

# Modicon Managed Switch - 8 ports for copper + 1 port for fiber optic single-mode

MCSESM093F1CS0

### 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	100BASE-FX - 1 port(s) fiber optic 10/100BASE-TX - 8 port(s) copper cable		
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	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	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	<b>3</b> 50		
Redundancy	HiPER ring		
	RSTP Link aggregation		
	Link backup		
	Redundant network coupling MRP		
[Us] rated supply voltage	1224 V		
Supply voltage limits	9.632 V DC SELV		
Power consumption in W	7 W		
Electrical connection	Removable connector 6 ways power supply		
mounting support	35 mm symmetrical DIN rail		
marking	CE		
	CULus RCM		
	NOW		
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	0.50 kg		
Environment			
Ambient air temperature for operation	00° °C		
Relative humidity	195 % 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			
	UL			
	RCM			
	DNV			
	ATFX			

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.0 cm
Package 1 Width	13.0 cm
Package 1 Length	23.5 cm
Package 1 Weight	500.0 g
Unit Type of Package 2	CAR
Number of Units in Package 2	2
Package 2 Height	300.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	1.441 kg

# **Contractual warranty**

Warranty 18 months

## Sustainability Green Premium

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

### Well-being performance



Mercury Free



Rohs Exemption Information

Yes

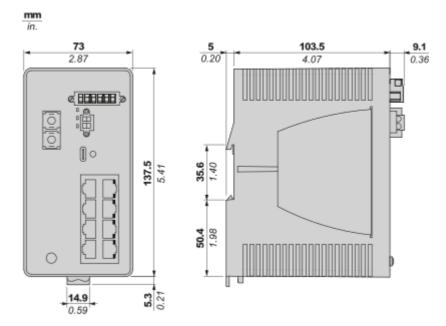
### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information

19 Sept 2024

#### **Dimensions Drawings**

#### **Dimensions**



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Image of product / Alternate images

### **Alternative**









