# Product datasheet

Specifications



## network switch, Modicon Networking, standard unmanaged, 5 ports for copper

MCSESU053FN0

## 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 - 5 port(s) copper cable |
| **Maximum number of switches in cascade** | Unlimited |

## Complementary

| | |
|---|---|
| **Integrated connection type** | Shielded RJ45 copper cable |
| **Transmission support medium** | Twisted shielded pairs cable CAT 5E for copper cable |
| **Maximum cable distance between devices** | 100 m copper cable |
| **[Us] rated supply voltage** | 12...24 V |
| **Supply voltage limits** | 9.6…32 V DC SELV |
| **Power consumption in W** | 1.3 W |
| **Electrical connection** | Removable connector 3 ways power supply |
| **Mounting support** | 35 mm symmetrical DIN rail |
| **Marking** | CE<br>UL<br>RCM |
| **Local signalling** | 1 LED (green) for power supply<br>1 LED per channel (yellow) for data rate (ETH LINK)<br>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** | 0.125 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<br>2014/30/EU - electromagnetic compatibility |

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

| | |
|---|---|
| **Standards** | UL 61010-2-201<br>EN/IEC 61131-2 |
| **Product certifications** | CE<br>UL<br>RCM<br>EAC<br>UKCA |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 6.300 cm |
| **Package 1 Width** | 16.500 cm |
| **Package 1 Length** | 24.300 cm |
| **Package 1 Weight** | 262.000 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** | 6.146 kg |
| **Unit Type of Package 3** | P12 |
| **Number of Units in Package 3** | 80 |
| **Package 3 Height** | 45.000 cm |
| **Package 3 Width** | 80.000 cm |
| **Package 3 Length** | 120.000 cm |
| **Package 3 Weight** | 36.580 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 | **112 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0.8 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] | **111 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.2 kg CO2 eq.** |
| 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 | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **0** |
| End of life manual availability | **End of Life Information** |
| Take-back | **No** |

Dimensions Drawings

**Dimensions**

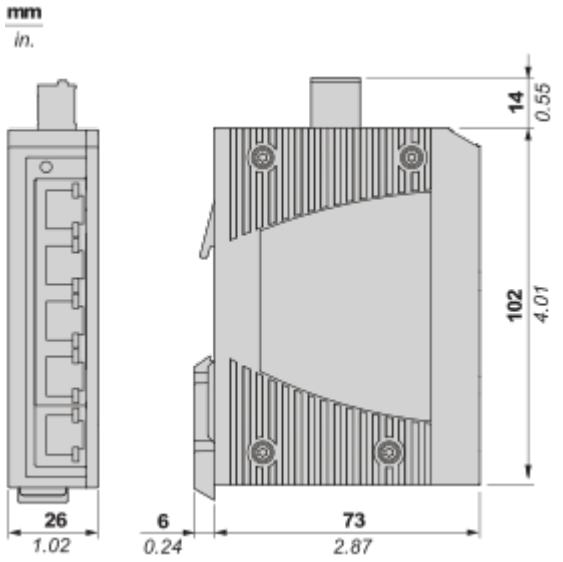


Image of product / Alternate images

**Alternative**









