

TensionTec



Moralejo Técnica S.L

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Moralejo
TÉCNICA S.L.

This device detects the fall of a general electrical switch and therefore the lack of power supply downstream in the electrical installation that is being monitored. In addition, it detects the thermal jump of a motor protection (motor protection switch).
Imagine an electrical panel for a pump with an automatic switch and thermal protection for the pump motor. If the thermal trips, but not the automatic one, the pump stops working and you will receive notification of the incident on your phone. In the same way, if the main switch falls due to a short circuit or electrical overconsumption or whatever reason, you would also receive a notification.

General

- Configurable sampling time (default: 30 min.)
- Does not require recalibration or maintenance.
- Commissioning, easy and fast.

Applications

- Control of electrical installations.
- Circuit breaker drop detection.
- Motor protection switch fall detection.

Electrical characteristics

- Electrical power supply: 2 serial batteries Li-soc12.
- Tension: 7,20 Volts.
- Capacity: 14400 mAh.
- Consumption :
 - < 150mA Active.
 - < 25uA Idle.

Equipment measurement

- Automatic magneto-thermal switch.
- Motor protector.

Wireless communications

- 2G/3G/4G with SIM card.
- The antenna is external with gain -3 dB.

work environment

- Temperature: -30°C to +80°C.
- Humidity: 10% to 90% RH.

Wired communications

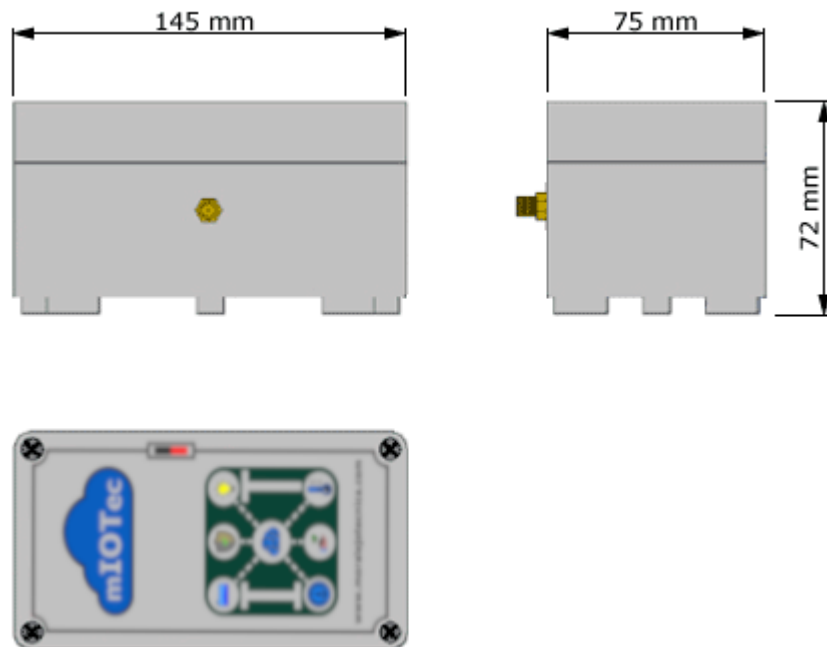
- RS-485 port.
- RS-232 port.

Connectivities



- Our devices are available with different connectivity technologies.
- Choose the one that best suits your needs or let us advise you.
- Sigfox communications.
- LoRa communications.
- 2G/3G/4G, SIM card.
- NB-IOT.

Physical properties of the box



Protection index	IP-67
Height	72 mm
Width	145 mm
Depth	75 mm
Weight	600 gr



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