



## 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) - 4 mm in height |
| Maximum 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                    | 50 mm                     |
| Net weight                | 0.15 kg                   |
| Width                     | 60 mm                     |
| CAD overall width         | 60 mm                     |
| CAD overall height        | 50 mm                     |
| CAD overall depth         | 102 mm                    |



## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 50082-2<br>EN/IEC 50081-2                     |
| 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             | 12 cm   |
| Package 1 Weight             | 192 g   |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| EU RoHS Directive          | Pro-active compliance (Product out of EU RoHS legal scope)  |
| Mercury free               | Yes   |
| China RoHS Regulation      |  <a href="#">China RoHS Declaration</a>  |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

## Contractual warranty

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

Electromechanical and Electronic Totalizing Counters

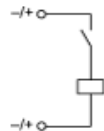
Dimensions, Flush-Mounting

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

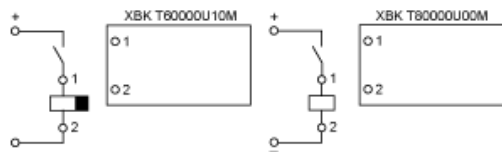
## Wiring Diagrams of Electromechanical and Electronic Totalizing Counters

### Counters with Mechanical Display

XBKT50000U••M, XBKT70000U00M



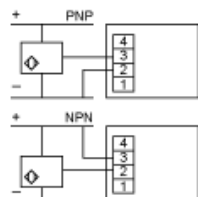
XBKT60000U1•M, XBKT80000U00M



### 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