

FL MGUARD 4102 PCIE - Router



1357842

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Security-Router, 2 RJ45 ports 10/100/1000 Mbps, NAT, VPN, 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	DNN
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

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

Functionality

Basic functions	Router with intelligent firewall and VPN for 250 tunnels
-----------------	--

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

Insulation characteristics

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

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
-------------------------	--------------

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP00
----------------------	------

FL MGUARD 4102 PCIE - Router



1357842

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

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

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	EN 61000-6-4

Signaling

Status display	Link/activity per port
----------------	------------------------


FL MGUARD 4102 PCIE - Router



1357842

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

Approvals

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



cUL Recognized
Approval ID: E238705



UL Recognized
Approval ID: E238705



UL Recognized
Approval ID: E238705



cUL Recognized
Approval ID: E238705

FL MGUARD 4102 PCIE - Router



1357842

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

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)
-------------------------------------	---

FL MGUARD 4102 PCIE - Router



1357842

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

Accessories

FL MGUARD DM UNLIMITED - Software

2981974

<https://www.phoenixcontact.com/in/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/in/products/2988162>



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

Phoenix Contact 2025 © - all rights reserved

<https://www.phoenixcontact.com>

PHOENIX CONTACT (I) Pvt. Ltd.

A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420

info@phoenixcontact.co.in