

Product data sheet

Characteristics

MCSESM243F4LG0

network switch, Modicon Networking,
managed, 20 ports for copper with 4Gigabit
SFP



Main

| | |
|---------------------------------------|--|
| Range of product | Modicon |
| Product or component type | Ethernet TCP/IP managed switch |
| Concept | Transparent Ready |
| Communication port protocol | Ethernet TCP/IP SSH HTTP HTTPS SNMP RS232 SFTP SCP LLDP Telnet SNTP |
| Port Ethernet | 10/100BASE-TX - 20 port(s) copper cable 100/1000 SFP - 4 port(s) |
| Maximum number of switches in cascade | Unlimited |
| Cybersecurity | Port hardening IP-based port security MAC-based port security Port-based access control Role-based access control RADIUS assignment HTTPS DoS prevention VLAN-based ACL Audit trail SNMP logging Pre-login banner |

Complementary

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| Integrated connection type | Shielded RJ45 copper cable SFP port fiber optic (Gbit) |
| Transmission support medium | Twisted shielded pairs cable CAT 5E for copper cable Fiber optic cable for fiber optic (Gbit) |
| 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 MAC notification |
| Maximum number of switches in a ring | 50 |

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|---------------------------|---|
| Redundancy | HiPER ring RSTP Link aggregation Link backup Redundant network coupling MRP |
| [Us] rated supply voltage | 12...24 V |
| Supply voltage limits | 9.6...32 V DC SELV |
| Power consumption in W | 16 W |
| Electrical connection | Removable connector 6 ways power supply |
| Mounting support | 35 mm symmetrical DIN rail |
| Marking | CE CULus RCM |
| Function available | Security status Alarms (Traps) System information Report |
| Local signalling | 1 dual colour LED (green/yellow) for P1 P2 power supplies 1 dual colour LED (green/red) for device status 1 dual colour LED (green/yellow) for memory key status 1 dual colour LED (green/yellow) for channel diagnostic |
| Alarm output | 1 voltfree contact 1 A |
| Alarm function | Power supply fault Data link status Switch fault Temperature threshold Redundancy ring fault Incorrect configuration External memory removed |
| Ethernet cabling system | TF switches |
| Width | 108.8 mm |
| Height | 142.8 mm |
| Depth | 117.6 mm |
| Net weight | 1.05 kg |

Environment

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|---------------------------------------|--|
| Ambient air temperature for operation | 0...60 °C |
| Relative humidity | 1...95 % non-condensing |
| IP degree of protection | IP30 |
| Directives | 2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility |
| Standards | UL 61010-2-201 EN/IEC 61131-2 EN/IEC 62368-1 |
| Product certifications | CE[RETURN]JUL[RETURN]RCM[RETURN]DNV[RETURN]ATEX |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 22.000 cm |
| Package 1 Width | 22.500 cm |
| Package 1 Length | 23.000 cm |
| Package 1 Weight | 1.355 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 | 3.650 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 8 |

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|------------------|------------|
| Package 3 Height | 45.000 cm |
| Package 3 Width | 80.000 cm |
| Package 3 Length | 120.000 cm |
| Package 3 Weight | 21.000 kg |

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) |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile |  End Of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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Dimensions

