

Item no.: 384619

MGATE 5134 - 1-port Modbus RTU/ASCII/TCP-to-PROFINET gateways, -10 to 60°C operating temperature

from **536,41 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 Modbus RTU/ASCII/TCP-to-PROFINET gateways, -10 to 60°C operating temperature Ethernet Interface 10/100BaseT(X) Ports (RJ45 connector)- 2- Auto MDI/MDI-X connection Magnetic Isolation Protection- 1.5 kV (built-in) Ethernet Software Features Industrial Protocols- Modbus TCP Client, PROFINET IO Device 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, 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 No. of Ports- 1 Connector- DB9 male Serial Standards- RS-232/422/485 Baudrate- 300 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 RS-485 Data Direction Control- ADDC (automatic data direction control) Pull High/Low Resistor for RS-485- 1 kilo-ohm, 150 kilo-ohms- software configurable Terminator for RS-485- 120 ohms- software configurable Isolation- 2 kV (built-in) Serial Signals RS-232- Tx, Rx, D, 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 Client Modbus RTU/ASCII Mode- Client Functions Supported- 1, 2, 3, 4, 5, 6, 15, 16, 23 Max. No. of Server Connections- 31 Max. No. of Commands- 128 per serial port Modbus TCP Mode- Client Functions Supported- 1, 2, 3, 4, 5, 6, 15, 16, 23 Max. No. of Server Connections- 32 Max. No. of Commands- 128 Total Output Data Size- 2048 bytes Total Input Data Size- 2048 bytes PROFINET Mode- IO Device class B Max. No. of Master Connections- 2 IO Controllers (shared devices) Input Data Size- 1440 bytes per IO Controller (total: 2880 bytes) Output Data Size- 1440 bytes per IO Controller (total: 2880 bytes) Memory microSD Slot- Up to 32 GB (SD 2.0 compatible) Power Parameters Input Voltage- 12 to 48 VDC Input Current- 455 mA (max) Power Connector- Spring-type Euroblock terminal Relays Contact Current Rating- Resistive load: 2 A @ 30 VDC Physical Characteristics Housing- Metall IP Rating- 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 Limits Operating Temperature- -10 to 60°C (14 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 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 PFMFFreefall- IEC 60068-2-31 Shock- IEC 60068-2-27 Vibration- IEC 60068-2-6, IEC 60068-2-64 MTBF Time- 1,240,821 hrs Standards- Telcordia SR332

Specifications

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prices and availability

