Storm and Flashes detector

AFV3000DF

Storm detector :



- ✓ Autonomous local detector, field windmill
- ✓ Patented
- ✓ Measures in real time the electrostatic field variations
- ✓ Gives the high probability of an imminent storm with a local risk of lightning strike
- ✓ Measure reach : 10 to 30 km around the site
- ✓ Warns before the 1st impact on the zone
- ✓ Can be coupled with safety devices: selector, alarm,
- ✓ It is composed of :
  - o A measure head, which is installed on a mast.
  - o A control and main power supply unit which is installed on the wall.
- ✓ The control unit allows :
  - o The measure head and unit main power supply (connect on a 220 V network).
  - o The visualization of the alarms with signals.
  - o The adjusting of the alarms thresholds.
  - o The alarms return from 5 terminals.
  - o The connection to a computer connector SUBD9.
  - o A RS485 serial junction.

- ✓ Easy to install
- ✓ Easy to operate. No CEM obligations
- ✓ Fully operating with parameters
- ✓ Can be guided at distance with computer

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Flashes Detector :



- ✓ Used to prevent from a lightning imminent risk
- ✓ Delivers an alarm regarding to an electromagnetic field
- ✓ Measure reach from 5 to 10 km
- ✓ The reception antenna detects the electromagnetic perturbations generated by the storms. It is connected to the unit control with a blinded cable.
- ✓ The unit control, modular, is installed on DIN rail.
  It allows:
  - The antenna reception main power supply,
  - Signals treatment coming form the reception antenna,
  - The permanent display of the risk level (luminous scale),
  - Alarm and pre alarm threshold adjusting,
  - Battery control,
  - Alarm control,
  - The control of the alarm and pre alarm signals with dry contacts for report at distance