

# Product data sheet

Specifications



## firewall, Modicon Networking, industrial firewall, 2 ports for copper

TCSEFEC23F3F21

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

### Main

Range of Product	ConneXium
Product or Component Type	Ethernet TCP/IP firewall
Concept	Transparent Ready
Communication Port Protocol	Ethernet TCP/IP SSH HTTP HTTPS SNMP SFTP SCP LLDP RS232
Port Ethernet	10/100BASE-TX - 2 copper cable
Cybersecurity	Syslog protocol support IPSec
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 Syslog
Communication Service	Port monitoring
Diagnostics run time	Signal contact Self test MAC notification
Redundancy	Redundant network coupling Router redundancy
[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	6.9 W
Electrical connection	Removable connector 6 ways power supply
Mounting Support	35 mm symmetrical DIN rail
Marking	CE UL RCM

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

Function Available	System information Report IP Firewall list Configuration check Reachability test (ping) Alarms (Traps)
Local signalling	for P1 P2 power supplies 2 LEDs (green) for fault 1 LED (red) 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 1 dual colour LED (green/yellow)
Alarm output	1 voltfree contact 1 A
Alarm function	Power supply fault Data link status Switch fault Temperature threshold External memory removed
Ethernet cabling system	TF switches
Width	2.4 in (60 mm)
Height	5.7 in (145 mm)
Depth	4.9 in (125 mm)
Net Weight	1.34 lb(US) (0.61 kg)

## Environment

Ambient air temperature for operation	-40...158 °F (-40...70 °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 DNV

## Ordering and shipping details

Category	US1PC4018481
Discount Schedule	PC40
GTIN	3606480757983
Returnability	No
Country of origin	US

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.27 in (21.000 cm)
Package 1 Width	8.66 in (22.000 cm)
Package 1 Length	8.86 in (22.500 cm)

Package 1 Weight	2.273 lb(US) (1.031 kg)
Unit Type of Package 2	S04
Number of Units in Package 2	2
Package 2 Height	11.81 in (30.000 cm)
Package 2 Width	15.75 in (40.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	5.952 lb(US) (2.700 kg)

## Contractual warranty


Warranty	18 months
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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
<a href="#">EU RoHS Directive</a>	Pro-active compliance (Product out of EU RoHS legal scope)
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 Again

 Repack and remanufacture	
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Dimensions Drawings

Dimensions

