

## Router - FL MGUARD RS2005 TX VPN - 2701875

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Security router in metal housing with integrated 5-port switch, VPN, with extended temperature range, SD card slot, simple firewall, router with NAT/1:1-NAT

### Product Features

- ☒ Maximum security
- ☒ Maximum performance
- ☒ Central management tool

### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	900.0 g
Custom tariff number	85176200
Country of origin	Germany

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	45 mm
Height	130 mm
Depth	114 mm

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 60 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)

#### Interfaces

Interface 1	Ethernet
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## Technical data

### Interfaces

No. of ports	6 (RJ45 ports)
Connection method	RJ45
Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100 MBit/s
Transmission length	100 m (per segment)
Signal LEDs	Supply voltage, data transmission, error, link, activity
Interface 2	Signal contact
Connection method	Plug-in/screw connection via COMBICON
Interface 3	VPN - release button
Connection method	24 V DC/250 mA can be connected as an option

### Function

Basic functions	Router with simplified firewall and VPN for 2 tunnels, integrated 5-port switch, metal housing, slot for SD memory card, extended temperature range, high-performance firewall/VPN: up to 124 Mbps/ 40 Mbps
Supported browsers	HTTPS support required
Processor	330 MHz
Status and diagnostic indicators	LEDs:P1, P2, Fault, State, Error, LAN, WAN
Signal contact control voltage	24 V DC (typical)
Signal contact control current	250 mA (short-circuit resistant)

### Security functions

Dynamic Host Configuration Protocol (DHCP) support	Server or Relay Agent
Network Time Protocol (NTP) client	Client
Link Layer Discovery Protocol (LLDP)	As per protocol 802.2
Remote Syslog Logging	On external server
Virtual private network (VPN) throughput	max. 42 Mbps (Router)
	max. 27 Mbps (Stealth mode, VPN bidirectional throughput)
Number of VPN tunnels	2
Encryption methods	DES, 3DES, AES-128, -192, -256
Internet Protocol Security (IPsec) mode	ESP tunnel / ESP transport
Authentication	X.509v3 certificates with RSA or PSK
Data integrity	MD5, SHA-1
1:1 Network Address Translation (NAT) in the VPN	Supported
Firewall data throughput	max. 130 Mbps (Router mode, default firewall rules, bidirectional throughput)
	max. 61 Mbps (Stealth mode, default firewall rules, bidirectional throughput)
Firewall rules	Can be switched on/off

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## Technical data

### Network expansion parameters

Maximum conductor length (twisted pair)	100 m
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### Supply voltage

Supply voltage	24 V DC (redundant)
Residual ripple	3.6 V <sub>pp</sub> (within the permitted voltage range)
Supply voltage range	9 V DC ... 36 V DC
Typical current consumption	100 mA (at U <sub>S</sub> = 24 V DC)
Max. current consumption	180 mA (unloaded outputs)

### General

Mounting type	DIN rail
Type AX	Stand-alone
Net weight	906.4 g
Housing material	Metal
Conformance	CE-compliant

### Mechanical tests

Type of test	Free fall in acc. with IEC 60068-2-32
Test result	1 m
Type of test	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6
Test result	5g, 150 Hz, 2.5 h, in XYZ direction
Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Operation: 15g, 11 ms period, half-sine shock pulse
Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Storage: 30g, 11 ms period, half-sine shock pulse

## Classifications

### eCl@ss

eCl@ss 4.0	24010504
eCl@ss 4.1	24010504
eCl@ss 5.0	19030101
eCl@ss 5.1	19030101
eCl@ss 6.0	19170103
eCl@ss 7.0	19170103
eCl@ss 8.0	19170103

### ETIM

ETIM 4.0	EC001478
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## Classifications

### ETIM

ETIM 5.0	EC001478
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### UNSPSC

UNSPSC 6.01	20142601
UNSPSC 7.0901	20142601
UNSPSC 11	20142601
UNSPSC 12.01	20142601
UNSPSC 13.2	20142601

## Approvals

### Approvals

#### Approvals


UL Listed / cUL Listed / cULus Listed

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Listed 

cUL Listed 

cULus Listed 