

Product data sheet

Specifications



switch, Modicon Networking,
premium unmanaged switch, 4 ports
for copper, 1 port for fiber optic
single-mode

TCSESPU053F1CS0

! Discontinued

! To be discontinued on: Dec 31, 2027

Product availability: Stock - 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 - 4 copper cable 100BASE-FX - 1 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 Single mode optical fiber fiber optic
Maximum cable distance between devices	328.08 ft (100 m) copper cable
Optic fiber length	20.2 mile (32.5 km) 9/125 µm
Attenuation	0...16 dB 9/125 µm)
Ethernet service	Multicast filtering Data stream control
Communication Service	Quality of Service (QoS)
[Us] rated supply voltage	12...24 V
Supply voltage limits	9.6...32 V DC SELV
Power Consumption in W	4.3 W
Electrical connection	Removable connector 6 ways power supply
Mounting Support	35 mm symmetrical DIN rail
Marking	CE UL RCM
Local signalling	1 dual colour LED (green/yellow) for P1 P2 power supplies 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	1.5 in (39 mm)
Height	5.3 in (135 mm)

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

Depth	4.6 in (117 mm)
Product Weight	0.948 lb(US) (0.430 kg)

Environment

Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Relative Humidity	10...95 % non-condensing
IP Degree of Protection	IP40
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Standards	UL 61010 EN/IEC 61131 UL 121201
Product certifications	CE UL RCM EAC UKCA DNV CSA C22-2 No 213

Ordering and shipping details

Category	US1PC4118225
Discount Schedule	PC41
GTIN	3606481337405
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	5.118 in (13.000 cm)
Package 1 Width	6.417 in (16.300 cm)
Package 1 Length	9.134 in (23.200 cm)
Package weight(Lbs)	23.633 oz (670.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	8
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	12.170 lb(US) (5.520 kg)

Contractual warranty

Warranty (in months)	18
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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 >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No

Dimensions

