

# CATALOG

## MICRO USB SERIES B FOR 2-WIRE RS485



## SUMMARY

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INTRODUCTION .....	Erro! Indicador não definido.
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OPTIONALS FEATURES.....	Erro! Indicador não definido.
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CONNECTION DIAGRAMS.....	Erro! Indicador não definido.
ORDER SPECIFICATIONS .....	Erro! Indicador não definido.

## INTRODUCTION

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

When connecting the converter to the PC USB it is automatically detected and installed as a native COM port.

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

## MAIN FEATURES

- Compact housing with 22.5x100x113.5 mm in ABS for 35 mm DIN rail;
- Power from USB port < 200 mA;
- Communication speed from 1,200 to 115,200 bps;
- Maximum length of cables 1,200 m;
- LED indication of power on, transmission, data reception and link;
- Half Duplex transmission mode;
- 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 Ohm terminating 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 heavy electrical equipment transformers and other electrical or radio interference;
- 2.5kV / 60Hz / 1 minute isolation between USB and bus;
- Easy installation and use;
- 2 years warranty;

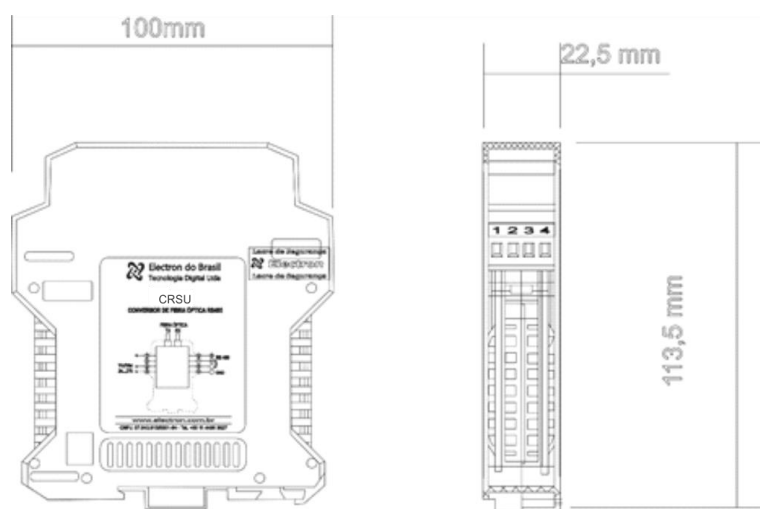
### Optional:

- Output for auxiliary power supply of 2W, 5VDC or 12VDC or 24VDC with Universal Power Supply 24 to 275Vdc/Vac (optional);

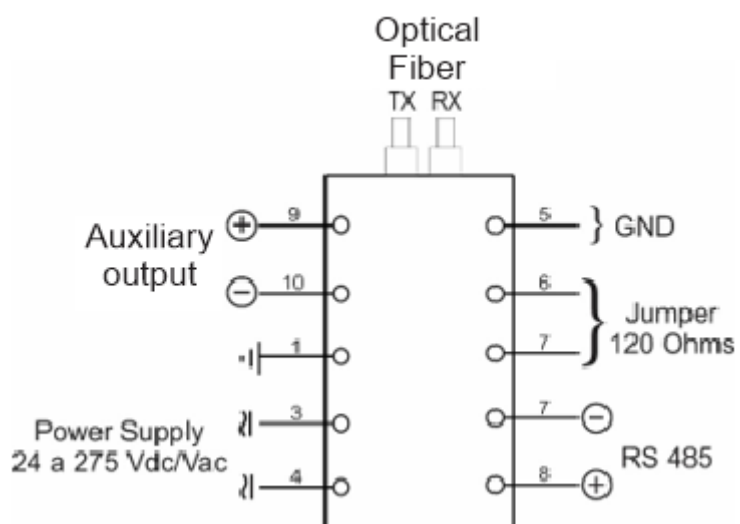
## OPTIONALS FEATURES

- 4kV / 60Hz / 1 minute isolation between USB and power supply;
- 4kV / 60Hz / 1 minute isolation between auxiliary power and USB;
- 1.5kV / 60Hz / 1 minute isolation between auxiliary power and busbar;
- 3.5kV / 60Hz / 1 minute isolation between auxiliary power and power supply;
- 2kV / 60Hz / 1 minute isolation between bus and power supply;

## DIMENSIONS



## CONNECTION DIAGRAMS



## ORDER SPECIFICATIONS

