FL MGUARD 4102 PCIE - Router

1357842

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Security appliance, PCIe card, 10/100/1000 Mbps, NAT, advanced firewall, VPN

Your advantages

- Central management tool
- Maximum security
- Maximum performance
- Integration of IT and OT security
- mGuard security technology

Commercial data

Item number	1357842
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN30
Product key	DNN312
GTIN	4063151686802
Weight per piece (including packing)	172.9 g
Weight per piece (excluding packing)	90.68 g
Customs tariff number	85176200
Country of origin	DE

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Technical data

Interfaces

Ethernet

Connection method	RJ45
Transmission speed	10/100/1000 Mbps
Transmission physics	Ethernet in RJ45 twisted pair
Transmission length	100 m (per segment)
Signal LEDs	WAN link, WAN activity, LAN link, LAN activity
No. of channels	2 (RJ45 ports)

System properties

System requirements

Supported browsers	HTTPS support required

Product properties

Product type	Security routers without DIN rail mounting
Format	PCIe

Insulation characteristics

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

Electrical properties

Local diagnostics	One LED per port Activity LED red
	One LED per port Link active Green LED

Supply

Power supply connection	via PCIe bus

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
Ambient temperature (operation)	-20 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)

Mounting

Mounting type	PCIe x1-Slot

EMC data

Conformance with EMC directives	IEC 61000-6-2 IEC 61000-4-2 (ESD) 6 kV contact discharge, 8 kV air discharge
	IEC 61000-6-2 IEC 61000-4-3 (immunity to radiated interference) 10 V/m (80 MHz ... 6000 MHz)

	IEC 61000-6-2 IEC 61000-4-4 (burst)
	IEC 61000-6-2 IEC 61000-4-5 (surge) power line: 1 kV (line/earth), 0.5 kV (line/line), 1 kV data line
	IEC 61000-6-2 IEC 61000-4-6 (immunity to conducted interference) 10 V (150 kHz ... 80 MHz)
Noise immunity	EN 61000-6-2:2005
Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 61000-6-4

Signaling

Status display	Link/activity per port

Approvals

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	cUL Recognized
	Approval ID: E238705

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Classifications

ECLASS

ECLASS-11.0	19170406
ECLASS-12.0	19170406
ECLASS-13.0	19170406

ETIM

ETIM 9.0	EC001478

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	4,4'-isopropylidenediphenol(CAS: 80-05-7)

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Accessories

MGUARD SECURE VPN CLIENT LIC - License

2702579

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License for mGuard Secure VPN Client v11.x

FL MGUARD DM UNLIMITED - Software

2981974

https://www.phoenixcontact.com/us/products/2981974

Central device management software for MGUARD devices for any number of devices in the field. For installation on a PC. No additional licenses required. Download trial version for up to 10 devices.

SD FLASH 2GB - Program / configuration memory

2988162

https://www.phoenixcontact.com/us/products/2988162

Program and configuration memory, for extending the internal flash memory, pluggable, 2 GB.