

Item no.: 385375

NPORT S8455I-T - 4 RS-232/422/485 ports, 5 10/100BaseT(X) ports, 12 to 48 VDC, 2 kV insulation protection

from **1.221,82 EUR**

Item no.: 385375
shipping weight: 0.60 kg
Manufacturer: MOXA



Product Description

Moxa's integrated serial device server solutions combine a variety of functions in an all-in-one design that combines a managed Ethernet switch and device server in a single device. This design can fulfil multiple project requirements in a fraction of the space required for separate devices, simplifying both device configuration and operational and maintenance costs.

4 RS-232/422/485 ports, 5 10/100BaseT(X) ports, 12 to 48 VDC, 2 kV isolation protection, -40 to 75°C operating temperature

Input/Output Interface-Alarm contact channels 2, resistive load: 1 A @ 24 VDC-Digital input channels 2-Digital inputs:+13 to +30 V for state 1-30 to +1 V for state 0-Max. input current: 8 mA Input current: 8 mA Ethernet interface- 10/100BaseT(X) ports (RJ45 connection): 5- Magnetic isolation protection: 1.5 kV (built-in)- Standards:IEEE 802.1D-2004 for Spanning Tree ProtocolIEEE 802.1p for Class of ServiceIEEE 802.1Q for VLAN taggingIEEE 802.1w for Rapid Spanning Tree ProtocolIEEE 802.1X for AuthenticationIEEE 802.3 for 10BaseTIEEE 802.3ad for Port Trunk with LACPIEEE 802.3u for 100BaseT(X) and 100BaseFXIEEE 802.3x for Flow ControlSwitch Features- IGMP Groups: 256- Max. Max. number of VLANs: 64- Priority queues: 4- VLAN ID range: VID 1 to 4094Ethernet software functions- Configuration options: Web Console (HTTP/HTTPS), Windows Utility, Serial Console, Telnet Console- Management: BOOTP, Device Search Utility (DSU), DHCP Client, DHCP Option 82, HTTP, IPv4, LLDP, Port Mirror, RMON, SMTP, SNMPv1/v2c/v3, Syslog, TCP/IP, Telnet, Web Console- Filters: 802.1Q, GVRP, IGMP v1/v2- Windows Real COM Drivers: Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10 (x86/x64), Windows 2008 R2/2012/2016/2019 (x64), Windows Embedded CE 5.0/6.0, Windows XP Embedded- Linux Real TTY Drivers: Kernel versions: 2.4.x, 2.6.x, 3.x, 4.x and 5.xFixed 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- MIB: Bridge MIB, Device Settings MIB, Ethernet-like MIB, MIB-II, P-BRIDGE MIB, Q-BRIDGE MIB, RFC1213, RFC1317, RMON MIB Groups 1, 2, 3, 9, RSTP MIB- Redundancy protocols: RSTP, Turbo Chain, Turbo Ring v1, Turbo Ring v2- Security: HTTPS, SSL, SSH- Authentication: Local Account Accessibility, RADIUSSerial interface- Connector: DB9 connector- Number of ports: 4- Operating modes: Disabled, Real COM mode, RFC2217 mode, TCP client mode, TCP server mode, UDP mode- Baud rate: 50 bps to 921.6 kbps- Data bits: 5, 6, 7, 8- Stop bits: 1, 1.5, 2- Parity: None, Even, Odd, Space, Mark- Flow control: None, RTS/CTS, XON/XOFF- Isolation: 2 kV- RS-485 data direction control: ADDC® (automatic data direction control)- Pull high/low resistance for RS-485: 1 kilo-ohm, 150 kilo-ohm- Terminating resistor for RS-485: 120 ohm- Console connection: RS-232 (TxD, RxD, GND), 8-pin RJ45 (19200, n, 8, 1)- Serial standards: RS-232/422/485Serial signals- RS-232: TxD, RxD, 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-, GNDDIP switch configuration- Ethernet interface: Coupler, Master, Reserved, Turbo RingPower supply parameters- Number of power supply inputs: 2- Power supply connection: 2 removable 6-contact terminal block(s)- Input current: 935 mA @ 12 VDC- Input voltage: 12 to 48 VDCPhysical characteristics- Housing: metal- Dimensions: 73.1 x 134 x 125 mm (2.88 x 5.27 x 4.92 in.)- Weight: 578 g (1.27 lb)- Mounting: DIN rail mount, wall mount (with optional kit)Environmental conditions- Operating temperature: -40 to 75°C (-40 to 167°F)- Storage temperature: -40 to 75°C (-40 to 167°F)- Ambient relative humidity: 5 to 95% (non-condensing)Standards and certifications- EMC: EN 55032/24- EMI: CISPR 32, FCC Part 15B Class A- EMS:IEC 61000-4-2 ESD: Contact: 6 kV; Air: 8 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/mIEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kVIEC 61000-4-5 Surge: Power: 1 kV; Signal: 0.25 kVIEC 61000-4-6 CS: 150 kHz to 80 MHz: 10 V/m; Signal: 10 V/mIEC 61000-4-8 PFMF- Environmental tests _IEC 60068-2-1IEC 60068-2-3- Hazardous areas: Class I Division 2- Safety: EN 60950-1, IEC 60950-1, UL 508, UL 60950-1- Shock: IEC 60068-2-27- Vibration: IEC 60068-2-6MTBF- Time 287,354 hours- Standards Telcordia (Bellcore) Standard TR/SR

Specifications

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