Product datasheet

Specification





network switch, Modicon Networking, basic managed, 6 ports for copper, 2 ports for fiber optic, multimode

TCSESB083F2CU0

Main

Range Of Product	ConneXium
Product Or Component Type	Ethernet TCP/IP managed switch
Concept	Transparent Ready
Communication Port Protocol	Ethernet TCP/IP HTTP HTTPS
	SNMP RS232 LLDP SNTP MRP (Media Redundancy Protocol)
Port Ethernet	10/100BASE-TX - 6 port(s) copper cable 100BASE-FX - 2 port(s) fiber optic
Maximum Number Of Switches In Cascade	Unlimited
Cybersecurity	Role-based access control

Complementary

Complementary	
Integrated Connection Type	Shielded RJ45 copper cable Duplex SC fiber optic
Transmission Support Medium	Twisted shielded pairs cable CAT 5E for fiber optic Multimode optical fiber for copper cable
Maximum Cable Distance Between Devices	100 m copper cable
Optic Fiber Length	4 km 62.5/125 μm 5 km 50/125 μm
Attenuation	011 dB (62.2/125 μm) 08 dB (50/125 μm)
Ethernet Service	Configuration via web server Multicast filtering Data stream control IGMP Snooping SNMP-Traps and SYSLOG
Communication Service	TFTP Quality of Service (QoS) Port monitoring Port mirroring
Diagnostics Run Time	Signal contact Self test
Maximum Number Of Switches In A Ring	50
Redundancy	HiPER ring RSTP
[Us] Rated Supply Voltage	1224 V

Supply Voltage Limits	9.632 V DC SELV
Power Consumption In W	8 W
Electrical Connection	Removable connector 6 ways power supply
Mounting Support	35 mm symmetrical DIN rail
Marking	CE
	UL
	RCM
Function Available	System information
Local Signalling	1 dual colour LED (green/yellow) for P1 P2 power supplies
	1 LED (red) for fault
	1 dual colour LED (green/yellow) for ring manager
	1 LED (green) for stand-by
	1 dual colour LED (green/yellow) for channel diagnostic
	Device status
Alarm Output	1 voltfree contact 1 A
Alarm Function	Power supply fault
	Data link status
	Switch fault
	Redundancy ring fault
	Switch fault
	Incorrect configuration
	Temperature threshold
Ethernet Cabling System	TF switches
Width	74 mm
Height	131 mm
Depth	111 mm
Net Weight	0.41 kg

Environment

Ambient Air Temperature For Operation	060 °C
Relative Humidity	1095 % non-condensing
Ip Degree Of Protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Standards	UL 508 EN/IEC 61131
Product Certifications	CE UL RCM

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	13.300 cm
Package 1 Width	16.100 cm
Package 1 Length	23.300 cm
Package 1 Weight	596.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	4

Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	2.742 ka

Contractual warranty

Warranty 18 months

Sustainability Screen Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance



Mercury Free



Rohs Exemption Information

Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
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
Circularity Profile	End of Life Information

Dimensions Drawings

Dimensions

