Two-wire detector
Forteza Relief

WHAT IS IT?

Perimeter security systems used to guard the surrounding territory of the object. The intruder will be detected before the entering in to the important object surrounding territory. Security officer will arrive before the intruder commits a crime.

WHERE IS IT USED?

System can be used to guard factories, warehouses, airports, car parks, building lots and private territories.
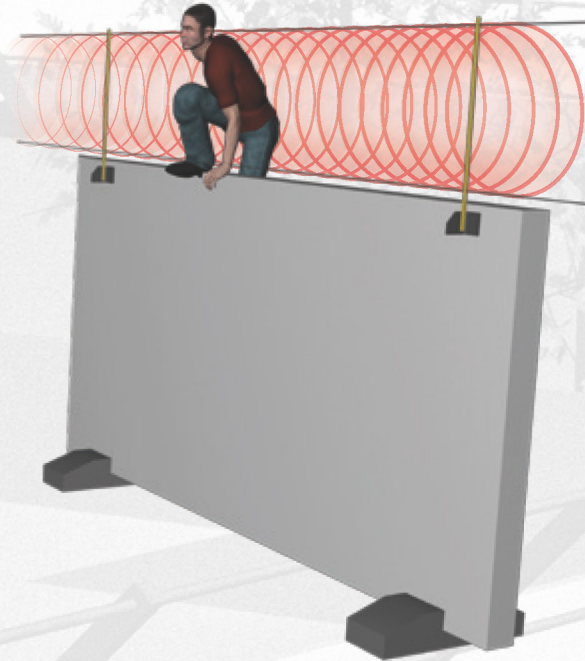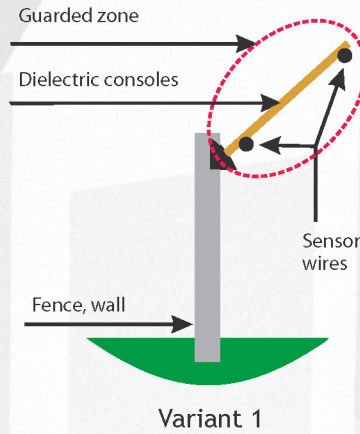
HOW DOES IT WORKS?

principle of the detector operation is to generate a volumetric detection zone between two insulated wires. The transmitter is connected to the wire end, the receiver is connected to the other end. Detector will generate an alarm signal when intruder crosses the zone between two wires.

WHY TO CHOOSE IT?

• If compared to IR and Microwave systems Forteza Relief can be used on hilly terrains or perimeters of the irregular form.

• Perimeters up to 250 m can be guarded using single set of Forteza Relief detectors.

Types of installation:

Guarded zone

Dielectric consoles

Sensor wires

Fence, wall

Variant 1

Detector controller

Defence zone

250 m

Variant 1

1 m

FORTEZA RELIEF DETECTORS WILL NOT GIVE FALSE ALARM ON:

• rain, snow;
• fog;
• lightning;
• small animals;
• various vegetation.

MAIN TECHNICAL CHARACTERISTICS:

Zone length	25 - 250 m
Zone height (peak variant)	0,8 - 1 m
Power source	10 - 30 V DC
Current	<50 mA
Temperature range	-40°...+65°C
Alarm output	dry relay contact (130 Ω)
Compatibility	Any alarm control panel