

Quality

Experience

Innovation



PERICOILACTIV

**Electrified Sensor Concertina (cut off detection and electrified)
The association of PERICOIL technology and high voltage electrification
makes a complete solution product. It becomes a successful product in the
defense field due to its deterrent and repulsive aspect.**

Adapted to all type of support, wall and fence.

Cut off and attempt crossing detection

High voltage electrical repulsion

Reliability: Very low rate of false alarms

Deterrent and great durability



OREP

Description

PERICOILACTIV is an electrified concertina that detects when there is a cut off. PERICOILACTIV combines the concertina deterrent aspect and the detection technology of the PERISTOP® and high voltage electrical repulsion. Concertina rolls are constituted with a PERISTOP® wire detection in stainless steel and an inside coil wire electrified maintained by insulators every 120°. The energizer has a high voltage mode and a low-voltage mode.

Three types of detection are possible:

- ✓ Detection when there is a contact with an electrified wires
- ✓ Cut off power line or sensor razor wire
- ✓ Line failure, grounding or insulation

PERICOILACTIV is dreadful when it is associated to detections bent arms that allow detecting climbing tentative. High security applications are associated to PERICOILACTIV rolls in order to create a stronger detection fence

Features

- ✓ Finish - Galvanized steel, stainless steel 430, 304L or 316L (Seaside)
- ✓ Single or dual rolls - Diameter: 450/690/700/730/950 mm
- ✓ Blade types: Standard blade bayonets 22 mm (also available in 10/25/28 mm)
- ✓ 55 windings per roll 3 or 5 staples by winding
- ✓ Stretch recommended 8 m (10 m maximum)
- ✓ Sensor wire - wire sensor PERISTOP® stainless steel 3mm
- ✓ Insulation of the electrical loop ETFE sheath (tefzel)
- ✓ Connectors with waterproof splices B-B
- ✓ Electrified Wire
 - 3mm galvanized wire
 - Diameter around 320 mm
 - The distance between the coil and the electrified concertina = 15cm
- ✓ Isolator bracket "Poly acetyl" (POM) gray - Insulation 30,000 V - UV Treatment



Advantages

- ✓ Significant deterrent power
- ✓ Significant timer delay
- ✓ Detection on cut off - Alarm before penetration
- ✓ Control of the insulation and shunt detection attempts
- ✓ Invisible detection system
- ✓ Insensitivity to weather
- ✓ Very low rate of false alarms
- ✓ Modularity and scalability of alarm zones
- ✓ Possibility to equip the access (PERIGATE)
- ✓ Low maintenance, easy and fast

Application and References

Electric Power Station - Nuclear Center - Nuclear Power Station - Gas Compression Station - Research Laboratory - LNG Terminals - Petrochemical Sites - Jail - Prisons - Army Bases...

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