

Product data sheet

Specifications



totalising counter - mechanical 8 digit display - 24 V DC

XBKT80000U00M

⚠ Discontinued on: Oct 1, 2021

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Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Zelio Count
Product or Component Type	Totalising counter
Display Type	Mechanical
Size	50 x 60 mm
Display digits	8 - 0.2 in (4 mm)
maximum counting frequency	25 Hz
Reset	Without
Counting capacity	0...9 999 999
Technology Type	Electromechanical

Complementary

[Us] rated supply voltage	24 V DC Us +/- 10 %
Power Consumption in W	2.5 W
Backup Time	Permanent
Counting mode	Adding
Input function	Counting
Input type	Contact
Mechanical durability	200000000 cycles
Mounting Mode	Flush-mounted
Mounting Support	Panel mounting
Connections - terminals	AMP lugs connection box)
Height	2.0 in (50 mm)
Net Weight	0.33 lb(US) (0.15 kg)
Width	2.4 in (60 mm)
CAD overall width	2.4 in (60 mm)
CAD overall height	2.0 in (50 mm)
CAD overall depth	3.7 in (94 mm)

Environment

Standards	EN/IEC 50081-2 EN/IEC 50082-2
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Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Product Certifications	cURus
IP degree of protection	IP40EN/IEC 60529
Ambient Air Temperature for Operation	14...122 °F (-10...50 °C)
Ambient Air Temperature for Storage	-4...140 °F (-20...60 °C)
Vibration resistance	5 gn (f= 10...150 Hz) conforming to EN/IEC 60068-2-6
Shock resistance	30 gn 6 ms EN/IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 60536

Ordering and shipping details

Category	US10CP218073
Discount Schedule	0CP2
GTIN	3389110739763
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.07 in (7.8 cm)
Package 1 Width	6.1 in (15.6 cm)
Package 1 Length	4.6 in (11.8 cm)
Package weight(Lbs)	6.6 oz (188 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](#)

Pro-active compliance (Product out of EU RoHS legal scope)

California proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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>mm in.</p> <p>64,2 2,53 75 2,95</p> <p>41,5 1,63</p> <p>31 1,22</p>	<p>mm in.</p> <p>38,5 1,52</p> <p>27 1,06</p>
XBKT60000U00M	
<p>mm in.</p> <p>33,7 1,33 42,3 1,67</p> <p>30 1,18</p> <p>20 0,79</p>	<p>mm in.</p> <p>27±0,1 1,06±0,003</p> <p>14,2 0,56</p>
XBKT60000U1•M	
<p>mm in.</p> <p>68 3,47 101,5 3,99</p> <p>38 1,5 50 1,97</p> <p>60 2,36</p>	<p>mm in.</p> <p>28±0,3 2±0,17</p> <p>28,5 1,16</p> <p>55 2,17</p>
XBKT80000U00M	

Counters Dimensions	Flush-Mounting

XBKT81030U33E

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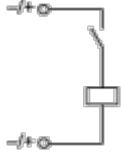
e: panel thickness, 1 mm < e < 2.5 mm / 0.039 in. < e < 0.098

Connections and Schema

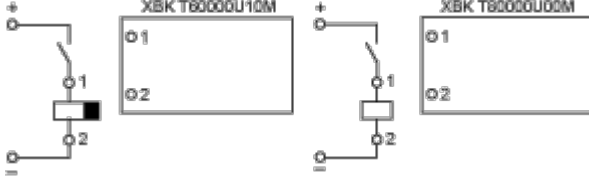
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U•M, XBKT70000U00M



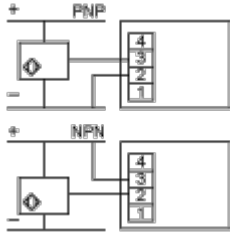
XBKT60000U1•M, XBKT80000U00M



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

