

Product data sheet

Specifications



ConneXium Managed Switch - 8 ports for copper

TCSESM083F23F0

- ⚠ To be discontinued on: 31 December 2022
- ⚠ To be end-of-service on: 31 December 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 | 10/100BASE-TX - 8 port(s) copper cable |
| Maximum number of switches in cascade | Unlimited |
| Cybersecurity | Port hardening |

Complementary

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|--|--|
| Integrated connection type | Shielded RJ45 copper cable |
| Transmission support medium | Twisted shielded pairs cable CAT 5E for copper cable |
| Maximum cable distance between devices | 100 m copper cable |
| 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 |

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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 | 5.3 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 | 74 mm |
| Height | 131 mm |
| Depth | 111 mm |
| Net weight | 0.41 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 UL RCM ODVA EtherNet/IP BV GL |

Packing Units

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|------------------------------|-------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 600 g |
| Package 1 Height | 13 cm |
| Package 1 width | 16 cm |
| Package 1 Length | 23 cm |
| Unit Type of Package 2 | S04 |

| | |
|------------------------------|--------|
| Number of Units in Package 2 | 8 |
| Package 2 Weight | 4.8 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 40 cm |
| Package 2 Length | 60 cm |

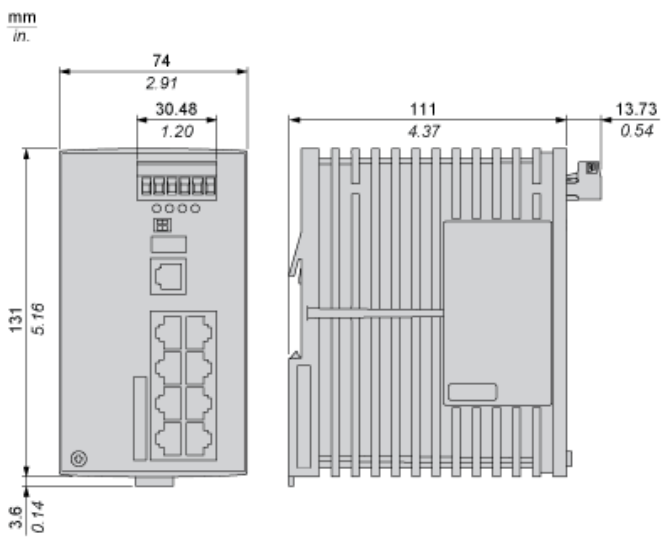
Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration |
| Environmental Disclosure | Product Environmental Profile |
| 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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Dimensions



Recommended replacement(s)

TCSESM083F23F0 is replaced by:

1x



Modicon Managed Switch - 8 ports for copper
MCSESM083F23F0