



STC-xxx

transmission starcouplers

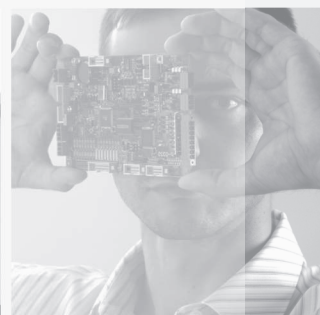
STC transmission starcouplers have been designed for systems in which it is necessary to communicate with many secondary devices operated by means of one or two primary channels. One of them is main and the other - reserve. STC devices may operate in several modes of a standard serial transmission multiplexer as well as in more advanced modes which enable transmission monitoring and supervising.

These devices may be equipped with a built-in Ethernet 100MB network interface in twisted-pair or fiber-optic standard. Such a network connection allows to create one, extended system comprising devices of great variety, e.g. protections, recorders, object controllers.

STC devices are configured using the special software Win STC, running under MS Windows® operating system. The program is supplied together with the device.

STC devices are manufactured in enclosures for DIN rail mount or a RACK 19". In the STC-1xx version the device operation status and transmission status in channels are signalized by LEDs in the front panel of the device. In the STC-2xx version all parameters are displayed on the LCD screen. This version is also equipped with a telephone modem for remote operation monitoring and parameterizing. The STC-3xx version may be operated and supervised by means of TCP/IP 10/100 MB network, in TP or FO version.

STC devices are equipped with an integrated AC/DC power supply unit which provides all voltages necessary for correct operation.



STC-xxx in enclosure for a RACK 19"

