



### 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<br>SSH<br>HTTP<br>HTTPS<br>SNMP<br>RS232<br>LLDP<br>Telnet<br>SNTP<br>MRP (Media Redundancy Protocol) |
| Port Ethernet                         | 100BASE-FX - 1 port(s) fiber optic<br>10/100BASE-TX - 7 port(s) copper cable  |
| Maximum number of switches in cascade | Unlimited   |
| Cybersecurity                         | Port hardening  |

### Complementary

|  |  |
|--|--|
| Integrated connection type             | Duplex SC fiber optic<br>Shielded RJ45 copper cable  |
| Transmission support medium            | Twisted shielded pairs cable CAT 5E for copper cable<br>Multimode optical fiber for fiber optic                              |
| Maximum cable distance between devices | 100 M copper cable   |
| Optic fiber length                     | 4 Km 62.5/125 µm<br>5 Km 50/125 µm   |
| Attenuation                            | 0... 11 DB (62.2/125 µm)<br>0...8 DB (50/125 µm)   |
| Ethernet service                       | Configuration via web server<br>VLAN<br>Multicast filtering<br>Data stream control<br>IGMP Snooping<br>SNMP-Traps and SYSLOG |
| Communication service                  | TFTP<br>Quality of Service (QoS)<br>Port monitoring<br>Port mirroring<br>Address conflict detection                          |
| Diagnostics run time                   | Signal contact<br>Self test  |
| Maximum number of switches in a ring   | 50   |

|                           |   |
|---------------------------|---|
| Redundancy                | HiPER ring<br>RSTP<br>Redundant network coupling  |
| [Us] rated supply voltage | 12...48 V   |
| Supply voltage limits     | 9.6...60 V DC SELV<br>18...30 V AC SELV   |
| Power consumption in W    | 6.5 W   |
| Electrical connection     | Removable connector 6 ways power supply   |
| Mounting support          | 35 mm symmetrical DIN rail  |
| Marking                   | CE<br>UL<br>RCM<br>EtherNet/IP  |
| Function available        | Alarms (Traps)<br>System information<br>Report<br>Trap log  |
| Local signalling          | 1 dual colour LED (green/yellow) for P1 P2 power supplies<br>1 LED (red) for fault<br>1 dual colour LED (green/yellow) for ring manager<br>1 LED (green) for stand-by<br>1 LED per channel (green) for link status<br>1 LED per channel (yellow) for ACT<br>Device status |
| Alarm output              | 1 voltfree contact 1 A  |
| Alarm function            | Power supply fault<br>Data link status<br>Redundancy ring fault<br>Switch fault   |
| Ethernet cabling system   | TF switches   |
| Width                     | 74 Mm   |
| Height                    | 131 Mm  |
| Depth                     | 111 Mm  |
| Net weight                | 0.41 Kg   |




## Environment

|                                       |  |
|---------------------------------------|--|
| 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<br>2014/30/EU - electromagnetic compatibility |
| Standards                             | UL 508<br>EN/IEC 61131<br>IEC 61850-3  |
| Product certifications                | CE[RETURN]UL[RETURN]RCM[RETURN]ODVA EtherNet/IP[RETURN]BV[RE-<br>TURN]JGL        |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 13.000 Cm |
| Package 1 Width              | 16.500 Cm |
| Package 1 Length             | 23.500 Cm |
| Package 1 Weight             | 658.000 G |

## Offer Sustainability

|                            |  |
|----------------------------|--|
| 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                                    |

|                           |  |
|---------------------------|--|
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> " |

### Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Product Life Status : **Post commercialisation**

### TCSESM083F1CU0 may be replaced by any of the following products:



#### MCSESM093F1CU0

network switch, Modicon Networking, managed, 8 ports for copper with 1 port for fiber optic, multimode

Qty 1

Substitution date: |