



RS-485 CONVERTER FOR MICRO USB

CATALOGUE

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INTRODUCTION

The Converters are designed for the interface between PC and the ANSI/TIA/EIA-485-A two-wire serial communication bus (Half Duplex). The interface with the PC is through a USB port.

By plugging the converter into the PC's USB it is automatically detected and installed as a native COM port.

The Converters were built in compliance with strict quality standards and use state-of-the-art electronic components (SMD), their hardware was designed to withstand severe working conditions, and can be installed directly in power substation panels. Meets the levels of demands, supportability and reliability according to IEC, DIN, IEEE, ABNT standards.

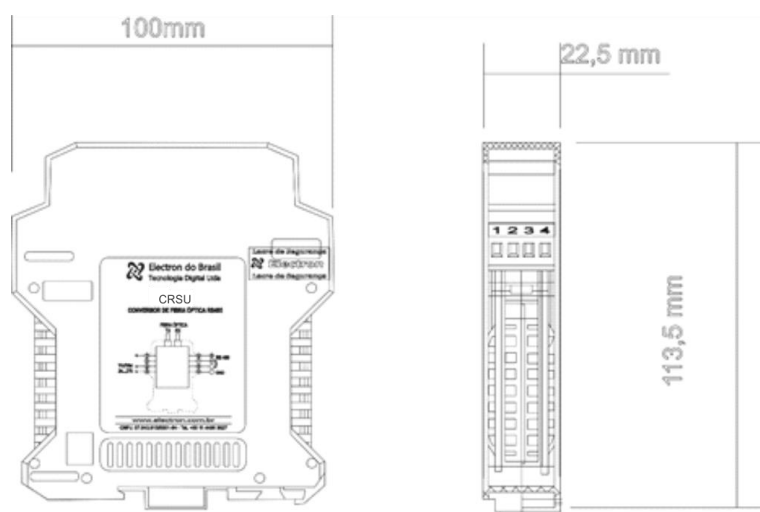
MAIN CHARACTERISTICS

- Compact housing with 22.5x100x113.5 mm in ABS for DIN rail 35 mm;
- Powered by USB port < 200 mA;
- Communication speed from 1,200 to 115,200 bps;
- Maximum cable length 1,200 m;
- Indication with LED's of on, transmission, data reception and link;
- Transmission Mode: Half Duplex;
- Maximum number of devices on the network of 32;
- Interface with USB 2.0 Plug and Play computer;
- USB connection with Micro-B connector;
- Internal 120 Ohms termination resistor, jumper-enabled;
- RS485 bus protection: $\pm 30\text{kV}$ ESD. Very robust three-stage protection;
- Resistant to lightning strikes and damage caused by electrostatic discharge;
- Resistant to EMI/RFI and current surges, ideal for data communications near transformers, heavy electrical equipment, and other electrical or radio interference;
- 2.5kV / 60Hz / 1 minute isolation between USB and bus;
- Easy installation and use;
- 2 years warranty;

OPTIONAL FEATURES

- 4kV / 60Hz / 1 minute isolation between USB and power;
- 2kV / 60Hz / 1 minute isolation between busbar and power;

DIMENSIONS



CONNECTION DIAGRAM

