4 kV isolated
RS-232 Transceiver

RS-232 Isolator

Datasheet
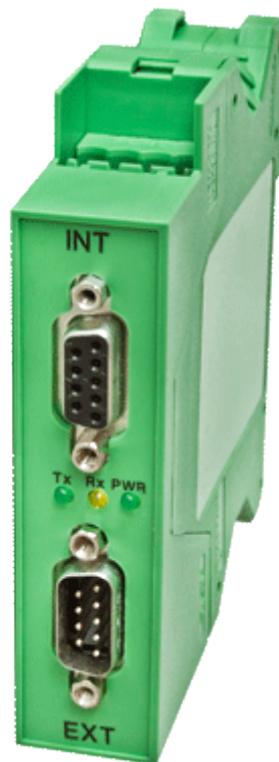
Edition July 2013
Version V1.1

Technical Data

General
- 4 kV RMS galvanic isolation
- 15 kV ESD protection

Serial Interface for the PC
- RS-232 DCE, pin assignment with
  TxD, RxD, RTS, CTS, DTR, DSR, DCD and GND
- 9-pin D-sub female connector
- Baud rate: up to 230 kbps
- Parity: none, even, odd, mark, space
- Data bits: 5,6,7,8 bits
- Stop bits: 1, 1.5, 2 bits
- Flow control: RTS/CTS, XON/XOFF, none

Serial Interface for the Data Communication Equipment
- RS-232 DTE, pin assignment with
  TxD, RxD, RTS, CTS, DTR, DSR, DCD and GND
- 9-pin D-sub male connector
- Baud rate: up to 230 kbps
- Parity: none, even, odd, mark, space
- Data bits: 5,6,7,8 bits
- Stop bits: 1, 1.5, 2 bits
- Flow control: RTS/CTS, XON/XOFF, none

Diagnostic LEDs
- Power
- Transmit and receive LEDs for the RS-232 interfaces

Supply Voltage / Power Consumption
- 24 V DC (not scope of delivery)
- 1 W max.

Operating Environment
- Extended temperature range from -40° C to +85° C
- Relative humidity: 5 % to 95 % non-condensing

Standards
- IEC 61850-3

Housing
- Plastic housing, including clip for mounting on a 35 mm DIN-Rail
- Internal bus connector (optional)

Dimensions
- 22,5 x 99 x 92 mm (W/H/D)

Weight
- 0,1 kg

Note: Differences to the delivered type are possible.