Product data sheet

Specifications

firewall, Modicon Networking,
Industial Firewall, 1 port for copper,
1 port for fiber optic multimode

TCSEFEC23FCF21

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 - 1 port(s) copper cable 100BASE-FX - 1 port(s) fiber optic
Cybersecurity	Syslog protocol support IPSec
User Interface	Built-in firewall
Encryption Protocol	MAC addresses filtering

Complementary

Integrated Connection Type	Shielded RJ45 copper cable Duplex SC fiber optic
Transmission Support Medium	Twisted shielded pairs cable CAT 5E for copper cable Multimode optical fiber
Maximum Cable Distance Between Devices	100 m copper cable
Optic Fiber Length	4 km 62.5/125 µm
Attenuation	0…11 dB (62.2/125 µm) 0…8 dB (50/125 µm)
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	8.3 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	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
Alarm Function	Power supply fault Data link status Switch fault Temperature threshold External memory removed
Ethernet Cabling System	TF switches
Width	60 mm
Height	145 mm
Depth	125 mm
Net Weight	0.61 kg

Environment

Ambient Air Temperature For Operation	-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 62368-1
Product Certifications	CE UL RCM DNV

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	21.000 cm
Package 1 Width	22.000 cm
Package 1 Length	23.000 cm
Package 1 Weight	1.040 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	2

Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	2.762 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium ›

Guide to assess a product's sustainability ›

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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

Dimensions Drawings

Dimensions

mm
in.