

Modicon Extended Managed Switch - 8 ports for copper + 2 ports for fiber optic single-mode - Harsh

MCSESM103F2CS1H

EAN Code: 3606481813879

Main

Range of product	Modicon Networking	
Product or component type	Ethernet TCP/IP managed switch	
Product specific application	For severe environments	
Communication port protocol	Ethernet TCP/IP SSH HTTP HTTPS	
	SNMP RS232 SFTP SCP LLDP Telnet SNTP	
Port Ethernet	100BASE-FX - 2 port(s) fiber optic 10/100BASE-TX - 8 port(s) copper cable	
Maximum number of switches in cascade	Unlimited	
bersecurity 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	Duplex SC fiber optic Shielded RJ45 copper cable	
Transmission support medium	Single mode optical fiber for fiber optic Twisted shielded pairs cable CAT 5E for copper cable	
Maximum cable distance between devices	100 m copper cable	
Optic fiber length	32.5 km 9/125 μm	
Attenuation	016 dB (9/125 µm)	
Ethernet service	Vice 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	a 50	
Redundancy	HiPER ring	
	RSTP Link aggregation	
	Link backup	
	Redundant network coupling MRP	
	Dual RSTP	
[Us] rated supply voltage	1224 V	
Supply voltage limits	9.632 V DC SELV	
Power consumption in W	8 W	
Electrical connection	Removable connector 6 ways power supply	
Mounting support	35 mm symmetrical DIN rail	
Marking	CE	
	CULus RCM	
	NGW	
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	
	dual colour LED (green/yellow) for memory key status 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	0.57 kg	
Environment		
	40. 70 °C	
Ambient air temperature for operation	-4070 °C	
Relative humidity	195 % non-condensing	
IP degree of protection	IP30	
Protective treatment	Conformal coating	
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility	
	2017/00/EO - 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 LR BV

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.8 cm
Package 1 Width	7.3 cm
Package 1 Length	11.1 cm
Package 1 Weight	570.0 g

Logistical informations

Country of origin

Contractual warranty

Warranty 18 months



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	
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Environmental Disclosure Product Environmental Profile

Use Better

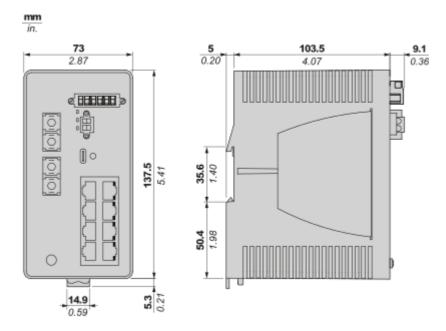
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
REACh Regulation	REACh Declaration

Use Again

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions



Product datasheet

Image of product / Alternate images

Alternative











