

Product datasheet

Specifications



Modicon Standard Unmanaged Switch - 6 ports for copper + 2 ports for multimode fiber optic

MCSESU083F2CU0

EAN Code: 3606481029584

Main

Range of product	Modicon
Product or component type	Ethernet TCP/IP unmanaged switch
Concept	Transparent Ready
Communication port protocol	Ethernet TCP/IP
Port Ethernet	10/100BASE-TX - 6 port(s) copper cable 100BASE-FX - 2 port(s) 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 for copper cable Multimode optical fiber for fiber optic
Maximum cable distance between devices	100 m copper cable
Optic fiber length	4 km 62.5/125 µm 5 km 50/125 µm
Attenuation	0...11 dB (62.2/125 µm) 0...8 dB (50/125 µm)
[Us] rated 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	45 mm
Height	110 mm
Depth	88 mm
Net weight	0.235 kg

Environment

Ambient air temperature for operation	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

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.500 cm
Package 1 Width	16.500 cm
Package 1 Length	24.000 cm
Package 1 Weight	375.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	3.472 kg

Logistical informations

Country of origin	DE
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Contractual warranty

Warranty	18 months
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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

[Environmental Disclosure](#)

[Product Environmental Profile](#)

Use Better

Materials and Substances

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

Dimensions Drawings

Dimensions

