



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 RS232 LLDP Telnet SNTP MRP (Media Redundancy Protocol)
Port Ethernet	10/100BASE-TX - 3 copper cable 100BASE-FX - 1 fiber optic
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening

Complementary

Integrated connection type	Shielded RJ45 copper cable Duplex SC fiber optic
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 VLAN Multicast filtering

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

	Data stream control IGMP Snooping SNMP-Traps and SYSLOG
Communication service	TFTP Quality of Service (QoS) Port monitoring Port mirroring Address conflict detection
Diagnostics run time	Signal contact Self test
Maximum number of switches in a ring	50
Redundancy	HiPER ring RSTP Redundant network coupling
[Us] rated supply voltage	12...48 V
Supply voltage limits	9.6...60 V DC SELV 18...30 V AC SELV
Power consumption in W	6.5 W
Electrical connection	Removable connector 6 ways power supply
Mounting support	35 mm symmetrical DIN rail
Marking	CE UL RCM EtherNet/IP
Function available	Alarms (Traps) System information Report Trap log
Local signalling	1 dual colour LED (green/yellow) for P1 P2 power supplies Fault 1 LED red) Ring manager 1 dual colour LED green/yellow) Stand-by 1 LED green) Link status 1 LED per channel green) ACT 1 LED per channel yellow) Device status
Alarm output	1 voltfree contact 1 A
Alarm function	Power supply fault Data link status Redundancy ring fault Switch fault
Ethernet cabling system	TF switches
MTBF reliability	529070.0 H
Width	1.85 in (47 mm)
Height	5.16 in (131 mm)
Depth	4.37 in (111 mm)
Net weight	0.88 lb(US) (0.4 kg)

Environment

Ambient air temperature for operation	32...140 °F (0...60 °C)
Relative humidity	10...95 % non-condensing
IP degree of protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility 2012/19/EU - WEEE directive
Standards	UL 508 EN/IEC 61131 IEC 61850-3
Product certifications	CE UL RCM ODVA EtherNet/IP BV GL

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	17.64 oz (500 g)
Package 1 Height	2.56 in (6.5 cm)
Package 1 width	6.50 in (16.5 cm)
Package 1 Length	9.45 in (24 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
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

