Item no.: 385500

IOTHINX 4510-T - Advanced IO, Ethernet network adapter, 3-in-1 serial interface(s)

from **382,16 EUR**

Item no.: 385500
shipping weight: 0.20 kg
Manufacturer: MOXA

📄 Product Description

Advanced Controllers& I/OsMoxa's advanced controllers and I/O products facilitate the realisation of complex IIoT applications such as energy management, factory floor machine management, transportation management and remote asset management through expandable communication and powerful data acquisition and control capabilities. Use the ioThinx 4500 Series Power Calculator to calculate how many power modules are required for your application.Advanced I/O, Ethernet network adapter, 3-in-1 serial port(s), -40 to 75°C operating temperatureInput/output interface- Buttons: Reset button- Expansion slots: Up to 32 - Isolation: 3k VDC or 2k VrmsEthernet interface- 10/100BaseT(X) ports (RJ45 connector): 2, 1 MAC address (Ethernet bypass)- Magnetic isolation protection: 1.5 kV (built-in)Ethernet software features- Configuration options: Web Console (HTTP/HTTPS), Windows Utility (IOxpress); MCC Tool- Industry protocols: Modbus TCP Server (Slave), RESTful API, SNMPv1/v2c/v3, SNMPv1/v2c/v3 Trap, SNMPv2c/v3 Inform, MQTT- Management:SNMPv1/v2c/v3SNMPv1/v2c/v3 TrapSNMPv2c/v3 InformDHCP ClientIPv4HTTPUDPTCP/IP- Time management: SNTPSecurity functions- Authentication: Local database- Encryption: HTTPSAES-128AES-256HMACRSA-1024SHA-1SHA-256ECC-256- Security protocolsSNMPv3HTTPS (TLS 1.2)SNMPv3 TrapSerial interface- Connection: Euroblock spring terminal- Serial standards: RS-232/422/485- Nos. Ports: 1 x RS-232/422 or 2 x RS-485 (2 wire)- Baud rate: 1200, 1800, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps- Flow control: RTS/CTS- Parity:NoneEvenOdd- Stop bits: 1, 2- Data bits: 8Serial signals- RS-232: TxD, RxD, RTS, CTS, GND- RS-422: Tx+, Tx-, Rx+, Rx-, GND- RS-485-2w: Data+, Data-, GNDSerial software functions- Industrial protocols: Modbus RTU MasterSystem power parameters- Power connection: Spring-type Euroblock terminal- Number of current inputs: 1- Input voltage: 12 to 48 VDC- Current consumption: 800 mA @ 12 VDC- Overcurrent protection: 1 A @ 25°C- Overvoltage protection: 55 VDC- Output current: 1 A (max.)Field current parameters- Power connection: Euroblock spring terminal- No. current inputs: 1- Input voltage: 12/24 VDC- Overcurrent protection: 2.5 A @ 25°C- Overvoltage protection: 33 VDC- Output current: 2 A (max.)Physical properties- Wiring: Serial cable, 16 to 28 AWG- Power cable, 12 to 18 AWG: Stripped length- Serial cable, 9 mm: Power cable, 12 to 13 mm- Housing: Plastic- Dimensions: 42.3 x 99 x 75 mm (1.67 x 3.9 x 2.95 in)- Weight: 173.5 g (0.382 lb)- Installation: DIN rail mountingEnvironmental conditions- Operating temperature: -40 to 75°C (-40 to 167°F)- Storage temperature (including packaging): -40 to 85°C (-40 to 185°F)- Relative humidity: 5 to 95% (non-condensing)- Altitude: Up to 4000 mStandards and certifications- EMC: EN 55032/35- EMI: CISPR 32, FCC Part 15B Class A- EMS:IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kVIEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/mIEC 61000-4-4 EFT: Power: 1 kV; Signal: 0.5 kVIEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kVIEC 61000-4-6 CS: 3 VIEC 61000-4-8 PFMF- Shock: IEC 60068-2-27- Vibration: IEC 60068-2-6- Hazardous areas: Class I Division 2; ATEX- SafetyUL 61010-2-201Declaration- Green Product: RoHS, CRoHS, WEEEMTBF- Time: 1,451,040 hours- Standards: Telcordia SR332

📄 Specifications

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