

# FL MGuard SMART2 - Router



2700640

<https://www.phoenixcontact.com/us/products/2700640>

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Security appliance, 10/100 Mbps, NAT, advanced firewall, dongle, functionally extendable with licenses



The figure shows a version of the product

## Product description

### Small

The mGuard smart from Innominate features maximum possible security and performance in a minimum amount of space. It has never been easier to protect critical company computers, machines or any other IP connection reliably and securely from attacks.

### Strong

The mGuard smart security appliance combines the extremely powerful mGuard hardware platform with proven mGuard firmware. Based on a robust embedded Linux system from Innominate, this combination integrates four perfectly coordinated security components: a bidirectional stateful firewall, a flexible NAT router, and industrial protection against malware as an option.

### Smart

With its rugged housing and uncomplicated power supply via any USB port, the mGuard smart is the ideal solution for the mobile protection of critical company resources. Changes to the location and infrastructure can be implemented quickly and inexpensively.

### Focus on security

The mGuard smart is particularly suitable for the mobile and stationary protection of workstations and environments close to the production process with low requirements for industrial hardening.

## Your advantages

- Supply via USB

## Commercial data

Item number	2700640
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN31
Product key	DNN313
GTIN	4046356613842
Weight per piece (including packing)	196 g
Weight per piece (excluding packing)	185.2 g
Customs tariff number	85176200
Country of origin	DE

## Technical data

### Dimensions

Width	77 mm
Height	27 mm
Depth	115 mm

### Notes

#### Note on application

Note on application	Only for industrial use
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### Material specifications

Housing material	Plastic
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### Interfaces

#### Ethernet

Connection method	RJ45
Transmission speed	10/100 Mbps
Transmission physics	Ethernet in RJ45 twisted pair
Transmission length	100 m (per segment)
Signal LEDs	Supply voltage, data transmission, error, link, activity
No. of channels	2 (RJ45 ports)

### System properties

#### Functionality

Basic functions	Firewall/router for office use or mobile service technicians
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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
Type	Stand-alone

#### Insulation characteristics

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

Local diagnostics	1 (PC) Link status/LAN data transmission Green LED
	3 (Internet) Link status/WAN data transmission Green LED
	2 (heartbeat) Device function Red/green LED

#### Supply

Supply voltage (DC)	5 V DC (from USB interface)
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Power supply connection	via USB interface
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## Function

Signal contact control current	500 mA (via USB interface or external power supply unit as an option)
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP30
Ambient temperature (operation)	0 °C ... 40 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	20 % ... 90 % (non-condensing)

## EMC data

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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## Signaling

Status display	LEDs: In combination for boot process, heartbeat, system error, Ethernet status, recovery mode
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## Classifications

### ECLASS

ECLASS-13.0

19170406

### ETIM

ETIM 9.0

EC001478

### UNSPSC

UNSPSC 21.0

43222600

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 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.)	Lead(CAS: 7439-92-1)
SCIP	45ea7160-9d8a-46a4-833c-d1f909dd1866

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)