Product data sheet

Specifications



To be discontinued

firewall, Modicon Networking, tofino firewall, 2 ports for copper

TCSEFEA23F3F22

To be discontinued on: Dec 1, 2027

To be end-of-service on: Dec 31, 2030

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

Main

Range of Product	Modicon Networking
Product or Component Type	Ethernet TCP/IP firewall
Communication Port Protocol	Ethernet TCP/IP SSH HTTP HTTPS SNMP SFTP SCP LLDP RS232
Port Ethernet	10/100BASE-TX - 2 copper cable
Cybersecurity	IPSec DoS prevention
User interface	Built-in firewall
Encryption Protocol	MAC addresses filtering

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	Multicast filtering
Redundancy	Redundant power supplies
[Us] rated supply voltage	12...48 V
Supply voltage limits	9.6…60 V DC SELV 18…30 V AC SELV
Power Consumption in W	5 W
Electrical connection	Removable connector 6 ways power supply
Mounting Support	35 mm symmetrical DIN rail
Marking	CE
Local signalling	2 LEDs (green) for P1 P2 power supplies 1 LED (red) for fault 1 dual colour LED (green/yellow) for device status 1 dual colour LED (green/yellow) for memory key status 1 dual colour LED (green/yellow) for internal port status 1 dual colour LED (green/yellow) for serial port status
Alarm output	1 voltfree contact 1 A

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

Alarm function	Power supply fault Data link status Switch fault
Ethernet cabling system	TF switches
Width	2.4 in (60 mm)
Height	5.7 in (145 mm)
Depth	4.9 in (125 mm)
Product Weight	1.46 lb(US) (0.66 kg)

Environment

Ambient Air Temperature for Operation	32…140 °F (0…60 °C)
Relative Humidity	10…95 % non-condensing
IP Degree of Protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Standards	UL 508 EN/IEC 61131 EN/IEC 60950
Product certifications	CE UL RCM UKCA DNV

Ordering and shipping details

Category	US1PC4018481
Discount Schedule	PC40
GTIN	3606480758003
Returnability	No
Country of origin	DE

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	8.465 in (21.500 cm)
Package 1 Width	8.858 in (22.500 cm)
Package 1 Length	9.055 in (23.000 cm)
Package weight(Lbs)	2.249 lb(US) (1.020 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	2
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	6.543 lb(US) (2.968 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	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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 www.P65Warnings.ca.gov

Use Longer

Lifetime extension

Repair	No

Use Again

Repack and remanufacture

Take-back	No

Dimensions Drawings

Dimensions

