

# TCSESM063F2CU1

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



## 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
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[RETURN]UL[RETURN]RCM[RETURN]ATEX[RETURN]LR[RETURN]GL[RETURN]BV

## Packing Units

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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes

Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

## Contractual warranty

Warranty	18 months
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Dimensions

