



### 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	10/100BASE-TX - 8 port(s) copper cable
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening

### Complementary

Integrated connection type	Shielded RJ45 copper cable
Transmission support medium	Twisted shielded pairs cable CAT 5E for copper cable
Maximum cable distance between devices	100 m copper cable
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	10 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	541481.0 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 BV

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1

Package 1 Weight	4.13 lb(US) (1.873 kg)
Package 1 Height	8.27 in (21 cm)
Package 1 width	8.66 in (22 cm)
Package 1 Length	9.06 in (23 cm)

### Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS declaration</a>
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
----------	-----------

Dimensions

