Product data sheet
Characteristics

TCSESB083F2CU0
network switch, Modicon Networking, basic managed, 6 ports for copper, 2 ports for fiber optic, multimode

Green Premium Product

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 copper cable 100BASE-FX - 2 fiber optic
Maximum number of switches in cascade	Unlimited
Cybersecurity	Role-based access control

Complementary

Integrated connection type	Shielded RJ45 copper cable Duplex SC fiber optic
Transmission support medium	Twisted shielded pairs cable CAT 5E fiber optic Multimode optical fiber copper cable
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 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	12...24 V
Supply voltage limits	9.6…32 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	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 (green)
	For channel diagnostic 1 dual colour LED (green/yellow)
	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	2.91 in (74 mm)
Height	5.16 in (131 mm)
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 % 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[RETURN]UL[RETURN]RCM

Ordering and shipping details

Category	18225-PLC NTWRK HRDWR & PROWORX SOFTWARE
Discount Schedule	PC41
GTIN	3595864115436
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.24 in (13.300 cm)
Package 1 Width	6.34 in (16.100 cm)
Package 1 Length	9.17 in (23.300 cm)
Package 1 Weight	21.02 oz (596.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	11.81 in (30.000 cm)
Package 2 Length	15.75 in (40.000 cm)
Package 2 Weight	6.05 lb(US) (2.742 kg)

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)
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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

Dimensions