

RS2000 Z-Tri Smart Direct

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Z-Tri Smart Direct Features

RS2000 Z-Tri Smart Direct collects data from direct three-phase meters through serial communication via ABNT standard optical port or IrDA and transmits them via Zigbee to a data concentrator.

- Reading and transmitting data from three-phase meters with ABNT standard communication or IrDA output via MESH Network.
- Relay for power supply connect & disconnect to single-phase consumers up to 250V / 100A.
- Security in data transmission, present in the RF communication protocol with 128-bit cryptographic key.
- Powered by AC voltage between 85 and 264 VAC.
- Differential current alarms for fraud detection.

Data Transmitters from CAS Tecnologia

Designed to offer connectivity to the most varied types of businesses, adding remote communication to different equipment. Enables efficient remote management, control, monitoring and supervision.

RS2000 Line of Data Transmitters from CAS Tecnologia feature end-to-end communication technologies via Radio or Mesh Network, enabling local or short-distance communication to the concentrator at low cost.

Technical Specification

Transmission technology	Zigbee
Connector A	8 Brass Connectors for Phase and Neutral input and output
Connector B	Female RJ45 connector for configuration
Connector C	Male DB9 connector for reading from ABNT / IEC / IrDA meters (with appropriate cables)
Connector D	2-way port sensor Connector Block
Frequency	2,400~2,480 MHz
Maximum output power	67mW
Antenna	Internal
Average consumption	3.5W at 127VAC
Power Supply	85~264VAC
Operating temperature	0°C to +70°C
Sizes	295 x 192 x 46.5 mm
Weight	1435 (with A1052 meter coupled)
IP Code	IP50W

Technical Design

