

Item no.: 384631

MGATE MB3170I-S-SC - Modern Modbus gateway with 1 port and 1 100BaseF(X)

from **521,40 EUR**

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shipping weight: 0.50 kg
Manufacturer: MOXA



Product Description

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 and IEC 61850, enabling quick and easy configuration, troubleshooting and conversion. Enhanced Modbus gateway with 1 port, 1 100BaseF(X) single-mode fibre optic port (SC connector) and 2 kV optical isolation, 0 to 60°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 (built-in) Fibre optics 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 Administration: ARP DHCP Client DNS HTTP TTPS SMTP SNMP Traps SNMP v1/v2c/v3 TCP/IP Telnet UDP NTP Client MIB: RFC1213, RFC1317 Time Management: NTP Client Security functions: Authentication: Local database Encryption: HTTP AES-128 AES-256 SHA-256 Security protocols: SNMP v3 HTTPS (TLS 1.2) Serial interface No. 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 switching (RS-232 only): RTS/CTS Pull high/low resistor for RS-485: 1 kilo-ohm, 150 kilo-ohm 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, 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 strip Relay Contact current rating: Resistive load: 1 A @ 30 VDC Physical properties Housing: Plastic IP 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: 0 to 60°C (32 to 140°F) Storage temperature (including packaging): -40 to 85°C (-40 to 185°F) Ambient 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 Marine: 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

