

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



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) 0.16 in (4 mm)
Maximum counting frequency	30 Hz 7500 Hz
Reset	Transistor Manual
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 ≤ 0.7 V DC Transistor PNP ≥ 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	0.11 lb(US) (0.05 kg)
CAD overall width	1.89 in (48 mm)
CAD overall height	0.94 in (24 mm)
CAD overall depth	1.57 in (40 mm)

Environment

Standards	EN/IEC 50082-2 EN/IEC 50081-2 EN 61010
IP degree of protection	IP54 conforming to EN/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	1 gn (f = 10...150 Hz) conforming to EN/IEC 60068-2-6
Shock resistance	10 gn 18 ms conforming to EN/IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 60536

Ordering and shipping details

Category	18073 - SPARE PARTS DISCOUNT I
Discount Schedule	CP2
GTIN	003389110739831
Nbr. of units in pkg.	1
Package weight(Lbs)	8.999999999999997E-2
Returnability	N
Country of origin	SK

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
- - - - - Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
- - - - - More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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Electromechanical and Electronic Totalizing Counters

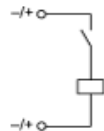
Dimensions, Flush-Mounting

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 31 1.22</p>	<p>mm in.</p> <p>38.5 1.52 27 1.06</p>
XBKT60000U00M	
<p>mm in.</p> <p>33.7 1.33 42.3 1.67</p> <p>30 1.18 20 0.79</p>	<p>mm in.</p> <p>27^{+1.1}_{-0.8} 1.06^{+0.008} 14.2 0.56</p>
XBKT60000U1•M	
<p>mm in.</p> <p>88 3.47 101.5 3.99</p> <p>60 2.36 38 1.5 50 1.97</p>	<p>mm in.</p> <p>2xØ4.3 2xØ0.17 29.5 1.16 55 2.17</p>
XBKT80000U00M	
<p>mm in.</p> <p>88 3.47 94 3.7</p> <p>60 2.36 38 1.5 50 1.97</p>	<p>mm in.</p> <p>2xØ4.3 2xØ0.17 29.5 1.16 55 2.17</p>
XBKT81030U33E	
<p>mm in.</p> <p>32 1.26 40 1.58</p> <p>48 1.89 24 0.95</p>	<p>mm in.</p> <p>45^{+1.1} 1.77^{+0.008} 22^{+1.1} 0.87^{+0.008}</p>
e: panel thickness, 1 mm < e < 2.5 mm / 0.039 in. < e < 0.098	

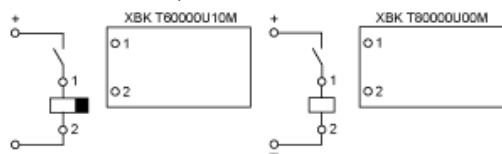
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



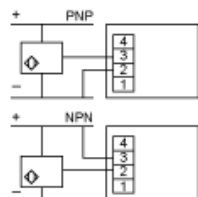
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



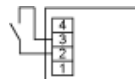
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

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

Mouser Electronics

Authorized Distributor

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