

Router - FL MGUARD RS2000 TX/TX VPN - 2700642

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Security appliance in metal housing, with extended temperature range, SD card slot, up to 2 VPN tunnels, 2-click firewall for maximum ease of configuration, router with NAT/1:1 NAT

Product Features

- Maximum security
- Maximum performance
- Central management tool

Key commercial data

package_quantity	1
GTIN	4046356613859

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)	-20 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (no condensation)
Noise immunity	EN 61000-6-2:2005

Interfaces

Interface 1	Ethernet
No. of ports	2 (RJ45)
Connection method	RJ45
Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100 MBit/s
Transmission length	100 m (per segment)

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Interfaces

Signal LEDs	Supply voltage, data transmission, error, link, activity
Interface 2	Potential-free signaling 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 2-click firewall and VPN for 2 tunnels (fixed), metal housing, slot for any SD memory card, extended temperature range, high-performance firewall/VPN: up to 124 Mbps/40 Mbps
Management	Web-based Management, SNMP or via V.24 (RS-232)
Supported browsers	HTTPS support required
Processor	330 MHz
Status and diagnostic indicators	LEDs:P1, P2, Fault, State, Error, LAN, WAN

Network expansion parameters

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

Supply voltage	24 V DC
Residual ripple	3.6 V _{pp} (within the permitted voltage range)
Supply voltage range	9 V DC ... 36 V DC
Typical current consumption	100 mA
Max. current consumption	0.24 A

General

Mounting type	DIN rail
Type AX	Stand-alone
Weight	725 g
Housing material	Metal
Noise emission	EN 55022 / Class B

Mechanical tests

Type of test	Shock in acc. with EN 60068-2-27/IEC 60068-2-27
Test result	Half-sine 30g, 18 ms, 3 axes
Type of test	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6
Test result	5g, 150 Hz

Conformity with EMC directives

Developed in acc. with standard	IEC 61000-6.2
Test standard	IEC 61000-4-2 (ESD)
Test result	6 kV contact discharge, 8 kV air discharge
Test standard	IEC 61000-4-3 (immunity to radiated interference)
Test result	10 V/m (80-2000 MHz)
Test standard	IEC 61000-4-4 (burst)

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Conformity with EMC directives

Test result	2 kV power line, 1kV data line
Test standard	IEC 61000-4-5 (surge)
Test result	power line: 2 kV (line/earth), 1 kV (line/line), 1kV data line
Test standard	IEC 61000-4-6 (immunity to conducted interference)
Test result	3 V (10 kHz – 150 kHz), 10 V (150 kHz – 80 MHz)

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. 41.94304 Mbps (Router mode, VPN bidirectional throughput)
Virtual private network (VPN) throughput	max. 27.262976 Mbps (Stealth mode, VPN bidirectional throughput)
Number of VPN tunnels	2 (Fixed, Ipsec (IETF standard))
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. 130.023424 Mbps (Router mode, default firewall rules, bidirectional throughput:)
Firewall data throughput	max. 60.817408 Mbps (Stealth mode, default firewall rules, bidirectional throughput)
Firewall rules	Simplified 2-click stateful inspection firewall
Filtering	Incoming or outgoing traffic
Routing	Standard routing, NAT, 1:1-NAT, port forwarding

classifications

eCl@ss

eCl@ss 4.0	27240409
eCl@ss 4.1	27240409
eCl@ss 5.0	27242215
eCl@ss 5.1	19030101
eCl@ss 6.0	19170103
eCl@ss 7.0	19170103
eCl@ss 8.0	19170103

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001478
ETIM 5.0	EC001478

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classifications

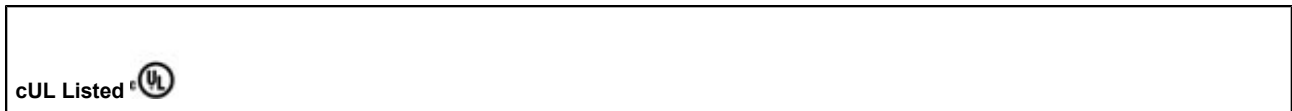
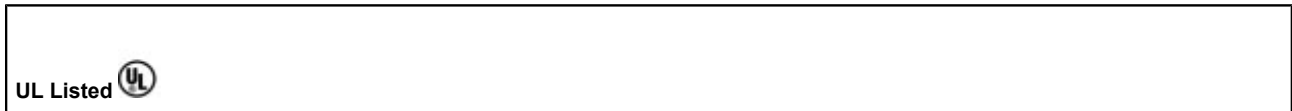
UNSPSC

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

approvals

UL Listed / cUL Listed / cULus Listed /

Approval details



accessories

Patch cable

FL CAT5 PATCH 0,3 - 2832250



FL CAT5 PATCH 0,5 - 2832263



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accessories

FL CAT5 PATCH 1,0 - 2832276



FL CAT5 PATCH 1,5 - 2832221



FL CAT5 PATCH 2,0 - 2832289



FL CAT5 PATCH 3,0 - 2832292



FL CAT5 PATCH 5,0 - 2832580



FL CAT5 PATCH 7,5 - 2832616



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accessories

FL CAT5 PATCH 10,0 - 2832629



FL CAT6 PATCH 12,5 - 2891369



FL CAT6 PATCH 15,0 - 2891372



FL CAT6 PATCH 20,0 - 2891576



Protective cap

FL RJ45 PROTECT CAP - 2832991



Connector set

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accessories

FL PLUG RJ45 GR/2 - 2744856



FL PLUG RJ45 GN/2 - 2744571



Universal tools

FL CRIMPTOOL - 2744869



Patch panel

FL PF 2TX CAT5E - 2891165



FL PF 8TX CAT5E - 2891178



Media converter

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accessories

FL MC EF 1300 MM SC - 2902853



Parameterization memory

SD FLASH 256MB - 2988120



SD FLASH 512MB - 2988146



Drawings

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