TCSESM083F23F1C

Ethernet TCP/IP extended managed switch - ConneXium - 8 ports for copper -Coated

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	10BASE-T/100BASE-TX - 8 copper cable
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening Role-based access control

Complementary

Integrated connection type	Shielded RJ45 copper cable
Transmission support medium	Twisted shielded pairs cable CAT 5E copper cable
Maximum cable distance between devices	328.08 ft (100 m) copper cable
Ethernet service	Data stream control Multicast filtering VLAN IGMP Snooping Secure port SMTP V3 Configuration via web server 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	Ring coupling Redundant power supplies 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	10 W
Electrical connection	2 removable connectors 2 ways power supply
Mounting support	35 mm symmetrical DIN rail
Marking	CE

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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	541481.0 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	CSA C22.2 No 213 Class I Division 2
	UL 508
	CSA C22.2 No 214
	UL 1604 Class 1 Division 2
	IEC 61850-3
	EN/IEC 61131-2
Product certifications	LR
	GL
	BV
	C-tick

Ordering and shipping details

Category	18481 - CONNEXIUM NETWORKING HARDWARE
Discount Schedule	PC40
GTIN	03595864115467
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	9.06 in (23 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.

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Contractual warranty

Warranty	18 months

Dimensions

$\dfrac{mm}{in.}$

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