

Router - FL MGUARD RS - 2989310

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Router with intelligent Firewall, data throughput up to 99 Mbps (Wire Speed Performance), Stateful Inspection Firewall for optimum safety and extremely simple configuration, in the ME45 format

Why buy this product

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



Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 112 (AX-2011)
GTIN	 4 046356 298940
Custom tariff number	85176200
Country of origin	GERMANY

Technical data

Interfaces

Interface 1	Ethernet
No. of ports	2
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	Potential-free signaling contact
Connection method	Plug-in/screw connection via COMBICON

Function

Basic functions	Router with intelligent Firewall
Management	Web based management, SNMP or over V.24 (RS-232)

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Function

Supported browsers	HTTPS support required
Processor	533 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	170 mA

General data

Width	45 mm
Height	99 mm
Depth	112 mm
Mounting type	DIN rail
Type AX	Stand-alone
Weight	250 g
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Permissible humidity (operation)	10 % ... 95 % (no condensation)
Housing material	PA 6.6
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2:2005

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)
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 externals server

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Security functions

Virtual private network (VPN) throughput	max. 81 Mbps (Router mode, VPN bidirectional throughput)
Virtual private network (VPN) throughput	max. 55 Mbps (Stealth mode, VPN bidirectional throughput)
Encryption methods	DES, 3DES, AES-128, -192, -256
Firewall data throughput	max. 200 Mbps (Router mode, default firewall rules, bidirectional throughput:)
Firewall data throughput	max. 142 Mbps (Stealth mode, default firewall rules, bidirectional throughput)
Firewall rules	Configurable stateful inspection firewall
Filtering	MAC and IP addresses, ports, protocols
Protection against	IP spoofing, DoS and Syn Flood Protection
Routing	Standard routing, NAT, 1:1-NAT, port forwarding

Classifications

ETIM

ETIM 2.0	EC001423
ETIM 3.0	EC001423
ETIM 4.0	EC001478
ETIM 5.0	EC001478

UNSPSC

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

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	27242208
eCl@ss 7.0	27242208

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cUL Listed

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Approvals

Ex Approvals

Approvals submitted

Approval details

UL Listed 

cUL Listed 

cUL Listed 