



comander[®] PLC

PN: cA-1411-1607-1400

The comander[®] PLC terminal is a compact-sized, multi-purpose communication controller designed for various applications ex.:

- Automatic Meter Reading (AMR)
- Smart street lighting
- SCADA communication over power lines
- Communication between PLCs
- Alternative for GSM/GPRS modems
- Building automation systems

The comander[®] PLC is the ideal solution to connect a wide range of industrial devices using existing low voltage power infrastructure.

Interfaces (galvanic isolated)

- Serial interfaces:
 - RS485
 - USB (setup)
- 1 x Input (Digital)
- 1 x Output (OD)
- Unregulated 7V/150mA power supply

Technical data

- Dimensions: 165m x 95mm x 45mm (L x W x H)
- Din Rail Kit (option)
- Seals:
 - communication connectors
 - power cables
 - serial port
- Protection class: IP53
- Power voltage: AC 100 ÷ 240V
- Max power consumption: 5W
- Operating temperature: -20°C ÷ 50°C

Features

- Transparent mode
- Broadcast communication (option)
- Router/Hub mode
- Tree type networking
- Data encryption - AES256
- Simple configuration via AT commands
- Dedicated ARMP protocol:
 - Addressing
 - Retransmissions
 - Acknowledgments
- 32kb data buffer
- Remote firmware upgrade
- Indicators (Net, PLC link quality, Rx/Tx)

PLC parameters

- PBSK modulation
- Industrial CENELEC A-band (72kHz)
- 1-phase (LV) communication

