FL MGUARD RS2000 TX/TX-B - Router

2702139

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Router, 10/100 Mbps, NAT



The figure shows the standard item

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
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

Notes

Note on application

Note on application	Only for industrial use

Material specifications

Color (Housing)	white aluminium (RAL 9006)
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

Output data

Signal contact

Control voltage	24 V DC (typical)
Control current	250 mA (short-circuit-proof)

Product properties

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

Security functions

Basic functions	Router for standard routing, NAT, 1:1-NAT and port forwarding
Data integrity	MD5, SHA-1, SHA 256, SHA-512
Dynamic Host Configuration Protocol (DHCP) support	Server or Relay Agent
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 mm²
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)
Ground connection	Via DIN rail and/or COMBICON (optional)

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

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

Standards/regulations	EN 55022 / Class B

Signaling

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

Classifications

ECLASS

ECLASS-13.0	19170406
ECLASS-15.0	19170406

ETIM

ETIM 10.0	EC001478

UNSPSC

UNSPSC 21.0	43222600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	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.)	Lead(CAS: 7439-92-1)
SCIP	029f96d5-46ab-48ff-a213-3ecde00aa543

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