# 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 |

## Material specifications

| | |
|---|---|
| Housing material | Plastic |

## 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

System requirements

| | |
|---|---|
| Supported browsers | HTTPS support required |

## Output data

Signal contact

| | |
|---|---|
| Control current | 500 mA (via USB interface or external power supply unit as an option) |

## 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) |

## 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) |
| Power supply connection | via USB interface |

## 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 |

## Signaling

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

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 19170406 |

### ETIM

| | |
|---|---|
| ETIM 9.0 | EC001478 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 43222600 |

## 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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