

# Product data sheet

Specifications



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

TCSESM063F2CU1

⚠ Discontinued on: Dec 31, 2024

⚠ To be end-of-service on: Dec 31, 2026

⚠ Discontinued - Service only

### 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	100BASE-FX - 2 port(s) fiber optic 10/100BASE-TX - 6 port(s) copper cable
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening

### Complementary

Integrated connection type	Duplex SC fiber optic Shielded RJ45 copper cable
Transmission support medium	Twisted shielded pairs cable CAT 5E for copper cable Multimode optical fiber for fiber optic
Maximum cable distance between devices	100 m copper cable
Optic fiber length	4 km 62.5/125 µm 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 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

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

Maximum number of switches in a ring	50
Redundancy	HIPER ring RSTP Redundant network coupling
[Us] rated supply voltage	24...48 V
Supply voltage limits	18...60 V DC SELV
Power consumption in W	12 W
Electrical connection	2 removable connectors 2 ways power supply
Mounting support	35 mm symmetrical DIN rail
Marking	CE UL RCM ATEX
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 (red) for stand-by 1 LED (yellow) for signal contact 1 1 LED (yellow) for signal contact 2 1 LED per channel (green/yellow) for channel diagnostic Device status
Alarm output	2 voltfree contact 2 A
Alarm function	Power supply fault Data link status Temperature threshold External memory removed
Ethernet cabling system	TF switches
Width	120 mm
Height	137 mm
Depth	115 mm
Net weight	1 kg

## Environment

Ambient air temperature for operation	0...60 °C
Relative humidity	10...95 % non-condensing
IP degree of protection	IP30
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 ATEX LR GL BV

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	22.500 cm
<b>Package 1 Width</b>	22.500 cm
<b>Package 1 Length</b>	22.800 cm
<b>Package 1 Weight</b>	1.499 kg
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	2
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	40.000 cm
<b>Package 2 Length</b>	60.000 cm
<b>Package 2 Weight</b>	3.910 kg

## **Contractual warranty**

<b>Warranty</b>	18 months
-----------------	-----------



## 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

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

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](http://www.P65Warnings.ca.gov)

### Use Again

#### Repack and remanufacture

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

Take-back

No

## Dimensions Drawings

## Dimensions

mm  
in.

