

Product datasheet

Specifications



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

MCSESM123F23G0

EAN Code: 3606481463432

Main

Range of product	Modicon Networking
Product or component type	Ethernet TCP/IP managed switch
Communication port protocol	Ethernet TCP/IP SSH HTTP HTTPS SNMP RS232 SFTP SCP LLDP Telnet SNTP
Port Ethernet	10/100BASE-TX - 8 port(s) copper cable 10/100/1000 BASE-TX - 4 port(s) copper (Gbit)
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
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 MAC notification

Maximum number of switches in a ring	50
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	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	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	73 mm
Height	142.8 mm
Depth	117.6 mm
Net weight	0.50 kg

Environment

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 IEC 61850-3 IEC 62443-4-2 EN 50121-4

Product certifications	CE UL RCM DNV ATEX EAC UKCA CSA C22-2 No 213 UKEX
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	12.800 cm
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Package 1 Width	16.300 cm
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Package 1 Length	23.300 cm
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Package 1 Weight	950.000 g
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Unit Type of Package 2	S03
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Number of Units in Package 2	4
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Package 2 Height	30.000 cm
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Package 2 Width	30.000 cm
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Package 2 Length	40.000 cm
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Package 2 Weight	4.250 kg
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Logistical informations

Country of origin	DE
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Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

[EU RoHS Directive](#)

Pro-active compliance (Product out of EU RoHS legal scope)

REACH Regulation

[REACH Declaration](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

[End of Life Information](#)

Take-back

No

Dimensions Drawings

Dimensions





