

# Modicon Managed Switch - 8 ports for copper + 2 ports for fiber optic multimode

MCSESM103F2CU0

EAN Code: 3606481463395

## 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 - 2 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	Multimode 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	4 km 62.5/125 μm 5 km 50/125 μm
Attenuation	011 dB (62.2/125 μm) 08 dB (50/125 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>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	8 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	060 °C	
operation		
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**

PCE
1
13.400 cm
16.600 cm
23.800 cm
716.000 g
S04
8
30.000 cm
40.000 cm
60.000 cm
6.508 kg
P12
32
42.000 cm
80.000 cm
120.000 cm
36.000 kg

# **Logistical informations**

Country of origin DE

# **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
---	-------------------------

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

## MCSESM103F2CU0

## **Dimensions Drawings**

### **Dimensions**



