

Item no.: 384613

## MGATE 5121 - 1-port CANopenJ1939-to-Modbus TCP gateways

from **634,92 EUR**

Item no.: 384613  
 shipping weight: 0.30 kg  
 Manufacturer: MOXA



### Product Description

1-port CANopen/J1939-to-Modbus TCP gateways, -10 to 60°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 Configuration Options- Web Console (HTTPS)- Device Search Utility (DSU) Management- ARP- DHCP Client- DNS- HTTP- HTTPS- SMTP- SNMP Trap- SNMPv1/v2c/v3- TCP/IP- UDPMIB- RFC1213 Time management- NTP client Security functions Authentication- Local database Encryption Local database Encryption- HTTPS- AES-128- AES-256- SHA-256 Security protocols- SNMPv3- SNMPv2c Trap- HTTPS (TLS 1.3) CAN interface Number of ports- 1 Connector- Spring Euroblock terminal Standards- ISO 11898-2 Baud rate- CANopen: 10 kbps, 20 kbps, 50 kbps, 125 kbps, 250 kbps, 500 kbps, 800 kbps, 1 Mbps J1939: 250 kbps, 500 kbps, 1 Mbps Terminator- 120 Ohm- configurable via software Signals- CAN\_H, CAN\_L, GND, Ext\_CAN\_H, Ext\_CAN\_L, CAN\_Shield CAN Software Features Industrial Protocols- CANopen master, J1939 CANopen Mode- Master Max No. of nodes- 64 Max. number of receive PDOs- 256 Max. number of transmit PDOs- 256 SDOs- Supported Input data size- 2048 bytes Output data size- 2048 bytes J1939 Max. number of commands - 256 Number of commands- 256 Input data size- 2048 bytes Output data size- 2048 bytes Modbus TCP Mode- Server Supported functions- 1, 2, 3, 4, 5, 6, 15, 16, 23 Max. number of client connections- 16 Total size of input data- 2048 bytes Total size of output data- 2048 bytes Memory microSD slot- Up to 32 GB (SD 2.0 compatible) Power supply parameters Input voltage- 12 to 48 VDC Input current- 455 mA (max) Power supply connection- Spring Euroblock terminal Relay Nominal contact current- Resistive load: 2 A @ 30 VDC Physical properties Housing- Metal Protection class- IP30 Dimensions- 25 x 90 x 129.6 mm (0.98 x 3.54 x 5.1 in) Weight- 294 g (0.65 lb) Environmental conditions Operating temperature- -10 to 60°C (14 to 140°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 61010-2-201- UL 61010-2-201 EMC- EN 61000-6-2/-6-4 EMI- FCC Part 15B Class A EMS- 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: 2 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 Free fall- IEC 60068-2-31 Shock- IEC 60068-2-27 Vibration- IEC 60068-2-6- IEC 60068-2-64 MTBF Time- 1,408,984 hrs Standards- Telcordia SR332

### Specifications

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