

Item no.: 384611

## MGATE 5118-T - 1-port J1939 to ModbusPROFINETEtherNetIP gateway

from **650,61 EUR**

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shipping weight: 0.60 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 J1939 to Modbus/PROFINET/EtherNet/IP gateway, -40 to 75°C operating temperature Ethernet interface 10/100BaseT(X) ports (RJ45 connection)- 2- 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), PROFINET IO Device, EtherNet/IP Scanner, EtherNet/IP Adapter Configuration options- Web Console (HTTP/HTTPS), Device Search Utility (DSU), Telnet Console Management- 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 connection- RS-232 (Tx, Rx, GND), 8-pin RJ45 (115200, n, 8, 1) Number of connections- 1 Connection- 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 Pull high/low resistor for RS-485- 1 kilo-ohm, 150 kilo-ohm Terminating resistor for RS-485- 120 ohms Isolation- 2 kV 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- J1939, 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- 128 Modbus TCP Mode- Client (master), Server (slave) Supported functions- 1, 2, 3, 4, 5, 6, 15, 16, 23 Max. number of client connections- 128 Number of client connections- 16 Max. Max. number of server connections- 32 Max. number of commands- 128 Max. number of commands- 128 PROFINET Mode- IO Device Max. Max. number of IO controller connections- 1 (for read/write) Input data size- 512 bytes Output data size- 512 bytes EtherNet/IP Mode- Scanner, Adapter Supported CIP objects- Identity, Message Router, Assembly, Connection Manager, TCP/IP Interface, Ethernet Link, Port Max. number of scanner connections- 32 Number of scanner connections- 1 (for read-only), 1 (for read/write) Max. Max. number of adapter connections- 4 Input data size- 496 bytes Output data size- 496 bytes CAN interface Industrial protocols- J1939 Number of ports- 1 Connector- spring euroblock terminal Baud rate- 250 Kbps, 500 Kbps, 1 Mbps Terminating resistor- 120 Ohms Insulation- 2 kV (built-in) J1939 Max. Number of commands- 256 Input data size- 2048 bytes Output data size- 2048 bytes Memory microSD slot- Up to 32 GB (SD 2.0 compatible) Power supply parameters Input voltage- 12 to 48 VDC Input current- 416 mA @ 12 VDC Power supply connection- Spring Euroblock terminal Relay Rated contact current- Resistive load: 2 A @ 30 VDC Physical properties Housing- Metal Protection class- IP30 Dimensions- 45.8 x 105 x 134 mm (1.8 x 4.13 x 5.28 in) Weight- 589 g (1.30 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 Safety- EN 62368-1, UL 61010-2-201 EMC- EN 61000-6-2/-6-4 EMI- CISPR 32, FCC Part 15B Class A EMI- 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: 4 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 PFMF 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- 727.873 hours Standards- Telcordia SR332

### Specifications

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All details, up-to-date prices and availability

