Product data sheet
Characteristics

MCSESU053F1CU0
network switch, Modicon networking, standard unmanaged, 4 ports for copper with 1 port for multimode fiber optic



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 - 4 port(s) copper cable 100BASE-FX - 1 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	2.4 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	26 Mm
Height	102 Mm
Depth	79 Mm
Net weight	0.13 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[RETURN]UL[RETURN]RCM[RETURN]EAC[RETURN]UKCA

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	6.200 Cm
Package 1 Width	16.300 Cm
Package 1 Length	24.000 Cm
Package 1 Weight	267.000 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	6.281 Kg

Offer Sustainability

Recyclability potential, in %	0
Total lifecycle Carbon footprint	207 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.7802881939373634
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.020735752250500197
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0024644378950708533
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	205.75545571648536
Carbon footprint of the use phase [B2, B3, B4, B6]	206 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.23641911506192367
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	207
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised