

FL MGUARD 4102 PCIE - Router



1357842

<https://www.phoenixcontact.com/us/products/1357842>

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Security-Router series, 2 RJ45 ports 10/100/1000 Mbps, degree of protection: IP00, Ambient temperature (operation): -20 °C ... 70 °C, NAT, VPN, Product certified in accordance with IEC 62443-4-2, Configurable stateful inspection firewall with full scope of functions

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)	153.4 g
Weight per piece (excluding packing)	90.68 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Notes

Note on application

Note on application	Only for industrial use
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Material specifications

Color (Housing)	Steel/stainless steel color
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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

Functionality

Basic functions	Router with intelligent firewall and VPN for 250 tunnels
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System requirements

Supported browsers	HTTPS support required
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Product properties

Product type	Security routers without DIN rail mounting
Product family	Security-Router
Special properties	NAT
	VPN
	Product certified in accordance with IEC 62443-4-2
Format	PCIe

Insulation characteristics

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

Power consumption	max. 2.88 W
Local diagnostics	One LED per port Activity LED red
	One LED per port Link active Green LED

Supply

Power supply connection	via PCIe bus
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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	Plug-in mounting (PCI slot)
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EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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

Noise emission

Standards/regulations	EN 61000-6-4
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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



UL Recognized
Approval ID: E238705

Cybersecurity Certificate
Approval ID: 968 CSP 1029.00 25



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Classifications

ECLASS

ECLASS-13.0	19170406
ECLASS-15.0	19170406

ETIM

ETIM 10.0	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.)	Diboron trioxide(CAS: 1303-86-2)
	4,4'-isopropylidenediphenol(CAS: 80-05-7)

EF3.1 Climate Change

CO2e kg	13.339 kg CO2e
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