



Commercial status

End-of-Sale Notice :

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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

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|--|--|
| Integrated connection type | Duplex SC fiber optic Shielded RJ45 copper cable |
| 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 |
| Redundancy | HiPER ring RSTP Redundant network coupling |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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|---------------------------|---|
| [Us] rated supply voltage | 12...48 V |
| Supply voltage limits | 9.6...60 V DC SELV 18...30 V AC SELV |
| Power consumption in W | 7.7 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 | 47 Mm |
| Height | 131 Mm |
| Depth | 111 Mm |
| Net weight | 0.4 Kg |

Environment

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|---------------------------------------|--|
| Ambient air temperature for operation | 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[RETURN]UL[RETURN]RCM[RETURN]ODVA EtherNet/IP[RETURN]BV[RE- TURN]JGL |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 6.000 Cm |
| Package 1 Width | 16.500 Cm |
| Package 1 Length | 24.000 Cm |
| Package 1 Weight | 480.000 G |
| Unit Type of Package 2 | S04 |
| Number of Units in Package 2 | 20 |
| Package 2 Height | 30.000 Cm |
| Package 2 Width | 40.000 Cm |
| Package 2 Length | 60.000 Cm |
| Package 2 Weight | 10.889 Kg |

Offer Sustainability

| | |
|----------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| 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 |

Contractual warranty

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| Warranty | 18 months |
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Product Life Status : **Post commercialisation**

TCSESM043F2CS0 may be replaced by any of the following products:



MCSESM063F2CS0

network switch, Modicon Networking, managed, 4 ports for copper with 2 port for fiber optic, singlemode
Qty 1

Substitution date: |