

Item no.: 384628

MGATE MB3170I - 1-port advanced Modbus gateway with 2 kV isolation, 0 to 60C operating temperatu

from **352,73 EUR**

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shipping weight: 0.40 kg
Manufacturer: MOXA



Product Description

Whether single or multiple serial ports, Moxa's Modbus TCP gateway solutions convert data in 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 advanced Modbus gateway with 2 kV 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) Ethernet Software Features 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 - 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 No. of Ports - 1 Connector - DB9 male for RS-232 and terminal block for RS-422/485 Serial Standards - RS-232/422/485 (software selectable) Baudrate - 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 Terminator 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 Features Industrial Protocols - Modbus RTU/ASCII Master - Modbus RTU/ASCII Slave Modbus (Transparent) Max. No. of Client Connections - 32 Max. No. of Server Connections - 32 Power Parameters Input Voltage - 12 to 48 VDC Input Current - 555 mA @ 12 VDC Power Connector - 7-pin terminal block Relays Contact Current Rating - Resistive load: 1 A @ 30 VDC Physical Characteristics Housing - Plastic IP Rating - 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 Limits Operating Temperature - 0 to 60°C (32 to 140°F) Storage Temperature (package included) - -40 to 85°C (-40 to 185°F) Ambient Relative Humidity - 5 to 95% (non-condensing) Standards and Certifications EMC - EN 55032/35EMI - 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 Locations - ATEX - Class I Division 2 - IECEx Maritime - DNV Freefall - 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 - 1,484,777 hrs Standards - Telcordia SR332

Specifications

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prices and availability

