Product data sheet

Specifications

network switch, Modicon Networking, standard unmanaged, 6 ports for copper with 2 ports for multimode fiber optic

MCSESU083F2CU0

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Modicon Networking
Product or Component Type	Ethernet TCP/IP unmanaged switch
Communication Port Protocol	Ethernet TCP/IP
Port Ethernet	10/100BASE-TX - 6 copper cable 100BASE-FX - 2 fiber optic
Maximum number of switches in cascade	Unlimited

Complementary

Integrated connection type	Shielded RJ45 copper cable Duplex SC fiber optic
Transmission support medium	Twisted shielded pairs cable CAT 5E copper cable Multimode optical fiber fiber optic
Maximum cable distance between devices	328.08 ft (100 m) copper cable
Optic fiber length	2.5 mile (4 km) 62.5/125 µm 3.1 mile (5 km) 50/125 µm
Attenuation	0…11 dB 62.2/125 µm) 0…8 dB 50/125 µm)
Supply voltage	12...24 V
Supply voltage limits	9.6…32 V DC SELV
Power Consumption in W	3.8 W
Electrical connection	Removable connector 3 ways power supply
Mounting Support	35 mm symmetrical DIN rail
Marking	CE UL RCM
Local signalling	1 LED (green) for power supply 1 LED per channel (yellow) for data rate (ETH LINK) 1 dual colour LED (green/yellow) for link status
Ethernet cabling system	TF switches
Width	1.8 in (45 mm)
Height	4.3 in (110 mm)
Depth	3.5 in (88 mm)
Product Weight	0.518 lb(US) (0.235 kg)

Environment

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient Air Temperature for Operation	32…140 °F (0…60 °C)
Relative Humidity	10…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
Product certifications	CE UL RCM EAC UKCA

Ordering and shipping details

Category	US1PC1118121
Discount Schedule	PC11
GTIN	3606481029584
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.559 in (6.500 cm)
Package 1 Width	6.496 in (16.500 cm)
Package 1 Length	9.449 in (24.000 cm)
Package weight(Lbs)	13.228 oz (375.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	7.654 lb(US) (3.472 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

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 >

Environmental footprint

Total lifecycle Carbon footprint	**328 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**1 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**326 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.4 kg CO2 eq.**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**0**
Circularity Profile	**End of Life Information**
Take-back	**No**

Dimensions Drawings

Dimensions

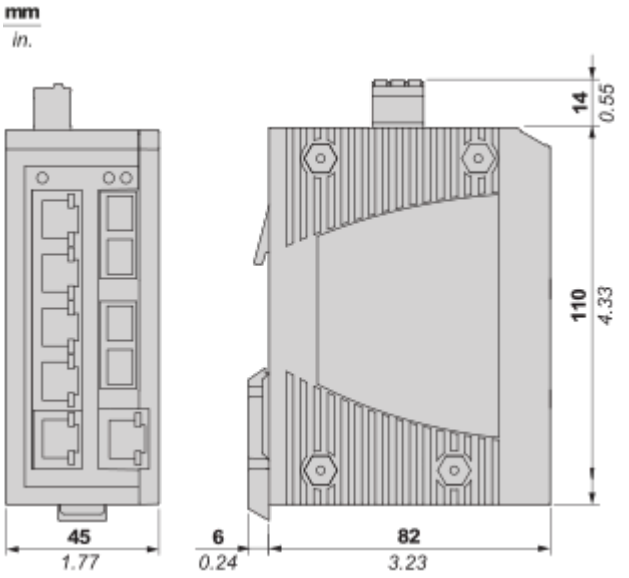

Image of product / Alternate images

Alternative