

Item no.: 386207

## EDS-G509 - Industrial full Gigabit Ethernet switch with 4 10/100 1000BaseT(X) ports

from **1.235,20 EUR**

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shipping weight: 0.50 kg  
Manufacturer: MOXA



### Product Description

Moxa's managed Layer 2 switches are characterised by industrial-grade reliability, network redundancy and security features based on the IEC 62443 standard. We offer robust, industry-specific products with multiple industry certifications, such as parts of the EN 50155 standard for railway applications, IEC 61850-3 for energy automation systems and NEMA TS2 for intelligent transport systems. Industrial full Gigabit Ethernet switch with 4 10/100/1000BaseT(X) ports, 5 combo 10/100/1000BaseT(X) or 100/1000BaseSFP slot combo ports, 0 to 60°C Operating temperature Input/Output Interface- Alarm Contact Channels 2 Relay output with current carrying capacity of 1 A @ 24 VDC- Digital Input Channels 2- Digital Inputs +13 to +30 V for state 1-30 to +3 V for state 0 Max. input current: 8 mA Ethernet Interface- 10/100/1000BaseT(X) Ports (RJ45 connector) 4 Auto negotiation speed Full/Half duplex mode Auto MDI/MDI-X connection- Combo Ports (10/100/1000BaseT(X) or 100/1000BaseSFP+) 5- Standards IEEE 802.1D-2004 for Spanning Tree Protocol IEEE 802.1p for Class of Service IEEE 802.1Q for VLAN Tagging IEEE 802.1s for Multiple Spanning Tree Protocol IEEE 802.1w for Rapid Spanning Tree Protocol IEEE 802.1X for authentication IEEE 802.3 for 10BaseT IEEE 802.3ab for 1000BaseT(X) IEEE 802.3ad for Port Trunk with LACP IEEE 802.3u for 100BaseT(X) IEEE 802.3x for flow control IEEE 802.3z for 1000BaseX Ethernet Software Features- Filter 802.1Q VLAN GM R P G V R P I G M P v1/v2 Port-based VLAN- Industrial Protocols EtherNet/IP Modbus TCP- Management Back Pressure Flow Control BOOTP DHCP Option 66/67/82 DHCP Server/Client Flow control IPv4/IPv6 LLDP Port Mirror RAR PR MONS MTPS SNMP Inform SNMP v1/v2c/v3 Syslog Telnet TFTP- MIB Bridge MIB Ethernet-like MIB MIB-IIP-BRIDGE MIB Q-BRIDGE MIB RMON MIB Groups 1, 2, 3, 9 RSTP MIB- Redundancy Protocols Link Aggregation MSTP RSTP STP Turbo Chain Turbo Ring v1/v2- Security Broadcast storm protection HTTPS/SSL Port Lock RADIUS S SHTACACS+ SNMP v3- Time Management NTP Server/Client SNTP Switch Properties- IGMP Groups 256- MAC Table Size 8 K- Max. No. of VLANs 64- Packet Buffer Size 1 Mbits- Priority Queues 4- VLAN ID Range VID 1 to 4094 LED Interface- LED Indicators PWR1, PWR2, FAULT, 10/100/1000M (TP port), 100/1000M (SFP port), MSTR/HEAD, CPLR/TAIL Serial Interface- Console Port RS-232 (Tx, Rx, D, GND), 8-pin RJ45 (115200, n, 8, 1) DIP Switch Configuration- DIP Switches Turbo Ring, Master, Coupler, Reserve Power Parameters- Power Connector 2 removable 6-contact terminal block(s)- Input Current 0.69 A @ 24 VDC- Input Voltage 12/24/48 VDC Redundant dual inputs- Operating Voltage 9.6 to 60 VDC- Overload Current Protection Supported- Reverse Polarity Protection Supported Physical Characteristics- Housing Metal- IP Rating IP30- Dimensions 87.1 x 135 x 107 mm (3.43 x 5.31 x 4.21 in)- Weight 1510 g (3.33 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 85°C (-40 to 185°F)- Ambient Relative Humidity 5 to 95% (non-condensing) Standards and Certifications- Safety EN 62368-1 UL 508- 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: 2 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 2 kV; Signal: 1 kV IEC 61000-4-6 CS: 10 V IEC 61000-4-8 PFMF- Railway EN 50121-4- Vibration IEC 60068-2-6- Shock IEC 60068-2-27- Freefall IEC 60068-2-32- Maritime ABS DNV LR NK M TB F- Time 598,659 hrs- Standards Telcordia (Bellcore), GB

### Specifications

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All details, up-to-date  
prices and availability

