



network switch, Modicon Networking, managed, 8 ports for copper with 2 ports for fiber optic, multimode

MCSESM103F2CU0

Product availability: Stock - Normally stocked in distribution facility

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 fiber optic 10/100BASE-TX - 8 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 fiber optic Twisted shielded pairs cable CAT 5E copper cable
Maximum Cable Distance Between Devices	328.08 ft (100 m) copper cable
Optic Fiber Length	2.49 mile (4 km) 62.5/125 μm 3.11 mile (5 km) 50/125 μm
Attenuation	0...11 dB 62.2/125 μm) 0...8 dB 50/125 μm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	50
Redundancy	HiPER ring RSTP Link aggregation Link backup Redundant network coupling MRP
[Us] Rated Supply Voltage	12...24 V
Supply Voltage Limits	9.6...32 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
Function Available	Security status Alarms (Traps) System information Report
Local Signalling	for P1 P2 power supplies 1 dual colour LED (green/yellow) for device status 1 dual colour LED (green/red) for memory key status 1 dual colour LED (green/yellow) for channel diagnostic 1 dual colour LED (green/yellow)
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	2.87 in (73 mm)
Height	5.62 in (142.8 mm)
Depth	4.63 in (117.6 mm)
Net Weight	1.10 lb(US) (0.50 kg)

Environment

Ambient Air Temperature For Operation	32...140 °F (0...60 °C)
Relative Humidity	1...95 % 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 ATEX

Ordering and shipping details

Category	US1PC1118121
Discount Schedule	PC11
Gtin	3606481463395
Returnability	Yes
Country Of Origin	DE

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	5.28 in (13.400 cm)
Package 1 Width	6.54 in (16.600 cm)
Package 1 Length	9.37 in (23.800 cm)
Package 1 Weight	25.26 oz (716.000 g)
Unit Type Of Package 2	S04
Number Of Units In Package 2	8
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	14.35 lb(US) (6.508 kg)
Unit Type Of Package 3	P12
Number Of Units In Package 3	32
Package 3 Height	16.54 in (42.000 cm)
Package 3 Width	31.50 in (80.000 cm)
Package 3 Length	47.24 in (120.000 cm)
Package 3 Weight	79.37 lb(US) (36.000 kg)

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class 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.

[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](#)

California Proposition 65

WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Dimensions Drawings

Dimensions

