

Item no.: 385511

SDS-3016-2GTX - Compact industrial Smart Ethernet switch with 14 10100BaseT(X) ports, 2 10100100

from **766,00 EUR**

Item no.: 385511
shipping weight: 0.60 kg
Manufacturer: MOXA



Product Description

Moxa's Smart Switches simplify daily tasks with easy configuration, quick installation and on-site monitoring. Designed for easy connectivity, SCADA/HMI monitoring and enhanced controllability, Moxa's Layer 2 Smart Switches support multiple industrial protocols such as PROFINET, Modbus and EtherNet/IP as well as various mounting methods. Compact industrial smart Ethernet switch with 14 10/100BaseT(X) ports, 2 10/100/1000BaseT(X) ports, two 12/24/48 VDC power inputs, Operating temperature from -10 to 60 °C Input/output interface Alarm contact channels- 1- Relay output with a current carrying capacity of 1 A @ 24 VDC Buttons- Reset button Digital input channels- 1 Digital inputs- +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 connection)- 14- Automatic speed negotiation- Full/half-duplex mode- Automatic MDI/MDI-X connection 10/100/1000BaseT(X) ports (RJ45 connection) - 2 (Sconnection)- 2 (SDS-3016-2GTX series)- Speed with automatic negotiation- Full/half-duplex mode- Automatic MDI/MDI-X connection 100/1000BaseSFP ports- 2 (SDS-3016-2GSFP series) Standards- IEEE 802.3 for 10BaseT- IEEE 802.3u for 100BaseT(X)- IEEE 802.3ab for 1000BaseT(X)- IEEE 802.3z for 1000BaseX- IEEE 802.3x for flow control- IEEE 802.1D-2004 for the Spanning Tree Protocol- IEEE 802.1w for the Rapid Spanning Tree Protocol- IEEE 802.1Q for VLAN tagging- IEEE 802.1p for Class of Service Ethernet Software Features Industrial protocols- EtherNet/IP- Modbus TCP- PROFINET IO Device Management- Back Pressure Flow Control- DHCP Client- Flow control- IPv4/IPV6- LLDP- Port Mirror- SNMP Inform- SNMPv1/v2c/v3- Syslog MIB Syslog MIB- RFC1213- Ethernet-like MIB- IF MIB- LLDP MIB- Bridge MIB- Q-BRIDGE MIB Redundancy protocols- RSTP- STP- MRPSecurity- Broadcast Storm Protection- HTTPS/SSL- SNMPv3- Port Lock Time Management- NTP Server/Client- SNTP Filter- 802.1Q VLAN Switch properties MAC table size- 8 K Max. No. VLANs- 8 VLAN ID range- VID 1 to 4094 Packet buffer size- 3 Mbits USB interface Storage port- USB type A LED interface LED indicators- PWR1, PWR2, STATE, FAULT, 10/100M, 1000M (TP port) Performance parameters Connection- 2 removable 4-contact terminal block(s) Input voltage- 12/24/48/-48 VDC- Redundant dual inputs Operating voltage- 9.6 to 60 VDC Input current- 12-48 VDC, 0.858 A (max.) Overload current protection- Supported Reverse polarity protection- Supported Physical properties Housing- MetallIP protection class- IP40 Dimensions- 36 x 135 x 111 mm (1.42 x 5.32 x 4.37 in) Weight- 590 g (1.3 lb) Installation- DIN rail mounting Environmental limits Operating temperature- -10 to 60°C (14 to 140°F) Storage temperature (including packaging)- - -40 to 85°C (-40 to 185°F) Relative humidity- 5 to 95% (non-condensing) Standards and certifications EMC- EN 55032/35- EN 61000-6-2/-6-4 EMI- CISPR 32, FCC Part 15B Class A EMS- IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV- IEC 61000-4-3 RS: 80 MHz to 1 GHz: 10 V/m- IEC 61000-4-4 EFT: Power: 1 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: 30 A/m Safety- EN 62368-1- UL 61010-2-201 Shock- IEC 60068-2-27 Free fall- IEC 60068-2-32 Vibration- IEC 60068-2-6 MTBF Time- 1.109,179 hours Standards- Telcordia (Bellcore), GB

Specifications

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prices and availability

