PHŒNIX CONTACT

Router - FL MGUARD DELTA TX/TX - 2700967

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

Your advantages

☑ Maximum security

☑ Central management tool

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356741491
Weight per Piece (excluding packing)	1,038.000 g
Custom tariff number	85176200
Country of origin	Germany

Technical data

Dimensions

Width	130 mm
Height	50 mm
Depth	114 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	5 °C ... 40 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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Technical data

Ambient conditions

Permissible humidity (operation)	5 % ... 95 % (non-condensing)

Interfaces

Interface	Ethernet
No. of ports	2 (RJ45)
Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100 Mbps
Transmission length	100 m (per segment)
Signal LEDs	Supply voltage, data transmission, error, link, activity

Function

Basic functions	Router with intelligent firewall (VPN, 10 tunnels as an option, up to 250 possible with additional license), CIFS Integrity Monitoring (as an option), metal housing, slot for SD memory card, extended temperature range, high-performance firewall/VPN (as an option): up to 99 Mbps / 35 Mbps (as an option)
Supported browsers	HTTPS support required
Processor	330 MHz
Status and diagnostic indicators	LEDs:P1, P2, Fault, State, Error, LAN, WAN

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
Virtual private network (VPN) throughput	max. 42 Mbps (Router mode, VPN bidirectional throughput)
	max. 27 Mbps (Stealth mode, VPN bidirectional throughput)
Number of VPN tunnels	As an option, 10 tunnels up to 250 tunnels, Ipsec (IETF) standard with additional license FL MGUARD LIC VPN-10/ Item No. 2700194 or FL MGUARD LIC VPN-250/ Item No. 2700193 or 2700192.
Encryption methods	DES, 3DES, AES-128, -192, -256
Data integrity	MD5, SHA-1, SHA 256, SHA-512
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	Configurable stateful inspection firewall with full scope of functions
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

Supply voltage

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Supply voltage

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

General

Net weight	725 g
Housing material	Metal

Standards and Regulations

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

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss

eCl@ss 10.0.1	19170406
eCl@ss 11.0	19170406
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400
eCl@ss 5.0	19030100
eCl@ss 5.1	19030100
eCl@ss 6.0	19170100
eCl@ss 7.0	19170103
eCl@ss 9.0	19170103

ETIM

ETIM 3.0	EC001423
ETIM 4.0	EC001478
ETIM 6.0	EC001478
ETIM 7.0	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	43222609
UNSPSC 18.0	43222609
UNSPSC 19.0	43222609
UNSPSC 20.0	43222609
UNSPSC 21.0	43222609

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC	EHC	RU*DE*08.B.00731/19

Accessories

Accessories

Data plug

Assembly tool - FL CRIMPTOOL - 2744869

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

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Accessories

Device parameterization

Software - FL MGUARD DM UNLIMITED - 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.

License

License - FL MGUARD LIC LIFETIME FW - 2700184

License for lifetime software update of FL MGUARD field devices.

License - FL MGUARD LIC CIM - 2701083

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

License - FL MGUARD LIC VPN-250 GROUP - 2700192

License for up to 250 additional VPN online connections

License - FL MGUARD LIC VPN-250 - 2700193

License for up to 250 additional VPN online connections

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Accessories

License - FL MGUARD LIC VPN-10 - 2700194

License for up to 10 additional VPN online connections

Parameterization memory

Program / configuration memory - SD FLASH 2GB - 2988162

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

Patch cable

Patch cable - FL CAT5 PATCH 0,3 - 2832250

Patch cable, CAT5, assembled, 0.3 m

Patch cable - FL CAT5 PATCH 0,5 - 2832263

Patch cable, CAT5, assembled, 0.5 m

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Accessories

Patch cable - FL CAT5 PATCH 1,0 - 2832276

Patch cable, CAT5, assembled, 1 m

Patch cable - FL CAT5 PATCH 1,5 - 2832221

Patch cable, CAT5, assembled, 1.5 m

Patch cable - FL CAT5 PATCH 2,0 - 2832289

Patch cable, CAT5, assembled, 2 m

Patch cable - FL CAT5 PATCH 3,0 - 2832292

Patch cable, CAT5, assembled, 3 m

Patch cable - FL CAT5 PATCH 5,0 - 2832580

Patch cable, CAT5, assembled, 5 m

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Accessories

Patch cable - FL CAT5 PATCH 7,5 - 2832616

Patch cable, CAT5, assembled, 7.5 m

Patch cable - FL CAT5 PATCH 10,0 - 2832629

Patch cable, CAT5, assembled, 10 m

Patch cable - FL CAT6 PATCH 12,5 - 2891369

Patch cable, CAT6, pre-assembled, 12.5 m

Patch cable - FL CAT6 PATCH 15,0 - 2891372

Patch cable, CAT6, pre-assembled, 15.0 m

Patch cable - FL CAT6 PATCH 20,0 - 2891576

Patch cable, CAT6, pre-assembled, 20.0 m

Plug

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Accessories

RJ45 connector - FL PLUG RJ45 GR/2 - 2744856

RJ45 connector, shielded, with bend protection sleeve, 2 pieces, gray for straight cables, for assembly on site. For connections that are not crossed, it is recommended that you use the connector set with gray bend protection sleeve.

RJ45 connector - FL PLUG RJ45 GN/2 - 2744571

RJ45 connector, shielded, with bend protection sleeve, 2 pieces, green for crossed cables, for assembly on site. For connections that are crossed, it is recommended that the connector set with green bend protection sleeves is used.

Protective cap

Dust protection - FL RJ45 PROTECT CAP - 2832991

Dust protection caps for RJ45 socket

Remote control software

License - MGUARD SECURE VPN CLIENT LIC - 2702579

License for mGuard Secure VPN Client v11.x

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