

# Product data sheet

Specifications



network switch, Modicon  
Networking, lite managed, 4 ports  
for copper

TCSESL043F23F0

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

## Main

|                                       |                                                  |
|---------------------------------------|--------------------------------------------------|
| Range of Product                      | Modicon Networking                               |
| Product or Component Type             | Ethernet TCP/IP managed switch                   |
| Communication Port Protocol           | Ethernet TCP/IP<br>HTTP<br>HTTPS<br>SNMP<br>LLDP |
| Port Ethernet                         | 10/100BASE-TX - 4 copper cable                   |
| Maximum number of switches in cascade | Unlimited                                        |
| Cybersecurity                         | Enable/disable communication ports               |

## Complementary

|                                        |                                                                                                                                    |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Integrated connection type             | Shielded RJ45 copper cable                                                                                                         |
| Transmission support medium            | Twisted shielded pairs cable CAT 5E copper cable                                                                                   |
| Maximum cable distance between devices | 328.08 ft (100 m) copper cable                                                                                                     |
| Ethernet service                       | Configuration via web server<br>Multicast filtering<br>Syslog<br>SNMP-Traps                                                        |
| Communication Service                  | TFTP<br>Port monitoring                                                                                                            |
| Diagnostics run time                   | Log file                                                                                                                           |
| Maximum number of switches in a ring   | 50                                                                                                                                 |
| Redundancy                             | RSTP                                                                                                                               |
| [Us] rated supply voltage              | 12...24 V                                                                                                                          |
| Supply voltage limits                  | 9.6...32 V DC SELV                                                                                                                 |
| Power Consumption in W                 | 2.35 W                                                                                                                             |
| Electrical connection                  | Removable connector 3 ways power supply                                                                                            |
| Mounting Support                       | 35 mm symmetrical DIN rail                                                                                                         |
| Marking                                | CE<br>CULus<br>RCM                                                                                                                 |
| Local signalling                       | 1 LED (green) for power supply<br>1 LED per channel (yellow) for data rate (ETH LINK)<br>1 LED per channel (green) for link status |
| Ethernet cabling system                | TF switches                                                                                                                        |
| Width                                  | 1.0 in (25 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

|                |                         |
|----------------|-------------------------|
| Height         | 4.5 in (114 mm)         |
| Depth          | 3.1 in (79 mm)          |
| Product Weight | 0.227 lb(US) (0.103 kg) |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Ambient air temperature for operation | 32...140 °F (0...60 °C)                                                          |
| Relative Humidity                     | 5...95 % non-condensing                                                          |
| IP Degree of Protection               | IP30                                                                             |
| Directives                            | 2014/35/EU - low voltage directive<br>2014/30/EU - electromagnetic compatibility |
| Standards                             | UL 61010                                                                         |
| Product certifications                | CE<br>UL<br>RCM<br>EAC<br>UKCA                                                   |

## Ordering and shipping details

|                   |               |
|-------------------|---------------|
| Category          | US1PC4118225  |
| Discount Schedule | PC41          |
| GTIN              | 3606480762277 |
| Returnability     | No            |
| Country of origin | DE            |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Nbr. of units in pkg.        | 1                        |
| Package 1 Height             | 1.417 in (3.600 cm)      |
| Package 1 Width              | 4.882 in (12.400 cm)     |
| Package 1 Length             | 6.929 in (17.600 cm)     |
| Package weight(Lbs)          | 5.397 oz (153.000 g)     |
| Unit Type of Package 2       | S03                      |
| Number of Units in Package 2 | 28                       |
| 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             | 10.615 lb(US) (4.815 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 |                                               |
|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Environmental Disclosure                                                                                  | <a href="#">Product Environmental Profile</a> |

Use Better

|  Materials and Substances |                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard                                                                     | Yes                                                                                                                                                                                                                                                                                         |
| Packaging without single use plastic                                                                       | Yes                                                                                                                                                                                                                                                                                         |
| SCIP Number                                                                                                | 4ef40d87-1149-40ff-8202-2b7600a9a574                                                                                                                                                                                                                                                        |
| EU RoHS Directive                                                                                          | <a href="#">Compliant By Exemption</a>                                                                                                                                                                                                                                                      |
| REACH Regulation                                                                                           | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                                                      |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Use Longer

|  Lifetime extension |    |
|--------------------------------------------------------------------------------------------------------|----|
| Repair                                                                                                 | No |

Use Again

|  Repack and remanufacture |                                         |
|--------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| Circularity Profile                                                                                          | <a href="#">End of Life Information</a> |
| Take-back                                                                                                    | No                                      |