Product data sheet

Specifications



Discontinued - Service only

ConneXium Managed Switch - 16 ports for copper

TCSESM163F23F0

Discontinued on: Sep 15, 2023

End-of-service on: Dec 31, 2024

Product availability: Non-Stock - Not normally stocked in distribution facility

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 RS232 LLDP Telnet SNTP MRP (Media Redundancy Protocol)
Port Ethernet	10/100BASE-TX - 16 copper cable
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening

Complementary

Integrated connection type	Shielded RJ45 copper cable
Transmission support medium	Twisted shielded pairs cable CAT 5E copper cable
Maximum cable distance between devices	328.08 ft (100 m) copper cable
Ethernet service	Configuration via web server VLAN Multicast filtering Data stream control IGMP Snooping SNMP-Traps and SYSLOG
Communication Service	TFTP Quality of Service (QoS) Port monitoring Port mirroring Address conflict detection
Diagnostics run time	Signal contact Self test
Maximum number of switches in a ring	50
Redundancy	HiPER ring RSTP Redundant network coupling
[Us] rated supply voltage	12...48 V

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Supply voltage limits	9.6…60 V DC SELV 18…30 V AC SELV
Power Consumption in W	9.4 W
Electrical connection	Removable connector 6 ways power supply
Mounting Support	35 mm symmetrical DIN rail
Marking	CE UL RCM EtherNet/IP
Function Available	Alarms (Traps) System information Report Trap log
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 LED per channel (green) for link status 1 LED per channel (yellow) for ACT Device status
Alarm output	1 voltfree contact 1 A
Alarm function	Power supply fault Data link status Redundancy ring fault Switch fault
Ethernet cabling system	TF switches
Width	4.4 in (111 mm)
Height	5.2 in (131 mm)
Depth	4.4 in (111 mm)
Product Weight	1.3 lb(US) (0.6 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 IEC 61850-3
Product certifications	CE UL RCM ODVA EtherNet/IP BV GL

Ordering and shipping details

Category	US1PC4118225
Discount Schedule	PC41
GTIN	3595863892468
Returnability	Yes

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.1 in (13.0 cm)
Package 1 Width	6.3 in (16.0 cm)
Package 1 Length	9.4 in (24.0 cm)
Package weight(Lbs)	29.3 oz (830.0 g)
Unit Type of Package 2	S04
Number of Units in Package 2	8
Package 2 Height	11.8 in (30.0 cm)
Package 2 Width	15.7 in (40.0 cm)
Package 2 Length	23.6 in (60.0 cm)
Package 2 Weight	14.64 lb(US) (6.64 kg)

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 >

Use Better

Materials and Substances

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
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

Use Longer

Lifetime extension

Repair	No

Dimensions Drawings

Dimensions

