

TCSESM103F2LG0

Ethernet TCP/IP managed switch - ConneXium
- 8 ports copper + 2 for fiber optic



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	1000 SFP - 2 fiber optic (Gbit) 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	LC fiber optic Shielded RJ45 copper cable
Transmission support medium	Fiber optic cable fiber optic Twisted shielded pairs cable CAT 6 copper cable
Maximum cable distance between devices	328.08 ft (100 m) copper cable
Optic fiber length	2.49 Mile (4 km) 62.2/125 µm 20.19 mile (32.5 km) 9/125 µm
Attenuation	11 DB 62.2/125 µm) 8 DB 50/125 µm) 0...16 dB 9/125 µm)
Ethernet service	Secure port VLAN SMTP V3 Multicast filtering Data stream control IGMP Snooping 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	8.3 W
Electrical connection	Removable connector 6 ways power supply

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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	1 voltfree contact 1 A
Alarm function	Redundancy ring fault Switch fault Data link status Power supply fault
Ethernet cabling system	TF switches
MTBF reliability	345635.0 H
Maximum Width	2.91 in (74 mm)
Maximum Height	5.16 in (131 mm)
Maximum Depth	4.37 in (111 mm)
Net Weight	0.90 lb(US) (0.41 kg)

Environment

Ambient air temperature for operation	32...140 °F (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 508 CSA C22.2 No 142 CUL 60950 CSA C22.2 No 213 Class I Division 2 UL 1604
Product certifications	C-tick GL

Ordering and shipping details

Category	18225 - PLC NTWRK HRDWR & PROWORX SOFTWARE
Discount Schedule	PC41
GTIN	00785901798606
Nbr. of units in pkg.	1
Package weight(Lbs)	2.21 lb(US) (1.00 kg)
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.00 in (12.7 cm)
Package 1 width	6.42 in (16.3 cm)
Package 1 Length	9.21 in (23.4 cm)
Unit Type of Package 2	S04
Number of Units in Package 2	8
Package 2 Weight	13.45 lb(US) (6.1 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
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	18 months
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Dimensions

