

Product datasheet

Specifications



firewall, Modicon Networking,
Industrial 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

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|--|---|
| 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 μ m |
| Attenuation | 0...11 dB (62.2/125 μ m) 0...8 dB (50/125 μ m) |
| 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 |

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|--------------------------------|--|
| 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

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|--|--|
| 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

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|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|

Sustainability

Green Premium™ 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-CO₂ 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](#)

Dimensions Drawings

Dimensions

