Product data sheet
Characteristics

TCSESM063F2CU1
ConneXium Extended Managed Switch - 6 ports for copper + 2 ports for fiber optic multimode

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	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 copper cable Multimode optical fiber fiber optic
Maximum cable distance between devices	328.08 ft (100 m) copper cable
Optic fiber length	2.49 Mile (4 km) 62.5/125 µm 3.11 mile (5 km) 50/125 µm
Attenuation	0…11 DB 62.2/125 µm) 0…8 dB 50/125 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein.
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.
It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof.
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Marking	CE UL RCM ATEX
Function available	Alarms (Traps) System information Report Trap log
Local signalling	For P1 P2 power supplies 1 dual colour LED (green/yellow) For fault 1 LED (red) For ring manager 1 dual colour LED (green/yellow) For stand-by 1 LED (red) For signal contact 1 1 LED (yellow) For signal contact 2 1 LED (yellow) For 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	472820.0 H
Width	4.72 in (120 mm)
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	32…140 °F (0…60 °C)
Relative humidity	10…95 % non-condensing
IP degree of protection	IP30
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Standards	UL 508 EN/IEC 61131 IEC 61850-3
Product certifications	CE UL RCM ATEX LR GL BV

Ordering and shipping details

Category	18225 - PLC NTWRK HRDWR & PROWORX SOFTWARE
Discount Schedule	PC41
GTIN	00785901918912
Nbr. of units in pkg.	1
Package weight(Lbs)	3.3 lb(US) (1.50 kg)
Returnability	Yes
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	8.27 in (21 cm)
Package 1 width	8.86 in (22.5 cm)
Package 1 Length	8.98 in (22.8 cm)
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Weight	8.16 lb(US) (3.7 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

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
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
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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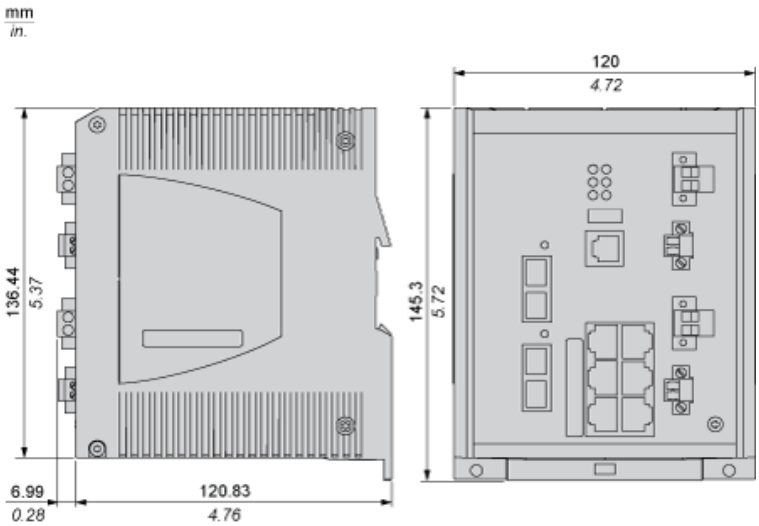
Dimensions