Product data sheet

Specifications

Modicon PoE (Power over Ethernet) Managed Switch - 8 Gigabit ports for copper - extended temperature

MCSESP083F23G0T

Product availability: Non-Stock - Not 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	10/100/1000 BASE-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	Shielded RJ45 copper (Gbit)
Transmission support medium	Twisted shielded pairs cable CAT 5E copper (Gbit)
Maximum cable distance between devices	328.08 ft (100 m) copper (Gbit)
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

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

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Maximum number of switches in a ring	50
Redundancy	HiPER ring RSTP Link aggregation Link backup Redundant network coupling MRP
[Us] rated supply voltage	24 V
Supply voltage limits	18…30 V DC SELV
Power consumption in W	106 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 PoE power supply 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	4.8 in (122.4 mm)
Height	5.7 in (144.2 mm)
Depth	4.61 in (117.15 mm)
Net Weight	3.09 lb(US) (1.4 kg)

Environment

Ambient Air Temperature for Operation	-40…158 °F (-40…70 °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

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Category	US1PC1118121
Discount Schedule	PC11
GTIN	3606481813817
Returnability	Yes
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.86 in (22.5 cm)
Package 1 Width	8.07 in (20.5 cm)
Package 1 Length	8.86 in (22.5 cm)
Package 1 Weight	3.09 lb(US) (1.4 kg)

Contractual warranty

Warranty	18 months

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-CO_2 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 ›

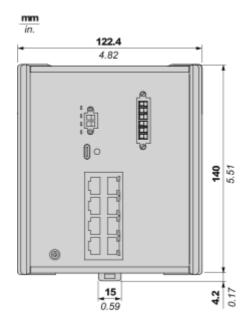How we assess product sustainability ›

Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

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
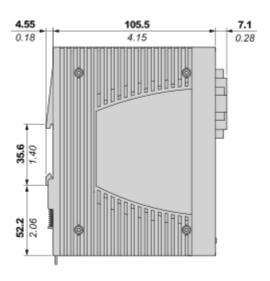
Dimensions Drawings

Dimensions

Image of product / Alternate images

Alternative