Product datasheet

Specifications



To be discontinued

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

Local distributor code:

398053811 TCSESB083F23F0

To be discontinued on: 1 Dec 2027

To be end-of-service on: 31 Dec 2030

EAN Code: 3595864115429

Main

Range of product	Modicon Networking
Product or component type	Ethernet TCP/IP managed switch
Communication port protocol	Ethernet TCP/IP HTTP HTTPS SNMP LLDP SNTP MRP (Media Redundancy Protocol)
Port Ethernet	10/100BASE-TX - 8 port(s) copper cable
Maximum number of switches in cascade	Unlimited
Cybersecurity	Role-based access control

Complementary

Integrated connection type	Shielded RJ45 copper cable
Transmission support medium	Twisted shielded pairs cable CAT 5E for copper cable
Maximum cable distance between devices	100 m copper cable
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	6 W
Electrical connection	Removable connector 6 ways power supply
Mounting support	35 mm symmetrical DIN rail

Disclaimer: 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

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	47 mm
Height	131 mm
Depth	111 mm
Net weight	0.4 kg

Environment

Ambient air temperature for operation	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 EAC UKCA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.500 cm
Package 1 Width	16.000 cm
Package 1 Length	24.000 cm
Package 1 Weight	412.000 g
Unit Type of Package 2	S04
Number of Units in Package 2	20
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm

Package 2 Weight	8.930 kg

Logistical informations

Country of origin	DE

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**261 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**4 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**256 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.7 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**4ef40d87-1149-40ff-8202-2b7600a9a574**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**

Use Again

Repack and remanufacture

Recyclability potential, in %	**9**
End of life manual availability	**End of Life Information**
Take-back	**No**

Dimensions Drawings

Dimensions

