

# Product datasheet

Specifications



## Ethernet TCP/IP managed switch - ConneXium - 3TX/1FX - single mode

Local distributor code:  
389839918

TCSESM043F1CS0

⚠ Discontinued on: 23 Apr 2025

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EAN Code: 3595863892451

### 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 - 3 port(s) copper cable 100BASE-FX - 1 port(s) fiber optic
Maximum number of switches in cascade	Unlimited
Cybersecurity	Port hardening

### Complementary

Integrated connection type	Shielded RJ45 copper cable Duplex SC fiber optic
Transmission support medium	Twisted shielded pairs cable CAT 5E for copper cable Single mode optical fiber for fiber optic
Maximum cable distance between devices	100 m copper cable
Optic fiber length	32.5 km 9/125 μm
Attenuation	0...16 dB (9/125 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
Maximum number of switches in a ring	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>	6.5 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>	6.100 cm
<b>Package 1 Width</b>	16.200 cm
<b>Package 1 Length</b>	24.200 cm
<b>Package 1 Weight</b>	480.000 g
<b>Unit Type of Package 2</b>	S03
<b>Number of Units in Package 2</b>	4
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	30.000 cm
<b>Package 2 Length</b>	40.000 cm
<b>Package 2 Weight</b>	2.390 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## 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

 <b>Materials and Substances</b>	
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
SCIP Number	4ef40d87-1149-40ff-8202-2b7600a9a574
REACH Regulation	<a href="#">REACH Declaration</a>

Dimensions Drawings

Dimensions

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