

Item no.: 385413

NPORT IA5250AI-IEX - 2-port RS-232/422/485 industrial automation device server

from **465,19 EUR**

Item no.: 385413
shipping weight: 0.50 kg
Manufacturer: MOXA



Product Description

The industrial device servers offer enhanced surge protection and are certified for use in hazardous areas such as railway vehicles and stations. In addition, all devices are designed to ensure reliable serial-to-Ethernet connectivity for operation in harsh environments such as the oil and gas industry and energy automation.

2-Port RS-232/422/485 device server for industrial automation with surge protection for serial/LAN/power, 2 10/100BaseT(X) ports with single IP, 2 kV isolation, IECEx, 0 to 60°C operating temperature

Ethernet interface 10/100BaseT(X) ports (RJ45 connector) - Supports 2 IP addresses - Auto MDI/MDI-X connection Magnetic isolation protection- 1.5 kV (built-in) Ethernet software functions Configuration options- Web console (HTTP/HTTPS), Windows utility, device search utility (DSU), MCC tool, serial console, Telnet console Administration- ARP, BOOTP, DHCP client, DNS, HTTP, HTTPS, ICMP, IPv4, LLDP, Rtelnet, SMTP, SNMPv1/v2c, TCP/IP, Telnet, UDP Filter- IGMP v1/v2 Linux Real TTY driver- Kernel versions: 2.4.x, 2.6.x, 3.x, 4.x and 5.x Fixed TTY Drivers- SCO UNIX, SCO OpenServer, UnixWare 7, QNX 4.25, QNX 6, Solaris 10, FreeBSD, AIX 5.x, HP-UX 11i, Mac OS X, macOS 10.12, macOS 10.13, macOS 10.14, macOS 10.15 Android API- Android 3.1.x and higher Time management- SNTP Windows Real COM driver- Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10/11 (x86/x64), Windows 2008 R2/2012/2012 R2/2016/2019 (x64), Windows Server 2022, Windows Embedded CE 5.0/6.0, Windows XP Embedded Security functions Authentication- Local database Encryption- HTTPS, AES-128, RSA-1024, SHA-1, SHA-256 Serial interface Connector- DB9 male No. Ports- 2 Serial standards- RS-232, RS-422, RS-485 Operating modes- Disabled, Ethernet modem, Pair connection, Real COM, Reverse Telnet, RFC2217, TCP Client, TCP Server, UDP Baud rate- Supports standard baud rates (unit=bps): 50, 75, 110, 134, 150, 300, 600, 1200, 1800, 2400, 4800, 7200, 9600, 19200, 38400, 57600, 115200, 230.4k, 460.8k, 921.6k Data bits- 5, 6, 7, 8 Stop bits- 1, 1.5, 2 Parity- None, Even, Odd, Space, Mark Flow control- None, RTS/CTS (RS-232 only), DTR/DSR (RS-232 only), XON/XOFF Isolation- 2 kV Pull high/low resistor for RS-485- 1 kilo-ohm, 150 kilo-ohms Terminating resistor for RS-485- 120 ohms RS-485 data direction control- ADDC (automatic data direction control) Serial signals RS-232- Tx+, Rx+, RTS, CTS, DTR, DSR, DCD, GND RS-422- Tx+, Tx-, Rx+, Rx-, GND RS-485- 4w- Tx+, Tx-, Rx+, Rx-, GND RS-485- 2w- Data+, Data-, GND Performance parameters Input current- 290 mA @ 12 VDC Input voltage- 12 to 48 VDC Number of current inputs- 2 Power connection- Terminal block Physical properties Housing- Metal Dimensions- 36 x 105 x 140 mm (1.42 x 4.13 x 5.51 in) Weight- 485 g (1.07 lb) Installation- DIN rail mounting, Wall mounting (with optional kit) Environmental conditions Operating temperature- 0 to 60°C (32 to 140°F) Storage temperature (included)- -40 to 75°C (-40 to 167°F) 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; Signal: 1 kV- IEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m; Signal: 10 V/m- IEC 61000-4-8 PFMF- IEC 61000-4-11 Hazardous areas- ATEX Zone 2, UL/cUL Class I Division 2 Groups A/B/C/D, IECEx Safety-UL 508 Vibration- IEC 60068-2-6 Shock- IEC 60068-2-27 Free fall- IEC 60068-2-32 Declaration Environmentally friendly product- RoHS, CRoHS, WEEE MTBF Time- 262.805 hours Standards- Telcordia (Bellcore) Standard TR/SR

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability

