

Itowa

Radio Remote Control Systems

SXT

Remote modular system



MODULAR SOLUTION IN REMOTE CONTROL

The SXT remote control system is the perfect solution to cover your needs in Remote control, remote processing and transmission of signals in small or large multipoint networks. It's designed for short distance applications up to 3 km operating in free-band or in order to cover long distances up to 12 km with power radio in specific bands.

Its modular design enable to adapt it to the specific needs of each application.



SXT

Sistema modular de telecontrol

Los The SXT modules allow to transmit different types of signals from N remote points via radio to a central point of control where these signals are discretely received or also allow to link them to a PC equipped with the SCADA software.

The SXT system is modular, what provides the possibility to configure each station according to every requirement or need, using the modules of signals E/S needed. The various modules are designed to easy and fast assembly in a Din rail.

This system allow us to operate with two different radio systems according to the needs of each application. We also have the possibility to operate in 868MHz free-band frequency running at low power (that means not to be obliged to carry out any legal procedure of frequency) or to operate in 406-411 MHz free-band frequency if required.

APPLICATIONS

- Remote control in water networks and treatment plants.
- Remote control aeolic and solar plants.
- Remote control lighting systems.
- Remote control industrial processes
- Remote control middle-environmental processes signals.
- Transmission of signals.



MODULES

- SXTUCMR SXT Module central unit(4ED-4SD-4EA) and radio module 868MHz integrated.
- SXTUCMR2 SXT Module central unit(4ED-4SD-4EA) for power radio connection (406-411 MHz)
- SXTMOD SXT Module extension signals 4ED-4SD-4EA
- SXTSA SXT Module extension signals 4SA 0-10V
- SXT2SA420MA Converter module 2SA 0.10/0,5V to 2sa 4-20mA/0-20mA.
- SXTLED 16 led module for mechanization in front of a cabinet.

BASIC CHARACTERISTICS

- Frequency band Radio module free band at 868MHz.
Power radio module in 406-411MHz band.
- Power Modules at 24Vdc
- Maximum consumption SXTUC 160mA at 24Vdc
- Minimum consumption SXTUC 18mA at 24Vdc
- Temperature rating -20°C +70°C
- Appearance Modules prepared to assembly in a DIN rail with option of supplying assembled in a cabinet.
- Modules connection Rs 485 connection



OPTIONS

- Local Programming of automatisms in SXT remote stations.
- GPRS communication in band 800 – 850 – 1800 – 1900
- Application to act by remote control through the mobile phone.



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