

FL MGUARD DELTA TX/TX VPN - Router



2700968

<https://www.phoenixcontact.com/us/products/2700968>

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Remote maintenance collection point, 10/100 Mbps, NAT, VPN, advanced firewall, desktop device, functionally extendable with licenses



Your advantages

- Central management tool
- Maximum security

Commercial data

Item number	2700968
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN31
Product key	DNN333
Catalog page	Page 337 (C-6-2019)
GTIN	4055626292786
Weight per piece (including packing)	954.7 g
Weight per piece (excluding packing)	725 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Dimensions

Width	130 mm
Height	50 mm
Depth	114 mm

Material specifications

Color	silver
Housing material	Metal

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

Functionality

Basic functions	Router with intelligent firewall and VPN for 10 tunnels (up to 250 supported with optional additional license), CIFS Integrity Monitoring (as an option), metal housing, slot for SD memory card
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System requirements

Supported browsers	HTTPS support required
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Product properties

Product type	Security routers without DIN rail mounting
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Insulation characteristics

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

Number of VPN tunnels	10 tunnels (up to 250 tunnels as an option), IPsec standard with additional FL MGUARD LIC VPN-10 license/Item No. 2700194 or FL MGUARD LIC VPN-250 license/Item No. 2700193 or 2700192.
Data integrity	MD5, SHA-1, SHA 256, SHA-512
Dynamic Host Configuration Protocol (DHCP) support	Server or Relay Agent
Filtering	MAC and IP addresses, ports, protocols
Firewall data throughput	max. 130 Mbps (Router mode, default firewall rules, bidirectional throughput)

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	max. 61 Mbps (Stealth mode, default firewall rules, bidirectional throughput)
Firewall rules	Configurable stateful inspection firewall with full scope of functions
Basic functions	Router with intelligent firewall and VPN for 10 tunnels (up to 250 supported with optional additional license), CIFS Integrity Monitoring (as an option), metal housing, slot for SD memory card
Link Layer Discovery Protocol (LLDP)	As per protocol 802.2
Network Time Protocol (NTP) client	Client
Remote Syslog Logging	On external 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. 42 Mbps (Router mode, VPN bidirectional throughput)
	max. 27 Mbps (Stealth mode, VPN bidirectional throughput)

Electrical properties

Local diagnostics	Green LED
	One LED per port Link active Green LED

Supply

Supply voltage (AC)	230 V AC
Supply voltage range	90 V AC ... 264 V AC ((50/60 Hz))
Max. current consumption	40 mA
Typical current consumption	13 mA

Environmental and real-life conditions

Ambient conditions

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

EMC data

Noise immunity	EN 61000-6-2:2005
Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 55022 / Class B

Signaling

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

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2700968>



EAC

Approval ID: RU*DE*08.B.00731/19

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Classifications

ECLASS

ECLASS-11.0	19170406
ECLASS-12.0	19170406
ECLASS-13.0	19170406

ETIM

ETIM 8.0	EC001478
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UNSPSC

UNSPSC 21.0	43222600
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

FL CAT5 PATCH 0,3 - Patch cable

2832250

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Patch cable, CAT5, assembled, 0.3 m

FL CAT5 PATCH 0,5 - Patch cable

2832263

<https://www.phoenixcontact.com/us/products/2832263>



Patch cable, CAT5, assembled, 0.5 m

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FL CAT5 PATCH 1,0 - Patch cable

2832276

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Patch cable, CAT5, assembled, 1 m

FL CAT5 PATCH 1,5 - Patch cable

2832221

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Patch cable, CAT5, assembled, 1.5 m

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FL CAT5 PATCH 2,0 - Patch cable

2832289

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Patch cable, CAT5, assembled, 2 m

FL CAT5 PATCH 3,0 - Patch cable

2832292

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Patch cable, CAT5, assembled, 3 m

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FL CAT5 PATCH 5,0 - Patch cable

2832580

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Patch cable, CAT5, assembled, 5 m

FL CAT5 PATCH 7,5 - Patch cable

2832616

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Patch cable, CAT5, assembled, 7.5 m

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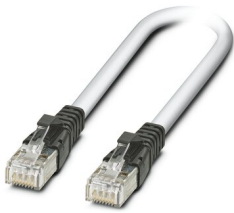
<https://www.phoenixcontact.com/us/products/2700968>



FL CAT5 PATCH 10,0 - Patch cable

2832629

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Patch cable, CAT5, assembled, 10 m

FL CAT6 PATCH 12,5 - Patch cable

2891369

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Patch cable, CAT6, preassembled, 12.5 m

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FL CAT6 PATCH 15,0 - Patch cable

2891372

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Patch cable, CAT6, preassembled, 15.0 m

FL CAT6 PATCH 20,0 - Patch cable

2891576

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Patch cable, CAT6, preassembled, 20.0 m

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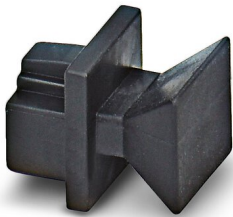
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FL RJ45 PROTECT CAP - Dust protection

2832991

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Dust protection caps for RJ45 socket

FL PLUG RJ45 GR/2 - RJ45 connector

2744856

<https://www.phoenixcontact.com/us/products/2744856>



RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Plastic, connection method: Crimp connection, connection cross section: AWG 26- 24, cable outlet: straight, color: green, Ethernet

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FL PLUG RJ45 GN/2 - RJ45 connector

2744571

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RJ45 connector, design: RJ45, degree of protection: IP20, number of positions: 8, 1 Gbps, CAT5 (IEC 11801:2002), material: Plastic, connection method: Crimp connection, connection cross section: AWG 26- 24, cable outlet: straight, color: green, Ethernet

FL CRIMPTOOL - Assembly tool

2744869

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Crimping pliers, for assembling the RJ45 plugs FL PLUG RJ45..., for assembly on site

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FL MGUARD LIC FW MNT 2030 - License

1493074

<https://www.phoenixcontact.com/us/products/1493074>



License for firmware maintenance until 2030

FL MGUARD LIC CIM - License

2701083

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License for activating CIFS Integrity Monitoring (CIM) on an FL MGUARD

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FL MGUARD LIC VPN-250 GROUP - License

2700192

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License for up to 250 additional VPN online connections

FL MGUARD LIC VPN-250 - License

2700193

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License for up to 250 additional VPN online connections

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FL MGUARD LIC VPN-10 - License

2700194

<https://www.phoenixcontact.com/us/products/2700194>



License for up to 10 additional VPN online connections

MGUARD SECURE VPN CLIENT LIC - License

2702579

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License for mGuard Secure VPN Client v11.x

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FL MGUARD DM UNLIMITED - Software

2981974

<https://www.phoenixcontact.com/us/products/2981974>



Central device management software for MGUARD devices for any number of devices in the field. For installation on a PC. No additional licenses required. Download trial version for up to 10 devices.

SD FLASH 2GB - Program / configuration memory

2988162

<https://www.phoenixcontact.com/us/products/2988162>



Program and configuration memory, for extending the internal flash memory, pluggable, 2 GB.

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