

# TCSESB083F2CU0

## ConneXium Basic Managed Switch - 6 ports for copper + 2 ports for fiber optic multimode



### 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 $\mu\text{m}$ 3.11 mile (5 km) 50/125 $\mu\text{m}$
Attenuation	0...11 DB 62.2/125 $\mu\text{m}$ ) 0...8 dB 50/125 $\mu\text{m}$ )
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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
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 UL RCM

## Ordering and shipping details

Category	18225-PLC NTRK HRDWR & PROWORX SOFTWARE
Discount Schedule	PC41
GTIN	3595864115436
Nbr. of units in pkg.	1
Package weight(Lbs)	21.02 oz (596.0 g)
Returnability	No
Country of origin	DE

## Packing Units

Unit Type of Package 1	PCE
Package 1 Height	5.24 in (13.3 cm)
Package 1 width	6.34 in (16.1 cm)
Package 1 Length	9.17 in (23.3 cm)
Unit Type of Package 2	S04
Number of Units in Package 2	8
Package 2 Weight	12.09 lb(US) (5.483 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

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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
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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