■ STC-211 front view

version with LCD terminal and internal modem

Modem LED signalization



LCD terminal

Telephone line for internal service modem

Device state LED signalization

RS-232 transmission LED signalization

RS-232 configuration connector

■ STC-311 front view

version with ETHERNET network

RS-485 transmission connector

Device state LED signalization



RS-232 configuration connector

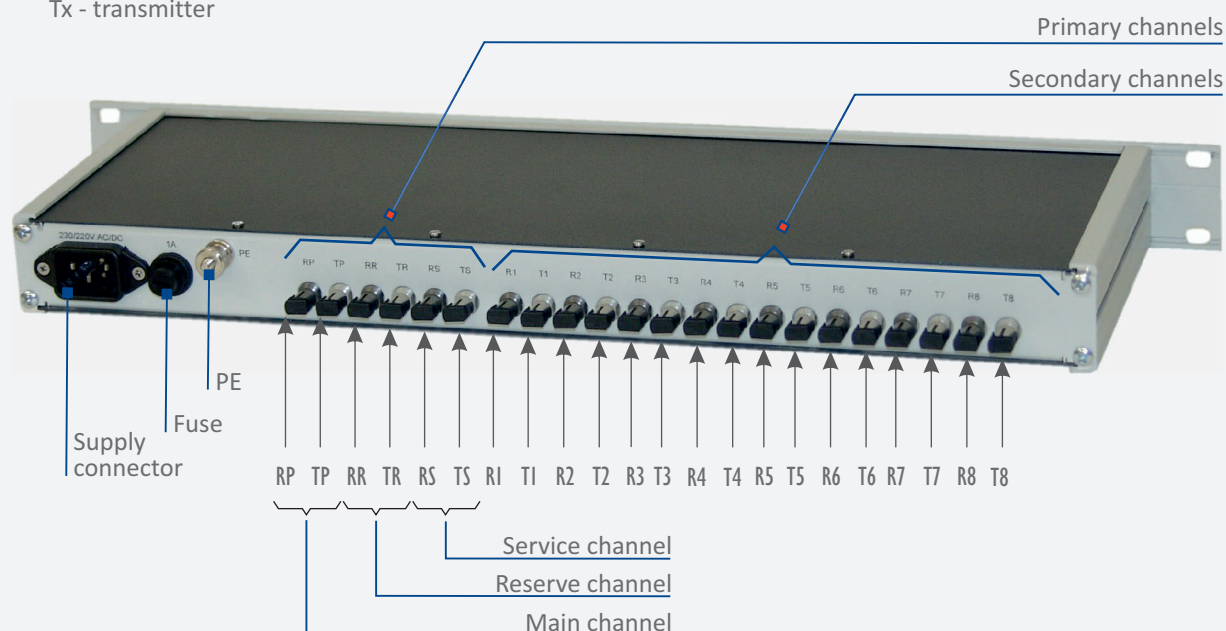
Transmission signalization

Ethernet 10/100Base-TX

■ STC-211 and STC-311 rear view

Rx - receiver

Tx - transmitter

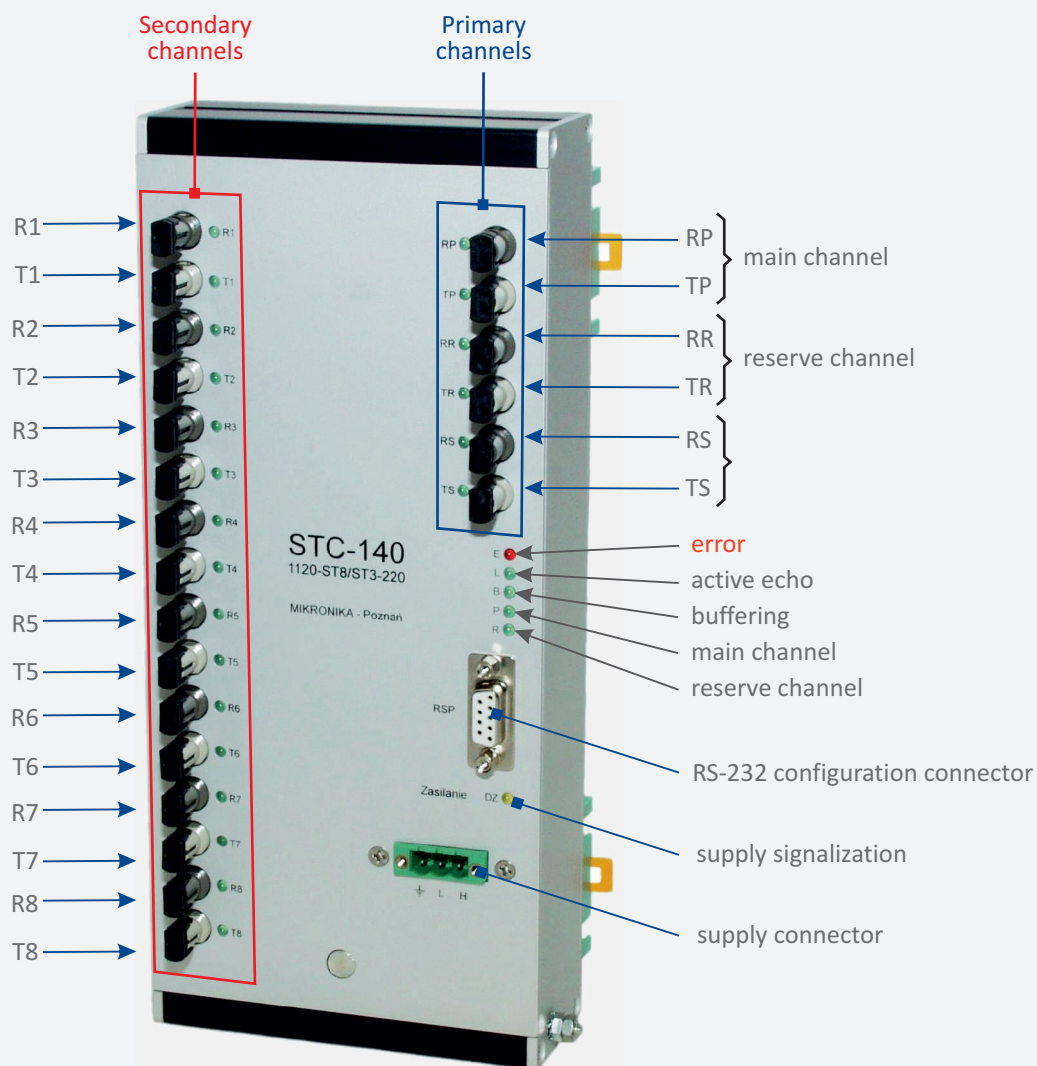


STC-xxx for DIN rail

■ legend:

Rx - receiver

Tx - transmitter



Exemplary application of STC-311

