

## Magnetic contact detector

**SZ-MCT** device is a magnetic contact *door/window sensor* that operates on the basis of wireless technology.

The module can operate in any “*Eltex-SC*” network with certified devices of any other producers.



## Technical features

|   | SZ-MCT                     |
|---|----------------------------|
| Signal frequency  | 869 MHz                    |
| Signal range  | up to 30 m (in a building) |
| Distance (between the detector and the magnet) of “Alarm” signal generation | 25 mm and more             |
| Distance of “Norm” condition retrieval                                      | 15 mm and less             |
| Maximum length of signaling loop line                                       | 2 m                        |
| Power battery   | lithium battery CR123A, 3V |
| Current consumption excluding communication module                          | 10 µA max                  |
| Enclosure class   | IP40                       |
| Dimensions  | 109×32×27.5 mm max         |
| Dimensions of IO102-32 “POLYUS-2” magnet                                    | 56.5×18×15.7 mm max        |
| Weight including power battery  | 80 g max                   |
| Weight of IO102-32 «POLYUS-2» magnet  | 10 g max                   |
| Service life  | 10 years                   |
| Operating temperature   | -10...+55 °C               |
| Operating humidity at +40 °C  | 93% max                    |
| Maximum RF strength   | +6 dBm                     |

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### About EltexAlatau

**EltexAlatau** company is one of the first communication equipment manufacturers in Kazakhstan established in 2012. The main focus of the enterprise is a set of solutions and the opportunity of their seamless connection to the customer's infrastructure.