



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 MRP (Media Redundancy Protocol) RSTP SFTP SCP LLDP
Port Ethernet	100BASE-FX - 2 fiber optic 10BASE-T/100BASE-T - 6 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 copper cable Single mode optical fiber fiber optic
Maximum cable distance between devices	328.08 ft (100 m) copper cable
Optic fiber length	20.19 mile (32.5 km) 9/125 µm
Attenuation	0...16 dB 9/125 µm)
Ethernet service	VLAN SMTP V3 Secure port Multicast filtering IGMP Snooping Configuration via web server Data stream control SNMP-Traps and SYSLOG Priority port
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	P1 P2 power supplies 2 LEDs Fault 1 LED Ring manager 1 LED Stand-by 1 LED Copper port activity 1 LED per channel Copper port status 1 LED per channel
Alarm output	2 voltfree contact 1 A
Alarm function	Data link status High temperature Power supply fault
Ethernet cabling system	TF switches
MTBF reliability	477243.0 H
Maximum Width	4.72 in (120 mm)
Maximum Height	5.39 in (137 mm)
Maximum 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	0...95 % without condensation
IP degree of protection	IP30
Protective treatment	Conformal coating Humiseal 1A33
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 EN/IEC 61131-2 UL 508 UL 1604 Class 1 Division 2
Product certifications	GL C-tick LR BV

Ordering and shipping details

Category	18481 - CONNEXIUM NETWORKING HARDWARE
Discount Schedule	PC40
GTIN	03595864115481
Nbr. of units in pkg.	1
Package weight(Lbs)	4.12 lb(US) (1.87 kg)
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
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

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
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

