

# Modicon Managed Switch - 8 ports for copper - Harsh

MCSESM083F23F0H

EAN Code: 3606481813824

### Main

Range of product	Modicon
Product or component type	Ethernet TCP/IP managed switch
Product specific application	For severe environments
Concept	Transparent Ready
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
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	<b>a</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	6 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	dual colour LED (green/yellow) for P1 P2 power supplies     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	-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	
Standards	UL 61010-2-201 EN/IEC 61131-2 EN/IFC 62368-1	

EN/IEC 62368-1

Product certifications	CE		
	UL		
	RCM		
	DNV		
	ATEX		

# **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

# **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 >

Ø	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**

