



Controller of meters, data acquisition and transmission

Controller PUMA 30.05.06 4G

PUMA 30.05.06 4G data acquisition and transmission controller is designed to collect and transmit data on energy resources consumption from primary converters - energy meters, as well as to monitor the status and control modes of equipment of a remote object.

The controller is used for construction of Automated Information and Measuring Systems of Commercial Energy Metering (AIMSCEM) and other energy resources, as well as for construction of monitoring, dispatching, status control and mode control systems for remote object equipment.

It is possible to make the controller by special order with extended temperature range of operation (from minus 20 °C to plus 55 °C).

Controller completeness:

- Data acquisition and transmission controller "PUMA-30.05.06 4G" - 1 pc.
- Operation manual - 1 pc. per batch
- Passport - 1 pc.
- Packaging - 1 pc. per batch;

Technical specifications

Name of characteristic	Value
Power supply of the device	12-60 volts
Voltage for powering external devices	12 Volt, 8 Volt, 5 Volt
Power consumption	max. 10.0 W
Ethernet interface	2
Interface baud rate 10/100 Base T	up to 100 Mbps
Type of built-in modem	GSM (LTE/GPRS)
Frequency bands	LTE Cat1: B1, B3, B5, B7, B8, B20, B28, B38, B40, B41 GSM/GPRS: 900 MHz GSM/GPRS: 1800 MHz
Transmission speed	LTE: CAT1, Max. 10Mbit/s (DL)/Max. 5Mbit/s(UL) GPRS: Max. 85.6 Kbit/s(DL) / Max. 85.6 Kbit/s(UL)
Number of SIM cards	2
Maximum number of RS485 interfaces	1
Serial interface baud rate	1200-115200 bps
Maximum number of RS232 interfaces	1
Average MTBF	at least 150000 h
Service life	20 years
Mounting	DIN rail 35 mm
Overall dimensions	105x51x65
Weight of the controller, not more than	0.8 kg
Temperature range	-20 to + 55 °C
Operating air humidity range at temperature +25 °C	30 to 80%