MCSESM123F2LG0
Modicon Managed Switch - 8 ports for copper + 4 Gigabit SFP

Green Premium™ Product

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 MRP (Media Redundancy Protocol)
Port Ethernet	10/100BASE-TX - 8 copper cable 100/1000 SFP - 4
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

Integrated connection type	Shielded RJ45 copper cable SFP port fiber optic (Gbit)
Transmission support medium	Twisted shielded pairs cable CAT 5E copper cable Fiber optic cable fiber optic (Gbit)
Maximum cable distance between devices	328.08 ft (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
Redundancy	HiPER ring RSTP Link aggregation Link backup Redundant network coupling

[Us] rated supply voltage	12...24 V
Supply voltage limits	9.6…32 V DC SELV
Power consumption in W	9 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	For P1 P2 power supplies 1 dual colour LED (green/yellow) For device status 1 dual colour LED (green/red) For memory key status 1 dual colour LED (green/yellow) For channel diagnostic 1 dual colour LED (green/yellow)
Alarm output	1 voltfree contact 1 A
Alarm function	Power supply fault Data link status Switch fault High temperature Redundancy ring fault Incorrect configuration External memory removed
Ethernet cabling system	TF switches
MTBF reliability	4326692.0 H
Width	2.87 in (73 mm)
Height	5.43 in (138 mm)
Maximum Depth	4.37 in (111 mm)
Net Weight	1.26 lb(US) (0.57 kg)

Environment

Ambient air temperature for operation	32…140 °F (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 EN/IEC 61131 EN/IEC 62368-1
Product certifications	CE UL RCM DNV-GL

Offer Sustainability

Sustainable offer status	Green Premium product
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
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
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.

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Contractual warranty

Warranty	18 months

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Dimensions

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