



Main

Range of product	ConneXium
Product or component type	Ethernet TCP/IP managed switch
Concept	Transparent Ready
Communication port protocol	Ethernet TCP/IP SSH HTTP HTTPS SNMP MRP (Media Redundancy Protocol) RSTP SFTP SCP LLDP
Port Ethernet	100BASE-FX - 2 port(s) fiber optic 10BASE-T/100BASE-T - 6 port(s) copper cable
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening Role-based access control

Complementary

Integrated connection type	Duplex SC fiber optic Shielded RJ45 copper cable
Transmission support medium	Twisted shielded pairs cable CAT 5E for copper cable Single mode optical fiber for fiber optic
Maximum cable distance between devices	100 m copper cable
Optic fiber length	32.5 km 9/125 μm
Attenuation	0...16 dB (9/125 μm)
Ethernet service	Configuration via web server IGMP Snooping Data stream control VLAN Secure port Multicast filtering SMTP V3 SNMP-Traps and SYSLOG Priority port

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Communication service	Telnet TFTP Address conflict detection Port monitoring Port mirroring
Diagnostics run time	Signal contact Self test
Maximum number of switches in a ring	50
Redundancy	Redundant power supplies Ring coupling Redundant single ring HiPER ring Dual RSTP
[Us] rated supply voltage	12...48 V
Supply voltage limits	10...60 V DC SELV
Power consumption in W	12 W
Electrical connection	2 removable connectors 2 ways power supply
Mounting support	35 mm symmetrical DIN rail
Marking	CE
Local signalling	2 LEDs P1 P2 power supplies: 1 LED fault: 1 LED ring manager: 1 LED stand-by: 1 LED per channel copper port activity: 1 LED per channel copper port status:
Alarm output	2 volt free contact 1 A
Alarm function	High temperature Data link status Power supply fault
Ethernet cabling system	TF switches
MTBF reliability	477243.0 H
Width	120 mm
Height	137 mm
Depth	115 mm
Net weight	1 kg

Environment

Ambient air temperature for operation	0...60 °C
Relative humidity	0...95 % without condensation
IP degree of protection	IP30
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
Standards	IEC 61850-3 CSA C22.2 No 213 Class I Division 2 CSA C22.2 No 214 UL 1604 Class 1 Division 2 EN/IEC 61131-2 UL 508
Product certifications	BV GL C-Tick LR

Offer Sustainability

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes

China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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Dimensions

