

TCSEFEC23F3F21

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



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
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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Alarm function	Power supply fault Data link status Switch fault Temperature threshold External memory removed
Ethernet cabling system	TF switches
Width	2.36 in (60 mm)
Height	5.71 in (145 mm)
Depth	4.92 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[RETURN]JUL[RETURN]RCM[RETURN]DNV



Ordering and shipping details

Category	18481-CONNEXIUM NETWORKING HARDWARE
Discount Schedule	PC40
GTIN	3606480757983
Returnability	No
Country of origin	DE

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	2.27 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	5.95 lb(US) (2.700 kg)

Offer Sustainability

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
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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Dimensions

