

Item no.: 384725

MGATE 5105-MB-EIP - Modbus RTU/ASCII/TCP to EtherNet/IP gateways with 1 port and MQTT support

from **521,40 EUR**

Item no.: 384725
shipping weight: 0.60 kg
Manufacturer: MOXA



Product Description

1-port MQTT-supported Modbus RTU/ASCII/TCP-to-EtherNet/IP gateways, 0 to 60°C operating temperature Ethernet interface 10/100BaseT(X) ports (RJ45 connector)- 2- Auto MDI/MDI-X connector Magnetic isolation protection- 1.5 kV (built-in) Ethernet software features Industrial protocols- Modbus TCP Client (Master)- Modbus TCP Server (Slave)- EtherNet/IP Scanner- EtherNet/IP Adapter- MQTT Configuration options- Web Console (HTTP/HTT) Web Console (HTTP/HTTPS)- Device Search Utility (DSU)- MGate Manager- Telnet Console Administration- ARP- DHCP Client- DNS- HTTP- HTTPS- SMTP- SNMP Trap- SNMPv1/v2c/v3- TCP/IP- Telnet- SSH- UDP- NTP Client MIB- RFC1213, RFC1317 Time management- NTP client Security functions Authentication- Local database Encryption- HTTPS- AES-128- AES-256- SHA-256 Security protocols- SNMPv3- SNMPv2c Trap- HTTPS (TLS 1.3) Serial interface Console port- RS-232 (Tx, Rx, GND), 8-pin RJ45 (115200, n, 8, 1) Number of ports- 1 Port- DB9 connector Serial standards- RS-232/422/485 Baud rate- 50 bps to 921.6 kbps Data bits- 7, 8 Parity- None Even- Odd- Space- Mark Stop bits- 1, 2 Flow Control- RTS Toggle (RS-232 only)- RTS/CTS RS-485 Data Direction Control- Automatic Data Direction Control (ADDC) Pull High/Low Resistor for RS-485- 1 Kiloohm, 150 Kilo-Ohm Terminating Resistor for RS-485- 120 Ohm Isolation- 2 kV (built-in) Serial Signals RS-232- Tx, Rx, RTS, CTS, DTR, DSR, DCD, GND RS-422- Tx+, Tx-, Rx+, Rx-, GND RS-485- 2w- Data+, Data-, GND RS-485- 4w- Tx+, Tx-, Rx+, Rx-, GND Serial software functions Configuration options- Serial console Industrial protocols- Modbus RTU/ASCII Master- Modbus RTU/ASCII Slave Modbus RTU/ASCII Mode- Master, Slave Supported functions- 1, 2, 3, 4, 5, 6, 15, 16, 23 Max. Number of commands- 100 Input data size- 2048 bytes Output data size- 2048 bytes Modbus TCP Mode- Client (master), Server (slave) Supported functions- 1, 2, 3, 4, 5, 6, 15, 16, 23 Max. Number of client connections- 16 Max. number of server connections- 32 Max. number of commands - 100 Max. number of commands- 100 Input data size- 2048 bytes Output data size- 2048 bytes EtherNet/IP Mode- Scanner, Adapter Supported CIP objects- Identity- Message Router- Assembly- Connection Manager- TCP/IP interface- Ethernet link- Port Max. No. of Scanner Connections- 16 (for read only), 1 (for read/write) Max. No. of Adapter Connections- 100 Input Data Size- 496 bytes Output Data Size- 496 bytes MQTT Mode- Publisher/Subscriber of MQTT- Azure IoT Hub Device- Alibaba IoT Platform Device Version Supported- v3.1.1 QoS Level- QoS 0, 1, 2 Secure Transmission- TLS (1.0, 1.1, 1.2) Encryption with the user's Root CA- Client Certificate- Private Key Max. No. of data tags- 300 data tags Max. No. of Message- 20 messages MQTT General Features- Keep Alive- Retain Message- Last Will Message- Clean Session Memory micro SD Slot- Up to 32 GB (SD 2.0 compatible; data buffering up to 2 GB) Power supply parameters Input voltage- 12 to 48 VDC Input current- 455 mA @ 12 VDC Power supply connection- Screwable Euroblock terminal Relay Contact current carrying capacity- Resistive load: 2 A @ 30 VDC Physical properties Housing- Metal Protection class- IP30 Dimensions- 36 x 105 x 140 mm (1.42 x 4.14 x 5.51 in) Weight- 507 g (1.12 lb) Environmental conditions Operating temperature- 0 to 60°C (32 to 140°F) Storage temperature (including packaging)- -40 to 85°C (-40 to 185°F) Relative humidity- 5 to 95% (non-condensing) Standards and certifications EMC- EN 55032/35 EMI- CISPR 32, FCC Part 15B Class B EMS- IEC 61000-4-2 ESD: Contact: 8 kV; Air: 15 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz; 10 V/m- IEC 61000-4-4 EFT: Power: 4 kV; Signal: 2 kV- IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV- IEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m; Signal: 10 V/m- IEC 61000-4-8 PFM Safety- EN 62368-1- UL 508 Hazardous areas- ATEX- Class I Division 2- IECEx Free fall- IEC 60068-2-32 Shock- IEC 60068-2-27 Vibration- IEC 60068-2-6 IEC 60068-2-64 MTBF Time- 859,422 hours Standards- Telcordia SR332

Specifications

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