

Item no.: 384732

MGATE MB3170-S-SC-T - Extended Modbus gateway with 1 port and 1 100BaseF(X) singlemode

from **590,00 EUR**

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shipping weight: 0.40 kg
Manufacturer: MOXA



Product Description

Modbus TCP gateways Whether single or multiple serial ports, Moxa's Modbus TCP gateway solutions convert data on networks between Modbus RTU/ASCII, Modbus TCP, DNP3, CANopen, J1939, PROFIBUS, BACnet/IP, IEC 101/104, IEC 61850 and EtherCAT, enabling quick and easy configuration, troubleshooting and conversion. Extended Modbus gateway with 1 port with 1 100BaseF(X) single-mode fibre optic connection (SC connections), -40 to 75°C operating temperature Ethernet interface- 10/100BaseT(X) ports (RJ45 connection): 2 (1 IP, Ethernet cascade); Auto MDI/MDI-X connection: - Magnetic isolation protection: 1.5 kV (built-in) Ethernet software functions- Industrial protocols: Modbus TCP Client (Master) Modbus TCP Server (Slave)- Configuration options: Web Console (HTTP/HTTPS) Device Search Utility (DSU) MGate Manager MCC Tool Telnet Console- Management: ARPDHCP Client DNS HTTP HTTPS SMTP SNMP Trap SNMP v1/v2c/v3 TCP/IP Telnet 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: SNMP v3 HTTPS (TLS 1.2) Serial interface- Number of ports: 1- Connection: DB9 connector for RS-232 and terminal block for RS-422/485- Serial standards: RS-232/422/485 (selectable via software)- Baud rate: 50 bps to 921.6 kbps- Data bits: 7, 8- Parity: None Even Odd Space Mark- Stop bits: 1, 2- Flow control: DTR/DSRR TS Toggle (RS-232 only) RTS/CTS- Pull High/Low Resistor for RS-485: 1 Kilo-Ohm, 150 Kilo-Ohm- Terminating Resistor for RS-485: 120 Ohm- RS-485 Data Direction Control: ADDC (automatic data direction control) Serial signals- RS-232: TxD, RxD, 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- Industrial protocols Modbus RTU/ASCII Master Modbus RTU/ASCII Slave Modbus (Transparent)- Max. No. of client connections: 32- Max. Max. number of server connections: 32 Power supply parameters- Input voltage: 12 to 48 VDC- Input current: 555 mA @ 12 VDC- Power supply connection: 7-pin terminal block Relay- Rated contact current: Resistance load: 1 A @ 30 VDC Physical properties- Housing: Plastic- Protection class: IP30- Dimensions (with ears): 29 x 89.2 x 124.5 mm (1.14 x 3.51 x 4.90 in)- Dimensions (without ears): 29 x 89.2 x 118.5 mm (1.14 x 3.51 x 4.67 in)- Weight: 360 g (0.79 lb) Environmental conditions- Operating temperature: -40 to 75°C (-40 to 167°F)- Storage temperature (with 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 A- EMS: IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 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 IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFM IEC 61000-4-11- Potentially explosive atmospheres: ATEX Class I Division 2 IECEx- Maritime: DNV- Free fall: IEC 60068-2-32- Shock: IEC 60068-2-27- Vibration: IEC 60068-2-6 IEC 60068-2-64- Safety: UL 60950-1 IEC 60950-1 EN 62368-1 UL 508 MTBF- Time: 1,580,051 hours- Standards: Telcordia SR332

Specifications

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