

RS2000 Sensor SF Tri-BT

ref. 100.0174.00

Communication Solution for Smart Management of Low Voltage Power Failure Sensing.

Sensor SF Tri-BT communication module uses IoT communication technology that enables efficiency, high availability and assurance in remote and continuous low voltage power failure sensing.

Power failure data are available via **DNP3 protocol**.

Installation does not require interruption in power supply and/or electrical contact.

Through three-phase monitoring, the **Sensor SF Tri-BT** emits an alert in the event of power failure in any of the phases, as well as another alert when power is restored. Remote sensing can be performed at points such as:

Industrial Facilities, Commercial Complexes, Houses, Condominiums, Neighborhoods and Cities, in addition to crucial points in the utility company's distribution system.



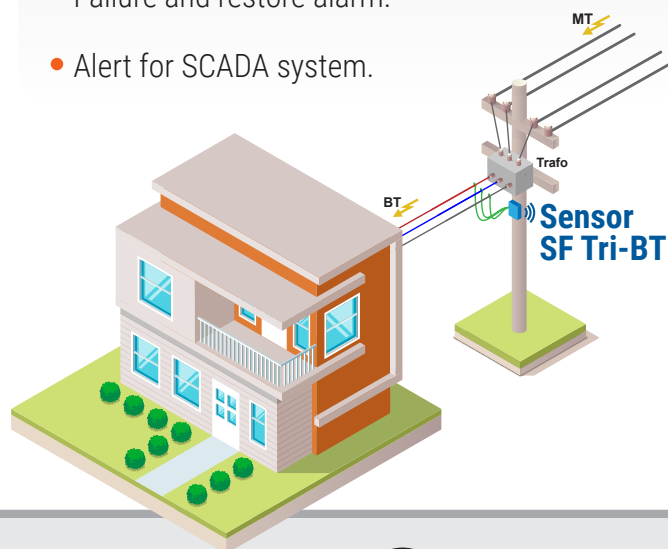
Solution approved by **ANATEL**.

Communication Technology

Sigfox communication technology for data transmission, regardless of network infrastructure, with compressed and optimized radio protocol. Software-based communication solution.

Characteristics:

- Embedded intelligence for automatic data collection.
- Plug & Play Technology.
- Long-range Technology.
- Easy coverage of extensive geographic areas.
- Low energy consumption.
- Low cost data transmission.
- Low deployment cost.
- Operates indoor and outdoor.
- Multiple manufacturer approach.
- Without interrupting the live line.
- Failure and restore alarm.
- Alert for SCADA system.



Technical Specification

Transmission Technology	SIGFOX
Input/output ports	3 phase sensors.
Antenna	Indoor / Outdoor
Average consumption in <i>sleep mode</i>	0.033mW
Average operating consumption	165mW
Power Supply	Primary Lithium Ion 3.6VDC 2400 mAh Battery
Operating temperature	0 °C to +70 °C
Dimensions	131,5 x 48,6 x 69,9 mm (WxHxD)
Weight	120 g
IP Code	IP65

Technical Design

