

Application

- remote control and monitoring of various technological equipment (distributors, diesel generator sets, UPS, power equipment, protection of objects, radio-navigation equipment, etc.) with use of data transfer system DAP 128TC

Description/Properties

- replaces the rack SU-24B.RT at sites with smaller number of signals
- can be mounted on walls of buildings and containers, or directly into equipment (e.g. in distributors)
- four basic sizes manufactured in rich choice of modifications
- possibility of development of new modifications according to special requirements of the customer
- modular execution enables easy and quick repairs
- simple diagnostics
- high reliability and low requirements concerning quality of communication cable
- transfers data up to the distance of 10 km via one pair of communication conductors without modems or repetitive amplifiers
- monitoring circuits work without supply voltage (ideal for monitoring of backup power supply sources and state of power network)
- control circuits work in wide range of supply voltages (9–36 V, or 18–72 V)
- comprises over-voltage protection of data transfer line and power supply source

I/O modules contained in units PS-02

- Module DTX-08
 - 7 binary inputs (switching by contact)
 - feeding from data transfer line
 - consumption 0,005 W
- Module DRX-08
 - 7 binary outputs
 - supply voltage 10–30 VDC
 - consumption 1 W
- Module DBO-02
 - over-voltage protection data transfer line
 - power supply for DRX-08
 - mounting on profile mounting rail TS 35
- Module DRT-24
 - 14 binary galvanic separated inputs 12–14 VDC
 - 7 binary galvanic separated inputs (contact)
 - supply voltage 10–30 VDC
 - consumption 2 W
 - serial communication RS 232 or RS 485



MODIFICATIONS OF TERMINAL UNITS PS-02	PS-02.0	PS-02.1	PS-02.2	PS-02.3
dimensions [mm]	200x154x148	316x226x188	316x396x160	396x474x160
max. number of inputs and outputs	1	2	4	8
max. number of I/O modules	7	14	28	56
range of working temperatures	-5/+40 °C, optionally -25/+55 °C			
protection	IP54	IP54	IP54	IP54

chapter:

2.4.6

PS-02

