

Product data sheet

Specifications



totalising counter - mechanical 8 digit display - 24 V DC

XBKT80000U00M

! Discontinued on: 01 October 2021

! Discontinued

Main

Range of product	Zelio Count
Product or component type	Totalising counter
Display type	Mechanical
Size	50 x 60 mm
Display digits	8 digit(s) - 4 mm in height
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	50 mm
Net weight	0.15 kg
Width	60 mm
CAD overall width	60 mm
CAD overall height	50 mm
CAD overall depth	94 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 Height	7.8 cm
Package 1 Width	15.6 cm
Package 1 Length	11.8 cm
Package 1 Weight	188 g

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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

Contractual warranty

Warranty	18 months
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Electromechanical and Electronic Totalizing Counters

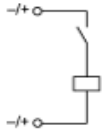
Dimensions, Flush-Mounting

Counters Dimensions	Flush-Mounting
<p>XBKT50000U••M, XBKT70000U••M</p>	
<p>XBKT60000U00M</p>	
<p>XBKT60000U1•M</p>	
<p>XBKT80000U00M</p>	
<p>XBKT81030U33E</p>	
<p>e: panel thickness, 1 mm < e < 2.5 mm / 0.039 in. < e < 0.098</p>	

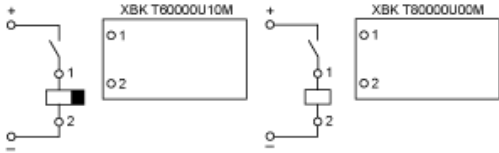
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



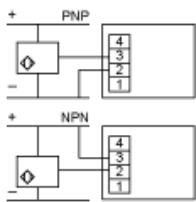
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



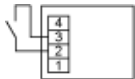
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

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

Recommended replacement(s)