

# Product datasheet

Specifications



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

TCSESM043F2CU0

⚠ Discontinued on: 31 Mar 2023

⚠ To be end-of-service on: 31 Dec 2024

⚠ To be discontinued

### 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 - 2 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 $\mu$ m 5 km 50/125 $\mu$ m
Attenuation	0...11 dB (62.2/125 $\mu$ m) 0...8 dB (50/125 $\mu$ m)
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

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

<b>Maximum Number Of Switches In A Ring</b>	50
<b>Redundancy</b>	HiPER ring RSTP Redundant network coupling
<b>[Us] Rated Supply Voltage</b>	12...48 V
<b>Supply Voltage Limits</b>	9.6...60 V DC SELV 18...30 V AC SELV
<b>Power Consumption In W</b>	7.7 W
<b>Electrical Connection</b>	Removable connector 6 ways power supply
<b>Mounting Support</b>	35 mm symmetrical DIN rail
<b>Marking</b>	CE UL RCM EtherNet/IP
<b>Function Available</b>	Alarms (Traps) System information Report Trap log
<b>Local Signalling</b>	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
<b>Alarm Output</b>	1 voltfree contact 1 A
<b>Alarm Function</b>	Power supply fault Data link status Redundancy ring fault Switch fault
<b>Ethernet Cabling System</b>	TF switches
<b>Width</b>	47 mm
<b>Height</b>	131 mm
<b>Depth</b>	111 mm
<b>Net Weight</b>	0.4 kg

## Environment

<b>Ambient Air Temperature For Operation</b>	0...60 °C
<b>Relative Humidity</b>	10...95 % non-condensing
<b>Ip Degree Of Protection</b>	IP20
<b>Directives</b>	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
<b>Standards</b>	UL 508 EN/IEC 61131 IEC 61850-3
<b>Product Certifications</b>	CE UL RCM ODVA EtherNet/IP BV GL

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
-------------------------------	-----

<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	6.5 cm
<b>Package 1 Width</b>	16.5 cm
<b>Package 1 Length</b>	23.5 cm
<b>Package 1 Weight</b>	520.0 g
<b>Unit Type Of Package 2</b>	S04
<b>Number Of Units In Package 2</b>	20
<b>Package 2 Height</b>	30.0 cm
<b>Package 2 Width</b>	40.0 cm
<b>Package 2 Length</b>	60.0 cm
<b>Package 2 Weight</b>	10.4 kg

## Contractual warranty

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

## Sustainability


**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.


**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

## Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

**Reach Regulation** [REACH Declaration](#)

**Eu Rohs Directive** Pro-active compliance (Product out of EU RoHS legal scope)

**China Rohs Regulation** [China RoHS declaration](#)

**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions

---

