

Item no.: 384662

NPORT IA5150AI-IEX - 1-port RS-232/422/485 industrial automation device server with serial LAN power surge

from **411,70 EUR**

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shipping weight: 0.50 kg
Manufacturer: MOXA



Product Description

The industrial device servers offer enhanced surge protection and have certifications for hazardous locations including rolling stock and wayside. In addition, all the devices are designed to ensure reliable serial-to-Ethernet connectivity when operating in harsh environments such as oil and gas and power automation. 1-port RS-232/422/485 industrial automation device server with serial/LAN/power surge protection, 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 Features Configuration Options- Web Console (HTTP/HTTPS), Windows Utility, Device Search Utility (DSU), MCC Tool, Serial Console, Telnet Console Management- 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 Drivers- 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 later Time Management- Sntp Windows Real COM Drivers- 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 for RS-232- Terminal block for RS-422/485 No. of Ports- 1 Serial Standards- RS-232, RS-422, RS-485 Operation Modes- Disabled, Ethernet Modem, Pair Connection, Real COM, Reverse Telnet, RFC2217, TCP Client, TCP Server, UDP Baudrate- Supports standard baudrates (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 Terminator for RS-485- 120 ohms 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- 4w- Tx+, Tx-, Rx+, Rx-, GND RS-485- 2w- Data+, Data-, GND Power Parameters Input Current- 225 mA @ 12 VDC Input Voltage- 12 to 48 VDC No. of Power Inputs- 2 Power Connector- Terminal block Physical Characteristics Housing- Metal Dimensions- 36 x 105 x 140 mm (1.42 x 4.13 x 5.51 in) Weight- 475 g (1.05 lb) Installation- DIN-rail mounting, Wall mounting (with optional kit) Environmental Limits Operating Temperature- 0 to 60°C (32 to 140°F) Storage Temperature (package included)- -40 to 75°C (-40 to 167°F) Ambient 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 Locations- 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 Freefall- IEC 60068-2-32 Declaration Green Product- RoHS, CRoHS, WEEE MTBF Time- 262,805 hrs Standards- Telcordia (Bellcore) Standard TR/SR

Specifications

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

