

MONITORING DEVICE



Complete measuring box or board for the monitoring of a new or already commissioned underground substation (MV/LV Transformer and distributor panel). Mobile unit for measuring and monitoring a substation.

Main characteristics

These monitoring systems with a measurement and metering unit provide LV distribution network operators with access to the following information:

- Local monitoring of instant values, averages over 10 minutes and maximums over U and I
- Recordings of maximums over all amounts
- Monitoring of load imbalances
- Monitoring of overloads on the transformer
- Metering function
- Temperature measurement
- Alarms (on disconnection, on exceeding the threshold, blown fuse and more)
- Detection of open doors, presence of water in the substation
- Communication of alarms and data (GSM, GPRS module)

Main features :

- Insulating boards or polyester boxes, whose dimensions and shapes vary according to the measurement device and the user's expressed needs
- They may optionally be equipped as follows:
 - With the pre-connected measurement device that has been factory programmed and calibrated to create a device ready to be installed and commissioned
 - Without measuring equipment to let the user manage the measurement and metering devices separately

3 available versions:

- Monitoring box without measuring equipment (with standby U and I links)
- Monitoring box with a multi-functional measurement unit(s)
- Current voltage or Rogowski sensors (to be defined as needed)

Advantages

- Configurable product according to the customer's specifications

Usos

- Farming companies
- Integrators
- Engineering firms

