



### Main

Range of product	Zelio Count
Product or component type	Totalising counter
Display type	Mechanical
Size	50 x 60 mm
Display digits	6 digit(s)
Counting frequency	10 Hz
Reset	Manual
Counting capacity	0...999999
Technology type	Electromechanical

### Complementary

[Us] rated supply voltage	115 V AC (Us +/- 10 %) at 50/60 Hz
Power consumption	2.75 VA
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 on connection box
Height	50 mm
Product weight	0.03 kg
Width	60 mm
Product destination	Cable
Character size	4 mm

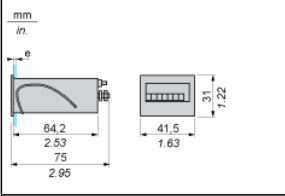
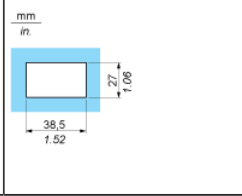
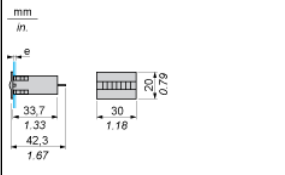
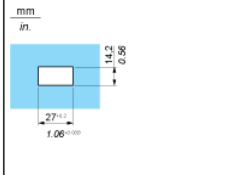
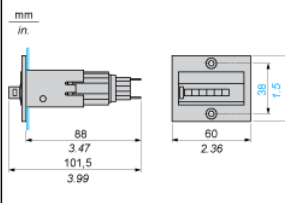
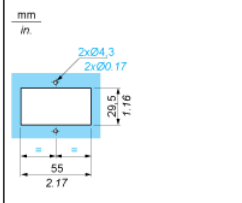
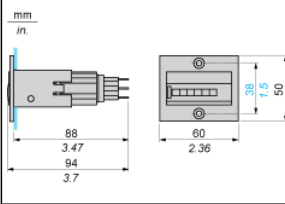
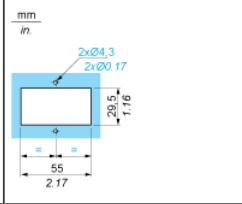
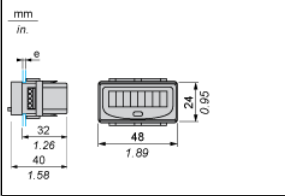
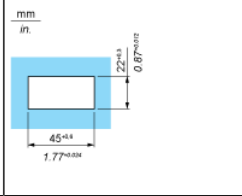
### Environment

Standards	EN 50081-2 EN 50082-2
Product certifications	CUR
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
Class of protection against electric shock	Class II conforming to IEC 60536

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Electromechanical and Electronic Totalizing Counters

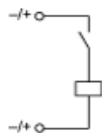
Dimensions, Flush-Mounting

Counters Dimensions	Flush-Mounting
XBKT50000U••M, XBKT70000U••M	
 <p>mm in.</p> <p>e</p> <p>64,2 2,53 7,5 2,95</p> <p>41,5 1,63</p> <p>31,1 1,22</p>	 <p>mm in.</p> <p>38,5 1,52</p> <p>27 1,06</p>
XBKT60000U00M	
 <p>mm in.</p> <p>e</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>14,2 0,56</p> <p>27<sup>+0,1</sup> 1,06<sup>+0,003</sup></p>
XBKT60000U1•M	
 <p>mm in.</p> <p>88 3,47 101,5 3,99</p> <p>60 2,36</p> <p>38 1,5 50 1,97</p>	 <p>mm in.</p> <p>2xØ4,3 2xØ0,17</p> <p>29,5 1,16</p> <p>55 2,17</p>
XBKT80000U00M	
 <p>mm in.</p> <p>88 3,47 94 3,7</p> <p>60 2,36</p> <p>38 1,5 50 1,97</p>	 <p>mm in.</p> <p>2xØ4,3 2xØ0,17</p> <p>29,5 1,16</p> <p>55 2,17</p>
XBKT81030U33E	
 <p>mm in.</p> <p>e</p> <p>32 1,26 40 1,58</p> <p>48 1,89</p> <p>24 0,95</p>	 <p>mm in.</p> <p>45<sup>+0,4</sup> 1,77<sup>+0,016</sup></p> <p>22<sup>+0,3</sup> 0,87<sup>+0,012</sup></p>
<p>e: panel thickness, 1 mm &lt; e &lt; 2.5 mm / 0.039 in. &lt; e &lt; 0.098</p>	

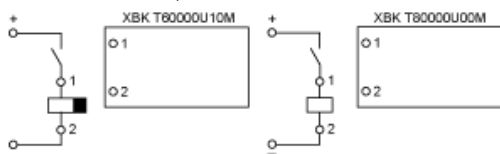
Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



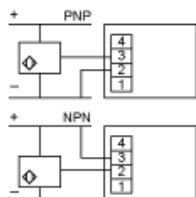
XBKT60000U1•M, XBKT80000U00M



Counters with LCD Display, Lithium Battery Supply

XBKT181030U33E

PNP Transistor, NPN Transistor



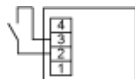
- 1: Keylock
- 2: 0 V
- 3: Count
- 4: Reset

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