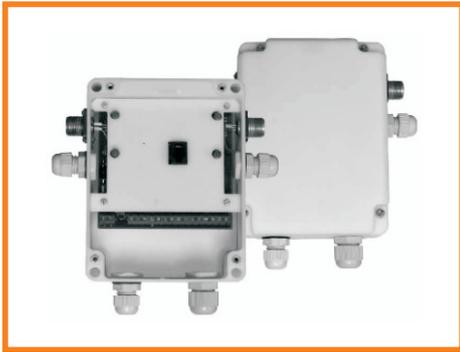


NEW PRODUCT

Triboelectrical Sensors "FORTEZA TRIBO-M"



Purpose and general information

Intended for the protection of any types of fences from an intrusion by means of climbing over or destroying them.

Protected objects:

- barb wire barrier, coil AEE, mesh wire NNOI,
- wooden, brick, ferroconcrete, steel barrages;
- metal grates;
- roofs of buildings, hangars, gates;
- trees growing close to the protected barriers.

Features:

Four deformation sensitive element with individual settings using a personal computer.

Save settings Forteza Tribo-M in nonvolatile memory.



Specifications

The length of overseas blocked one set of vibration detection means Forteza Tribo-M up to 500 meters (two flanks of the two lines of 250 m).

Height of the fence:

Power Forteza Tribo-M carried out by a separate DC power supply with a rated voltage of 9 to 36 V.

Deformation detector Forteza Tribo-M survive in the range of supply voltages from 9 to 36 V.

Consumption current product (without the receive-control (AUC)) at a voltage of 12 V, max 100 mA.

Vibratory detection tool Forteza Tribo-M maintains performance under the influence of these climatic factors:

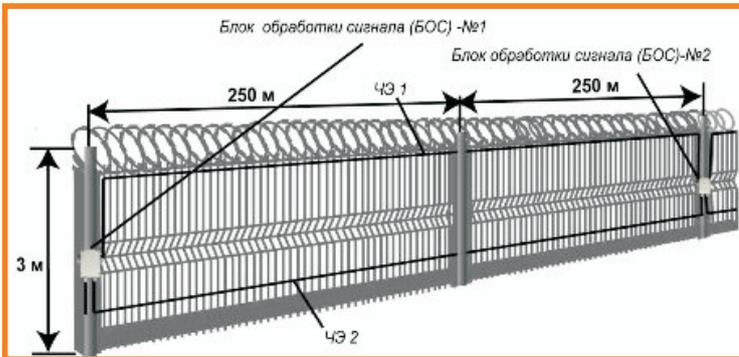
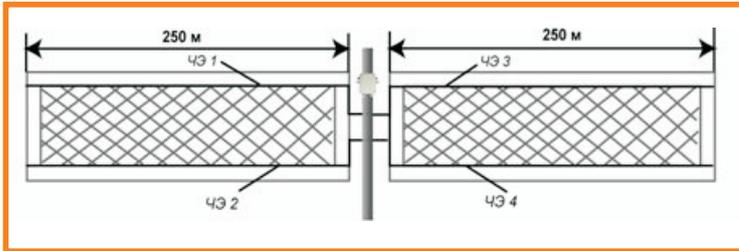
- Ambient temperature from minus 40 ° C to plus 50 ° C;
- Relative humidity up to 98% at a temperature of 35 ° C.

The detector generates a notice of anxiety in dealing with the offender being blocked by the turn of the stile over the top of the fence without improvised, with mandatory effect on him, or using the stairs.

The product forms a notice of failure by increasing or decreasing the resistance of the sensitive element (Jae) with respect to its nominal value, as well as breakage or short circuit Jae.

The product forms a notice of unauthorized access to a special (fifth) channel, if you open the lid sensor.

Time of technical readiness of products to work after power, not with bolee30.



Length notice of anxiety, from 0,1 c to 9,9 with.

The recovery time of a product after the formation of a notice of anxiety, no more than 20 seconds.

The detector is functional and does not generate false alarms when:

- movement of a group of people (up to five people) at a distance of at least 1 m from the fence;
- movement of road transport of up to 5 tons along the fence at a distance of not less than 20 m;
- movement along the rail fence at a distance not less than 100 m;
- wind loads when wind speed up to 20 m / s (gusts up to 25 m / s);
- precipitation in the form of rain intensity up to 40 mm / h, snow and hail intensity (in terms of water) to 10 mm / h, increasing to a maximum value over time, not less than 2 minutes;
- the presence of crossing transmission lines with voltage of 110 kV with a height of suspension wires not less than 15 m;

Work VHF radios power up to 5 W at a distance not less than 2 m from Jae;

- flying planes and helicopters at a height of not less than 100 m;
- electromagnetic and acoustic interference in the storm;
- single mechanical effects on the barrier (stick, ball, stone, etc.);
- product is resistant to exposure to precipitation, solar radiation, dynamic dust.

Mean time between failure of the product - 10000 hours

The probability of detection of wrongdoing, not less than 0,95.

The product provides the Degree of protection of a shell from an environmental protection IP-65

