



Main

Range of product	ConneXium
Product or component type	Ethernet TCP/IP managed switch
Product specific application	For severe environments
Concept	Transparent Ready
Communication port protocol	Ethernet TCP/IP SSH HTTP HTTPS SNMP RS232 LLDP Telnet SNTP MRP (Media Redundancy Protocol)
Port Ethernet	100BASE-FX - 2 fiber optic 10/100BASE-TX - 6 copper cable
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening

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 VLAN Multicast filtering 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	24...48 V
Supply voltage limits	18...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 UL RCM ATEX
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 red) Signal contact 1 1 LED yellow) Signal contact 2 1 LED yellow) Channel diagnostic 1 LED per channel green/yellow) Device status
Alarm output	2 voltfree contact 2 A
Alarm function	Power supply fault Data link status High temperature External memory removed
Ethernet cabling system	TF switches
MTBF reliability	477243.0 H
Width	4.72 in (120 mm)
Height	5.39 in (137 mm)
Depth	4.53 in (115 mm)
Net weight	2.20 lb(US) (1 kg)

Environment

Ambient air temperature for operation	-40...185 °F (-40...85 °C)
Relative humidity	10...95 % non-condensing
IP degree of protection	IP30
Protective treatment	Conformal coating
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 CSA C22.2 No 213 Class I Division 2 UL 1604 Class 1 Division 2
Product certifications	CE UL RCM ATEX LR GL

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	4.17 lb(US) (1.891 kg)
Package 1 Height	8.27 in (21 cm)
Package 1 width	8.66 in (22 cm)
Package 1 Length	8.86 in (22.5 cm)
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Weight	9.44 lb(US) (4.282 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	15.75 in (40 cm)
Package 2 Length	23.62 in (60 cm)

Offer Sustainability

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
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

