FL MGUARD RS VPN - Router

2989611

https://www.phoenixcontact.com/us/products/2989611

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Router with intelligent Firewall, data throughput up to 99 Mbps (wire speed), Stateful Inspection Firewall for optimum safety and extremely simple configuration, VPN as per IPsec, hardware encryption with up to 70 Mbps

Your advantages

- Central management tool
- Maximum performance
- Maximum security

Commercial data

Item number	2989611
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNN333
Catalog page	Page 113 (AX-2011)
GTIN	4046356298957
Weight per piece (including packing)	329.1 g
Weight per piece (excluding packing)	250 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Dimensions

Width	45 mm
Height	99 mm
Depth	112 mm

Material specifications

Color	green
Housing material	PA 6.6

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

Potential-free signaling contact

Connection method	Plug-in/screw connection via COMBICON

VPN - release button

Connection method	Connectable and optional LED

System properties

Functionality

Basic functions	Router with intelligent Firewall and VPN

System requirements

Supported browsers	HTTPS support required

Product properties

Product type	Security router for the DIN rail
Type	Stand-Alone

Insulation characteristics

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

Security functions

1:1 Network Address Translation (NAT) in the VPN	supported
Number of VPN tunnels	10 (10)
Authentication	X.509v3 certificates with RSA or PSK
Data integrity	MD5, SHA-1

Dynamic Host Configuration Protocol (DHCP) support	Server or Relay Agent
Filtering	MAC and IP addresses, ports, protocols
Firewall data throughput	max. 210 Mbps (Router mode, default firewall rules, bidirectional throughput)
	max. 149 Mbps (Stealth mode, default firewall rules, bidirectional throughput)
Firewall rules	Configurable stateful inspection firewall
Basic functions	Router with intelligent Firewall and VPN
Internet Protocol Security (IPsec) mode	ESP tunnel / ESP transport
Link Layer Discovery Protocol (LLDP)	As per protocol 802.2
Network Time Protocol (NTP) client	Client
Remote Syslog Logging	on externals server
Routing	Standard routing, NAT, 1:1-NAT, port forwarding
Protection against	IP spoofing, DoS and Syn Flood Protection
Encryption methods	DES, 3DES, AES-128, -192, -256
Virtual private network (VPN) throughput	max. 85 Mbps (Router mode, VPN bidirectional throughput)
	max. 58 Mbps (Stealth mode, VPN bidirectional throughput)

Electrical properties

Local diagnostics	P1, P2 Supply voltage US1, US2 Green LED
	One LED per port Link active Green LED
Maximum power dissipation for nominal condition	4.08 W

Supply

Supply voltage	24 V DC
Supply voltage range	9 V DC ... 36 V DC
Power supply connection	Via COMBICON, max. conductor cross section 2.5 mm²
Residual ripple	3.6 V_{PP} (within the permitted voltage range)
Typical current consumption	170 mA

Function

Signal contact control voltage	24 V DC (typical)
Signal contact control current	170 mA (typical)

Connection data

Connection method	RJ45, shielded

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)

Mounting

Mounting type	DIN rail mounting

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 ... 2000 MHz)
	IEC 61000-6-2 IEC 61000-4-4 (burst) 2 kV power line, 1kV data line
	IEC 61000-6-2 IEC 61000-4-5 (surge) power line: 2 kV (line/earth), 1 kV (line/line), 1 kV data line
	IEC 61000-6-2 IEC 61000-4-6 (immunity to conducted interference) 3 V (10 kHz ... 150 kHz), 10 V (150 kHz ... 80 MHz)
Noise immunity	EN 61000-6-2:2005
Noise emission	EN 61000-6-4

Signaling

Status display	LEDs:P1, P2, Fault, State, Error, LAN, WAN

Environmental product compliance

China RoHS

Environment friendly use period (EFUP)	EFUP-25
	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.)	No substance above 0.1 wt%

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