

Item no.: 385547

EDR-810-VPN-2GSFP-T - 82G SFP industrial multiport secure router with Firewall/NAT/VPN, -40 to 75C opera

from **1.123,43 EUR**

Item no.: 385547
shipping weight: 0.40 kg
Manufacturer: MOXA



Product Description

8+2G SFP industrial multiport secure router with Firewall/NAT/VPN, -40 to 75°C operating temperature Input/Output Interface Alarm Contact Channels- Resistive load: 1 A @ 24 VDC Buttons- Reset button Digital Input Channels- +13 to +30 V for state 1- -30 to +3 V for state 0- Max. input current: 8 mA Ethernet Interface 10/100BaseT(X) Ports (RJ45 connector)- 8100/1000BaseSFP Slots- 2 Standards- IEEE 802.1Q for VLAN Tagging- IEEE 802.3 for 10BaseT- IEEE 802.3ab for 1000BaseT(X)- Static Port Trunk- IEEE 802.3u for 100BaseT(X)- IEEE 802.3x for flow control- IEEE 802.3z for 1000BaseSX/LX/LHX/ZXEthernet Software Features Broadcast Forwarding- IP directed broadcast, broadcast forwarding Management- Back Pressure Flow Control- DDNS- DHCP Server/Client- Web Console (HTTP/HTTPS)- LLDP- QoS/CoS/ToS- SNMPv1/v2c/v3- Telnet- TFTP Multicast Routing- DVMRP- PIM-SM- PIM-SSM Redundancy Protocols- RSTP- STP- Turbo Ring v2 Routing- Throughput: 10,000 packets per second (max. 100 Mbps) Routing Redundancy- VRRP Security- HTTPS/SSL- SSH- IPsec- OpenVPN (client and server), UDP and TCP Tunnel mode (routing) and TAP mode (bridge)- L2TP (server)- RADIUS Time Management- NTP Server/Client- SNTPUncast Routing- OSPF- RIPV1/V2- Static Route Filter- IGMP v1/v2/v3 Switch Properties VLAN ID Range- VID 1 to 4094 IGMP Groups- 256 Max. No. of VLANs- 16 LED Interface LED Indicators- STATE, PWR1, PWR2, FAULT, 10/100/1000 MDoS and DDoS Protection Technology- ARP-Flood- FIN Scan- ICMP-Death-NEW Without-SYN Scan- NMAP-ID Scan- NMAP-Xmas Scan- Null Scan- SYN/FIN Scan- SYN/RST Scan- SYN-Flood- Xmas Scan Firewall Deep Packet Inspection- Modbus TCP- Modbus UDP Filter- DDoS- Ethernet protocols- ICMP- IP address- MAC address- Ports Quick Automation Profiles- DNP- EtherCAT- EtherNet/IP- FOUNDATION Fieldbus- FTP- HTTP- IEC 60870-104- IPsec- L2TP- LonWorks- Modbus TCP- PPTP- PROFINET- RADIUS- SSH- Telnet Stateful Inspection- Router firewall- Transparent (bridge) firewall Throughput- Max. 10,000 packets per second (max. 100 Mbps) IPsec VPN Authentication- MD5 and SHA (SHA-256)- RSA (key size: 1024-bit, 2048-bit)- X.509 v3 certificate Concurrent VPN Tunnels- Max. 10 IPsec VPN tunnels Encryption- DES- 3DES- AES-128- AES-192- AES-256 Protocols- IPsec- L2TP (server)- PPTP (client) Throughput- Max. 17 Mbps (Conditions: AES-256, SHA-256) NAT Features- 1-to-1- N-to-1- Port forwarding OpenVPN Authentication- User password by MD5 and SHA1 Concurrent VPN Tunnels- Client Mode: max. 2 external servers- Server Mode: max. 5 external clients Encryption- AES-128/192/256 CBC- Blowfish CBC- DES CBC- DES-EDE3 CBC Protocols- OpenVPN (client and server), UDP, and TCP- Tunnel mode (routing) and TAP mode (bridge) Throughput- Max. 5 Mbps Real-Time Firewall / VPN Event Log Event Type- Firewall event- VPN event Media- Local storage- SNMP Trap- Syslog server Serial Interface Console Port- RS-232 (Tx/D, Rx/D, GND), 3-pin (115200, n, 8, 1) Power Parameters Connection- Removable terminal block Input Voltage- 12 to 48 VDC Input Current- 0.706 A @ 12 VDC, 0.353 A @ 24 VDC, 0.187 A @ 48 VDC Reverse Polarity Protection- Supported Physical Characteristics Housing- Metal Dimensions- 53.6 x 135 x 105 mm (2.11 x 5.31 x 4.13 in) Weight- 830 g (2.10 lb) Installation- DIN-rail mounting- Wall mounting (with optional kit) Environmental Limits Operating Temperature- -40 to 75°C (-40 to 167°F) Storage Temperature (package included)- -40 to 85°C (-40 to 185°F) Ambient Relative Humidity- 5 to 95% (non-condensing) Standards and Certifications Safety- UL 508 EMC- EN 55032/24 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: 2 kV; Signal: 2 kV- IEC 61000-4-5 Surge: Power: 2 kV; Signal: 2 kV- IEC 61000-4-6 CS: 10 V- IEC 61000-4-8 PFMF Hazardous Locations- ATEX- Class I Division 2 Maritime- DNV Traffic Control- NEMA TS2 Railway- EN 50121-4 Shock- IEC 60068-2-27 Freefall- IEC 60068-2-32 Vibration- IEC 60068-2-6 Industrial Cybersecurity- IEC 61162-460 MTBF Time- 981,954 hrs Standards- Telcordia (Bellcore), GB

Specifications

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