Specifications





Modicon Managed Switch - 4 ports for copper + 2 ports for fiber optic multimode

MCSESM063F2CU0

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 - 4 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	50
ring	
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
Function available	Security status
	Alarms (Traps)
	System information
	Report
Local signalling	1 dual colour LED (green/yellow) for P1 P2 power supplies
5	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	57 mm
Height	142.8 mm
Depth	117.6 mm
Net weight	0.42 kg

Environment

Ambient air temperature for operation	060 °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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	16.000 cm
Package 1 Width	6.000 cm
Package 1 Length	24.000 cm
Package 1 Weight	537.000 g
Unit Type of Package 2	S04
Number of Units in Package 2	20
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	11.756 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM 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-CO₂ products.

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

Yes

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency RoHS/REACh

Well-being performance



Rohs Exemption Information

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

Dimensions Drawings

Dimensions

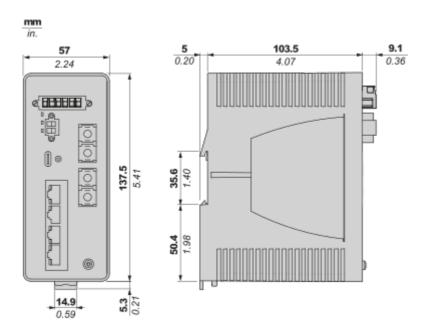


Image of product / Alternate images

Alternative









Product datasheet MCSESM063F2CU0



