

Item no.: 384705

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

from **369,12 EUR**

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shipping weight: 0.50 kg
Manufacturer: MOXA



Product Description

The industrial device servers offer enhanced surge protection and are certified for hazardous areas such as railway vehicles and stations. In addition, all devices are designed to ensure reliable serial-to-Ethernet connectivity when operating in harsh environments such as the oil and gas industry and energy 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, 0 to 60°C operating temperature, 2 kV isolation 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 Discovery 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 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 Connection: DB9 connector for RS-232, terminal block for RS-422/485 Number of ports: 1 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 resistance for RS-485: 1 kilo-ohm, 150 kilo-ohm Terminating resistor for RS-485: 120 ohms RS-485 data direction control: ADDC (automatic data direction control) Serial signals RS-232: Tx+, Tx-, Rx+, Rx-, 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 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: 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 (including packaging): -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 PFM IEC 61000-4-11 Hazardous areas: ATEX Zone 2, UL/cUL Class I Division 2 Groups A/B/C/D Safety: UL 508 Vibration: IEC 60068-2-6 Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Declaration Environmentally friendly product: RoHS, CrRoHS, WEEE MTBF Time 262,805 hours Standards Telcordia (Bellcore) Standard TR/SR

Specifications

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All details, up-to-date
prices and availability

