

FL MGUARD 4102 PCIE - Router



1357842

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

Notes

Note on application		
Note on application		Only for industrial use

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
Product family		Security-Router
Special properties		NAT
		VPN
Format		PCIe

Data management status		
Article revision		02

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

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

Mounting

Mounting type	PCIe x1-Slot
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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) 2 kV power line, 2 kV data line
	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
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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1357842>



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
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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

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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.

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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.

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