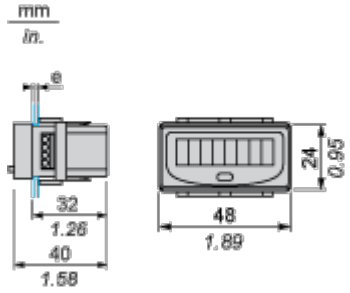
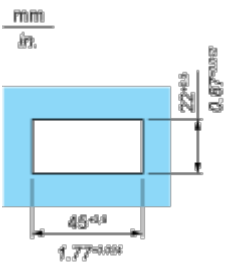
 Mercury Free	
 Rohs Exemption Information	<a href="#">Yes</a>
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never 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 side and front views with dimensions in mm and inches.</p> <p>Side view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Top width: 64.2 / 2.53</li><li>Bottom width: 75 / 2.95</li><li>Height: 31 / 1.22</li><li>Mounting hole diameter: e</li></ul> <p>Front view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Width: 41.5 / 1.63</li><li>Height: 31 / 1.22</li></ul>	 <p>Technical drawing of XBKT50000U•M and XBKT70000U•M showing top view with dimensions in mm and inches.</p> <p>Top view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Width: 38.5 / 1.52</li><li>Height: 27 / 1.06</li></ul>
XBKT60000U00M	
 <p>Technical drawing of XBKT60000U00M showing side and front views with dimensions in mm and inches.</p> <p>Side view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Top width: 33.7 / 1.33</li><li>Bottom width: 42.3 / 1.67</li><li>Height: 20 / 0.79</li><li>Mounting hole diameter: e</li></ul> <p>Front view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Width: 30 / 1.18</li><li>Height: 20 / 0.79</li></ul>	 <p>Technical drawing of XBKT60000U00M showing top view with dimensions in mm and inches.</p> <p>Top view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Width: 27.4 / 1.08</li><li>Height: 14.2 / 0.56</li></ul>
XBKT60000U1•M	
 <p>Technical drawing of XBKT60000U1•M showing side and front views with dimensions in mm and inches.</p> <p>Side view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Top width: 68 / 3.47</li><li>Bottom width: 101.5 / 3.99</li><li>Height: 38 / 1.5</li><li>Mounting hole diameter: e</li></ul> <p>Front view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Width: 60 / 2.36</li><li>Height: 50 / 1.97</li></ul>	 <p>Technical drawing of XBKT60000U1•M showing top view with dimensions in mm and inches.</p> <p>Top view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Width: 55 / 2.17</li><li>Height: 28.5 / 1.16</li><li>Mounting hole diameter: 2x24.3 / 2x0.96</li></ul>
XBKT80000U00M	

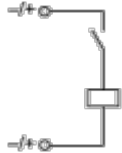
Counters Dimensions	Flush-Mounting
 <p>Technical drawings of the XBKT50000U08M terminal block showing side and front views with dimensions in mm and in.</p> <p>Side view dimensions (mm/in):</p> <ul style="list-style-type: none"><li>Overall width: 88 / 3.47</li><li>Terminal width: 94 / 3.7</li><li>Terminal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

Connections and Schema

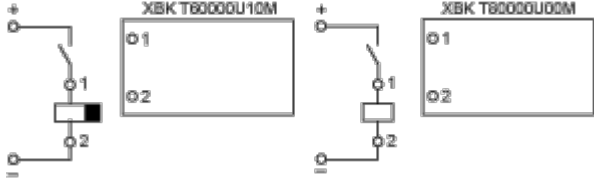
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



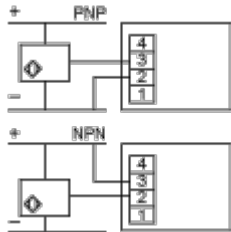
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



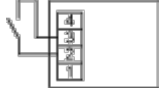
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

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

