

FL MGUARD RS2000 TX/TX-B - Router



2702139

<https://www.phoenixcontact.com/us/products/2702139>

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.

Router, 10/100 Mbps, NAT



Your advantages

- Central management tool
- Maximum performance
- Maximum security

Commercial Data

Item number	2702139
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	DN28
Product Key	DNN321
Catalog Page	Page 334 (C-6-2019)
GTIN	4046356983242
Weight per Piece (including packing)	880 g
Weight per Piece (excluding packing)	725 g
Customs tariff number	85176200
Country of origin	DE

Technical Data

Dimensions

Width	45 mm
Height	130 mm
Depth	120.6 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)

Signal contact

Connection method	Plug-in/screw connection via COMBICON
Additional text	not electrically isolated

Product properties

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

Security functions

Data integrity	MD5, SHA-1, SHA 256, SHA-512
Dynamic Host Configuration Protocol (DHCP) support	Server or Relay Agent
Basic functions	Router for standard routing, NAT, 1:1-NAT and port forwarding
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

Electrical properties

Maximum power dissipation for nominal condition	2.4 W
---	-------

Supply

Supply voltage (DC)	24 V DC
Supply voltage range	11 V DC ... 36 V DC
Power supply connection	Via COMBICON, max. conductor cross section 2.5 mm ²

Residual ripple	3.6 V _{PP} (within the permitted voltage range)
Max. current consumption	0.24 A
Typical current consumption	100 mA (at U _S = 24 V DC)

Function

Signal contact control voltage	24 V DC (typical)
Signal contact control current	250 mA (short-circuit-proof)

Environmental and real-life conditions

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 % (non-condensing)

Mounting

Mounting type	DIN rail mounting
---------------	-------------------

EMC data

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

LED signaling

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

FL MGUARD RS2000 TX/TX-B - Router



2702139

<https://www.phoenixcontact.com/us/products/2702139>

Approvals



EAC

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



UL Listed

Approval ID: FILE E 238705



cUL Listed

Approval ID: FILE E 238705



EAC

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



cUL Listed

Approval ID: FILE E 238705



UL Listed

Approval ID: FILE E 238705

cULus Listed

2702139

<https://www.phoenixcontact.com/us/products/2702139>

Classifications

ECLASS

ECLASS-9.0	19170103
ECLASS-10.0.1	19170406
ECLASS-11.0	19170406
ECLASS-12.0	19170406
ECLASS-13.0	19170406

ETIM

ETIM 8.0	EC001478
----------	----------

UNSPSC

UNSPSC 21.0	43222600
-------------	----------

FL MGUARD RS2000 TX/TX-B - Router



2702139

<https://www.phoenixcontact.com/us/products/2702139>

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"

FL MGUARD RS2000 TX/TX-B - Router



2702139

<https://www.phoenixcontact.com/us/products/2702139>

Accessories

FL CAT5 PATCH 0,3 - Patch cable

2832250

<https://www.phoenixcontact.com/us/products/2832250>

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



FL MGUARD RS2000 TX/TX-B - Router

2702139

<https://www.phoenixcontact.com/us/products/2702139>



FL CAT5 PATCH 1,0 - Patch cable

2832276

<https://www.phoenixcontact.com/us/products/2832276>

Patch cable, CAT5, assembled, 1 m



FL CAT5 PATCH 1,5 - Patch cable

2832221

<https://www.phoenixcontact.com/us/products/2832221>

Patch cable, CAT5, assembled, 1.5 m



FL MGUARD RS2000 TX/TX-B - Router

2702139

<https://www.phoenixcontact.com/us/products/2702139>



FL CAT5 PATCH 2,0 - Patch cable

2832289

<https://www.phoenixcontact.com/us/products/2832289>

Patch cable, CAT5, assembled, 2 m

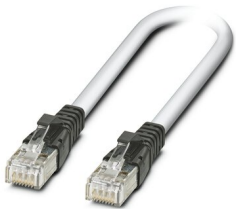


FL CAT5 PATCH 3,0 - Patch cable

2832292

<https://www.phoenixcontact.com/us/products/2832292>

Patch cable, CAT5, assembled, 3 m



FL MGUARD RS2000 TX/TX-B - Router

2702139

<https://www.phoenixcontact.com/us/products/2702139>



FL CAT5 PATCH 5,0 - Patch cable

2832580

<https://www.phoenixcontact.com/us/products/2832580>



Patch cable, CAT5, assembled, 5 m

FL CAT5 PATCH 7,5 - Patch cable

2832616

<https://www.phoenixcontact.com/us/products/2832616>



Patch cable, CAT5, assembled, 7.5 m

FL MGUARD RS2000 TX/TX-B - Router

2702139

<https://www.phoenixcontact.com/us/products/2702139>



FL CAT5 PATCH 10,0 - Patch cable

2832629

<https://www.phoenixcontact.com/us/products/2832629>

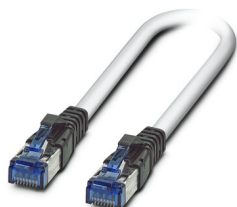


Patch cable, CAT5, assembled, 10 m

FL CAT6 PATCH 12,5 - Patch cable

2891369

<https://www.phoenixcontact.com/us/products/2891369>



Patch cable, CAT6, pre-assembled, 12.5 m

FL MGUARD RS2000 TX/TX-B - Router

2702139

<https://www.phoenixcontact.com/us/products/2702139>



FL CAT6 PATCH 15,0 - Patch cable

2891372

<https://www.phoenixcontact.com/us/products/2891372>

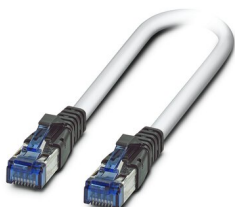


Patch cable, CAT6, pre-assembled, 15.0 m

FL CAT6 PATCH 20,0 - Patch cable

2891576

<https://www.phoenixcontact.com/us/products/2891576>



Patch cable, CAT6, pre-assembled, 20.0 m

FL MGUARD RS2000 TX/TX-B - Router

2702139

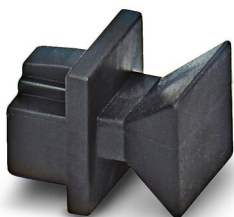
<https://www.phoenixcontact.com/us/products/2702139>



FL RJ45 PROTECT CAP - Dust protection

2832991

<https://www.phoenixcontact.com/us/products/2832991>

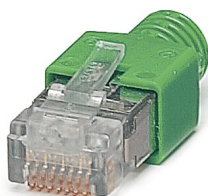


Dust protection caps for RJ45 socket

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, cable outlet: straight, color: green, Ethernet

FL MGUARD RS2000 TX/TX-B - Router



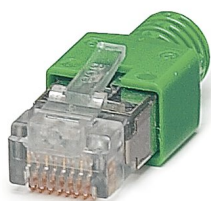
2702139

<https://www.phoenixcontact.com/us/products/2702139>

FL PLUG RJ45 GN/2 - RJ45 connector

2744571

<https://www.phoenixcontact.com/us/products/2744571>



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

FL CRIMPTOOL - Assembly tool

2744869

<https://www.phoenixcontact.com/us/products/2744869>



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

FL MGUARD RS2000 TX/TX-B - Router



2702139

<https://www.phoenixcontact.com/us/products/2702139>

FL MGUARD LIC LIFETIME FW - License

2700184

<https://www.phoenixcontact.com/us/products/2700184>



License for lifetime software update of FL MGUARD field 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.

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com