



comander[®] MULTIPOINT

The comander[®] MULTIPOINT terminal with an integrated GSM/GPRS module is a compact-sized, multi-purpose communication controller designed to interface with:

- electrical power meters
- process controllers
- other industrial terminals

comander[®] MULTIPOINT features a series of external interfaces to connect a wide range of industrial devices that require long-distance data transfers.

Interfaces

- Serial interfaces (galvanic isolated):
 - RS232
 - RS485
 - CLO (20 mA)
- USB (setup)

Technical data

- Dimensions: 165m x 95mm x 45mm (L x W x H)
- Modular structure
- Seals:
 - communication connectors
 - power cables
 - SIM
 - serial port
- Protection class: IP53
- Can be installed on a power meter cover or board
- Power voltage: AC 100 ÷ 240V

Features

- Transparent data transfer
- Real-time clock
- Auto restart and internal event log
- Time synchronization:
 - internal clock automatic synchronization
 - meter synchronization
 - NTP support
- GSM Control:
 - proprietary connection maintenance algorithms
 - automatic switching between GPRS and CSD when GPRS is inaccessible
- TCP/IP, UDP/IP, ICMP support
- Remote device restart CLIP





Indications

- Power
- Network registration status
- GSM transfer type and status (GPRS/CSD)
- Mode of operation (transfer/setup)
- Signal indicator composed of segments
- Rx/Tx indicator

Communication

- GPRS/GSM (CSD)
- GSM Control – proprietary connection maintenance

Setup

- Local access via USB
- Remote access via GSM network
- Local setup by configuration-diagnostic application
- Remote setup:
 - GPRS – by configuration-diagnostic application
 - CSD – by configuration-diagnostic application
 - SMS – when device runs in CSD mode
- Reconfiguration available after authorization

	MULTIPOINT Standard	MULTIPOINT ZigBee	MULTIPOINT Ethernet
Communication			
GSM/GPRS modem	✓	✓	✓
Ethernet			✓
ZigBee		✓	
Interfaces			
USB 2.0 (setup)	✓	✓	✓
RS 485	✓	✓	✓
RS 232	✓	✓	✓
CL0	option	option	option
Additional features			
Data buffering	option	option	option
microSD	option	option	option