

Item no.: 384630

MGATE MB3170I-M-SC-T - Extended Modbus gateway with 1 port and 1 100BaseF(X) multimode glass fibre.

from **595,12 EUR**

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shipping weight: 0.40 kg
Manufacturer: MOXA



Product Description

Whether one 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 and IEC 61850, making configuration, troubleshooting and conversion quick and easy. 1-Port extended Modbus gateway with 1 100BaseF(X) multimode fibre optic connection (SC connector) and 2 kV optical isolation, -40 to 75°C operating temperature Ethernet interface 10/100BaseT(X) ports (RJ45 connector)- 2 (1 IP, Ethernet cascade)- Auto MDI/MDI-X connection Magnetic isolation protection- 1.5 kV (eingebaut) Lichtwellenleiter Ethernet-Softwarefunktionen Industrieprotokolle- Modbus TCP Client (Master)- Modbus TCP Server (Slave) Konfigurationsoptionen- Web-Konsole (HTTP/HTTPS)- Device Search Utility (DSU)- MGate Manager- MCC Tool- Telnet Console Administration- ARP- DHCP Client- DNS- HTTP- HTTPS- SMTP- SNMP Trap- SNMPv1/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- SNMPv3- 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 (software selectable) 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/DSR- RTS Toggle (RS-232 only)- RTS/CTS Pull High/Low Resistor for RS-485- 1 Kilo-Ohm, 150 kilo-ohms Terminating resistor for RS-485- 120 ohms Isolation- 2 kV RS-485 data direction control- ADDC (automatic data direction control) Serial signals RS-232- Tx/D, Rx/D, 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. Number of client connections- 32 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 Nominal contact current- Resistive 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) 79 lb Environmental conditions Operating temperature- -40 to 75°C (-40 to 167°F) Storage temperature (in 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 PFMF- IEC 61000-4-11 Hazardous areas- 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- 1,385,414 hours Standards- Telcordia SR332

Specifications

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prices and availability

