



Main

Range of product	Zelio Count
Product or component type	Totalising counter
Display type	Mechanical
Size	31 x 41.5 mm
Display digits	7 digit(s) - 4 mm in height
Maximum counting frequency	20 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	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
CAD overall width	42 mm
CAD overall height	31 mm
CAD overall depth	75 mm

Environment

Standards	EN/IEC 50081-2 EN/IEC 50082-2
Product certifications	CURus
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 Weight	93 g
Package 1 Height	4.3 cm
Package 1 width	4.8 cm

Package 1 Length	9.2 cm
Unit Type of Package 2	S02
Number of Units in Package 2	24
Package 2 Weight	2.724 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
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

Contractual warranty

Warranty	18 months
----------	-----------

Electromechanical and Electronic Totalizing Counters

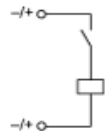
Dimensions, Flush-Mounting

Counters Dimensions	Flush-Mounting
XBKT50000U••M, XBKT70000U••M	
mm in. 64.2 2.53 75 2.95 41.5 1.63 31 1.22	mm in. 38.5 1.52 27 1.06
XBKT60000U00M	
mm in. 33.7 1.33 42.3 1.67 30 1.18 20 0.79	mm in. 27^{+1.1}_{-0.8} 1.06^{+0.008}_{-0.006} 14.2 0.56
XBKT60000U1•M	
mm in. 88 3.47 101.5 3.99 60 2.36 38 1.5 50 1.97	mm in. 2xØ4.3 2xØ0.17 29.5 1.16 55 2.17
XBKT80000U00M	
mm in. 88 3.47 94 3.7 60 2.36 38 1.5 50 1.97	mm in. 2xØ4.3 2xØ0.17 29.5 1.16 55 2.17
XBKT81030U33E	
mm in. 32 1.26 40 1.58 48 1.89 24 0.95	mm in. 45^{+1.1} 1.77^{+0.008} 22^{+1.1} 0.87^{+0.008}
e: panel thickness, 1 mm < e < 2.5 mm / 0.039 in. < e < 0.098	

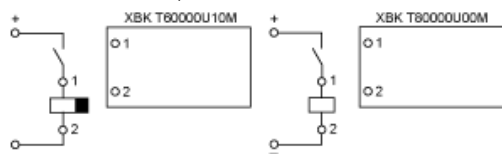
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



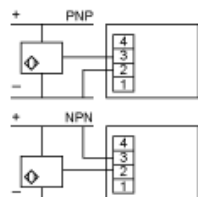
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



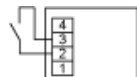
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

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