



Main

Range of product	Zelio Count
Product or component type	Totalising counter
Display type	Mechanical
Size	50 x 60 mm
Display digits	6 - 0.16 in (4 mm)
Counting frequency	25 Hz
Reset	Manual
Counting capacity	0...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	1.97 in (50 mm)
Net weight	0.33 lb(US) (0.15 kg)
Width	2.36 in (60 mm)
CAD overall width	2.36 in (60 mm)
CAD overall height	1.97 in (50 mm)
CAD overall depth	4.02 in (102 mm)

Environment

Standards	EN/IEC 50082-2 EN/IEC 50081-2
Product certifications	CURus
IP degree of protection	IP40 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	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 IEC 60536

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.

Electromechanical and Electronic Totalizing Counters

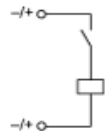
Dimensions, Flush-Mounting

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

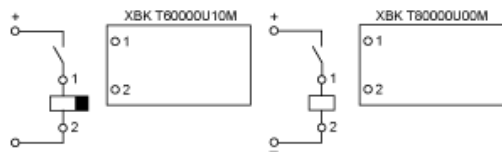
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



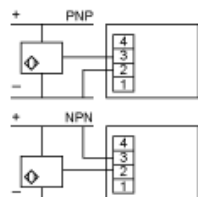
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



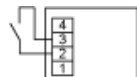
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

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