Product datasheet
Characteristics

TCSESM243F2CU0
Ethernet TCP/IP managed switch - ConneXium -22TX/2FX - multimode

Green Premium™

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 MRP (Media Redundancy Protocol) RSTP SFTP SCP LLDP
Port Ethernet	100BASE-FX - 2 port(s) fiber optic 10BASE-T/100BASE-TX - 22 port(s) 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 for copper cable Multimode optical fiber for fiber optic
Maximum cable distance between devices	100 m copper cable
Optic fiber length	4 km 62.2/125 µm
Attenuation	11 dB (62.2/125 µm) 8 dB (50/125 µm)
Ethernet service	IGMP Snooping Configuration via web server SMTP V3

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	Secure port
	Data stream control
	VLAN
	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 single ring
	Ring coupling
	Redundant power supplies
	HiPER ring
[Us] rated supply voltage	24 V
Supply voltage limits	9.6…60 V DC SELV
	18…30 V AC SELV
Power consumption in W	14.5 W
Electrical connection	Removable connector 6 ways power supply
Mounting support	35 mm symmetrical DIN rail
Marking	CE
Local signalling	2 LEDsP1 P2 power supplies:
	1 LEDfault:
	1 LEDring manager:
	1 LEDstand-by:
	1 LED per channelcopper port activity:
	1 LED per channelcopper port status:
Alarm function	Data link status
	Switch fault
	Redundancy ring fault
	Power supply fault
Ethernet cabling system	TF switches
MTBF reliability	276271.0 H
Width	111 mm
Height	131 mm
Depth	111 mm
Net weight	0.61 kg

Environment

Ambient air temperature for operation	0…60 °C
Relative humidity	10…95 % without condensation
IP degree of protection	IP20
Directives	2014/35/EU - low voltage directive
	2014/30/EU - electromagnetic compatibility
	2012/19/EU - WEEE directive
Standards	UL 1604
	UL 508
	CSA C22.2 No 213 Class I Division 2
	CSA C22.2 No 142
	CUL 60950
Product certifications	GL
	C-Tick

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	924 g
Package 1 Height	13.2 cm

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Package 1 width	16.3 cm
Package 1 Length	23.3 cm
Unit Type of Package 2	S04
Number of Units in Package 2	8
Package 2 Weight	8.1 kg
Package 2 Height	30 cm
Package 2 width	40 cm
Package 2 Length	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
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	12 months

Dimensions

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