

PSI-DATA/FAX-MODEM/RS232 - Modem



2708203

<https://www.phoenixcontact.com/us/products/2708203>

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Industrial analog modem for assembly on EN DIN rails. For dial-up line/permanent line operation. Serial RS-232 interface, 3-way electrical isolation, alarm input/output, supply voltage 24 V AC/DC.

Your advantages

- Callback function
- Configurable, selective call acceptance
- Connection establishment with password protection
- Integrated surge protection to ensure high system availability
- High-quality electrical isolation

Commercial data

Item number	2708203
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DNC411
GTIN	4017918932602
Weight per piece (including packing)	330.1 g
Weight per piece (excluding packing)	330.1 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Product properties

Product type	Modem
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Electrical properties

Electrical isolation	VCC // PSTN // V.24 (RS-232)
Maximum power dissipation for nominal condition	2.4 W
Mains type	Fixed-line network
	Permanent line
Test voltage data interface/power supply	1.5 kV
Test voltage data interfaces	1500 V

Supply

Supply voltage range	10 V DC ... 60 V DC (via pluggable COMBICON screw terminal block)
	16 V AC ... 40 V AC (via pluggable COMBICON screw terminal block)
Nominal supply voltage	24 V DC $\pm 5\%$ (as an alternative or redundant, via backplane bus contact and system current supply)
Typical current consumption	< 100 mA (24 V DC)
	< 40 mA

Input data

Digital

Description of the input	Digital input
Number of inputs	1
Voltage input signal	9 V DC ... 48 V DC (floating contacts)
Current input signal	≤ 5 mA

Output data

Switching

Output name	Relay output
Number of outputs	1
Contact switching type	N/O contact
Maximum switching voltage	60 V DC
	42 V AC
Max. switching current	1 A

Connection data

Supply

Tightening torque	0.56 Nm ... 0.79 Nm
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Interfaces

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Signal	RS-232
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Data: V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1

Serial transmission speed	Automatic data rate detection (default) or fixed setting to 300, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bps, can be set via software
Connection method	D-SUB 9 plug
Transmission length	15 m
File format/coding	Serial asynchronous UART/NRZ, 7/8 data, 1/2 stop, 1 parity, 10/11-bit character length
Data flow control/protocols	Software handshake, Xon/Xoff, direct mode or hardware handshake RTS/CTS

Data: PSTN-Port (a/b-Line)

Connection method	RJ12, 6-pos., or pluggable COMBICON screw terminal block
Dialing procedure	Multiple frequency/pulse dialing, configuration via software

Dimensions

Width	35 mm
Height	99 mm
Depth	114.5 mm

Material specifications

Color	green
Material (Housing)	PA V0

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Altitude	≤ 5000 m (For restrictions, see the manufacturer's declaration for altitude operation)

Approvals

Corrosive gas test

Identification	ISA-S71.04-1985 G3 Harsh Group A
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EMC data

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

Noise emission

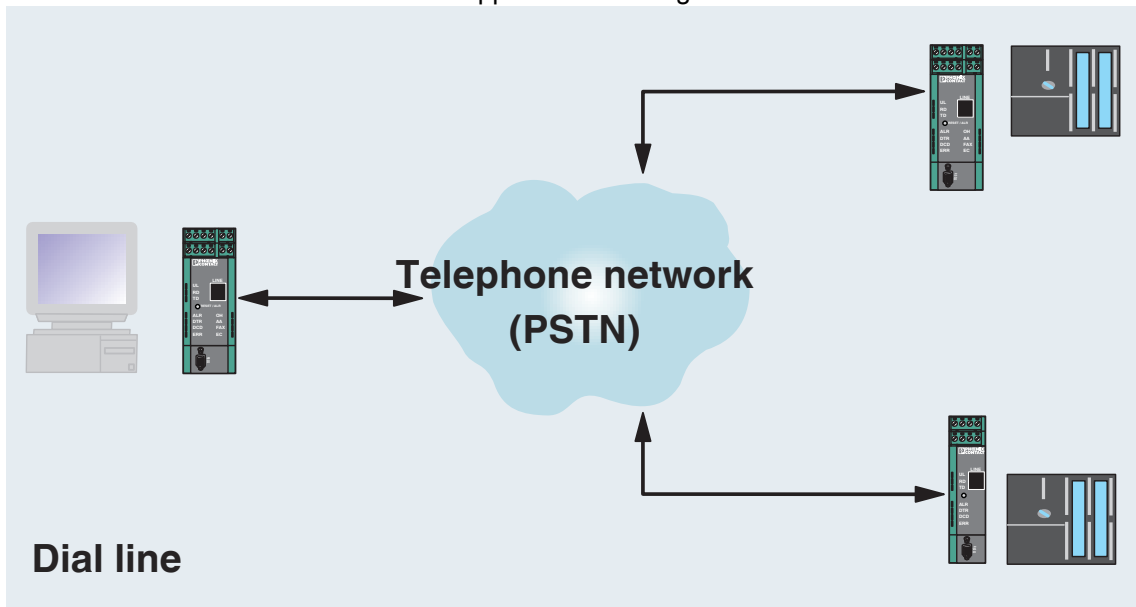
Standards/regulations	EN 55032
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Mounting

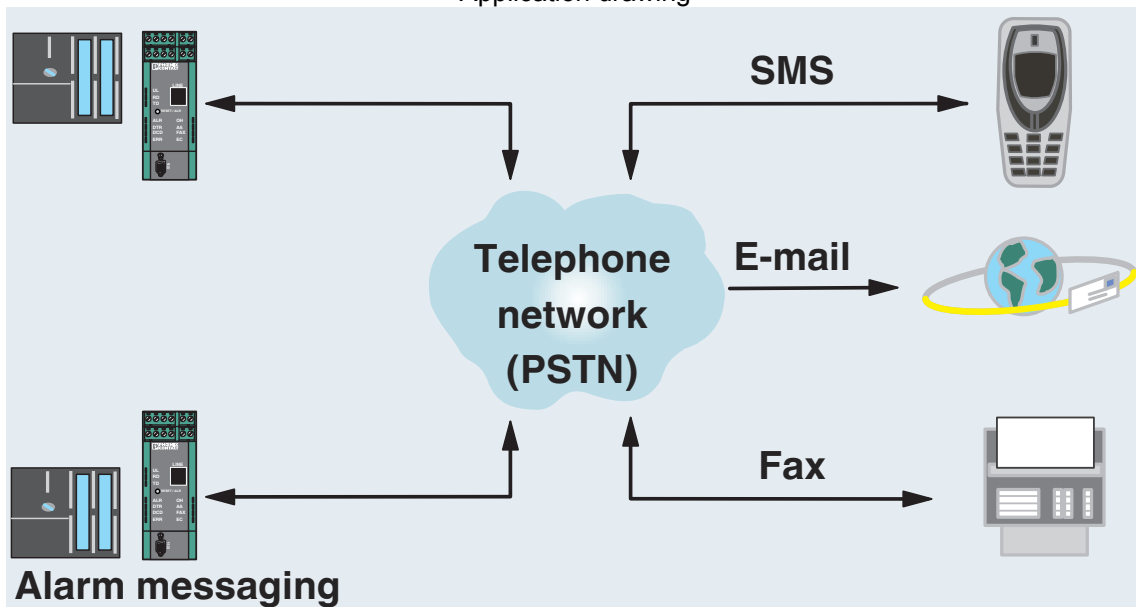
Mounting type	DIN rail mounting
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Drawings

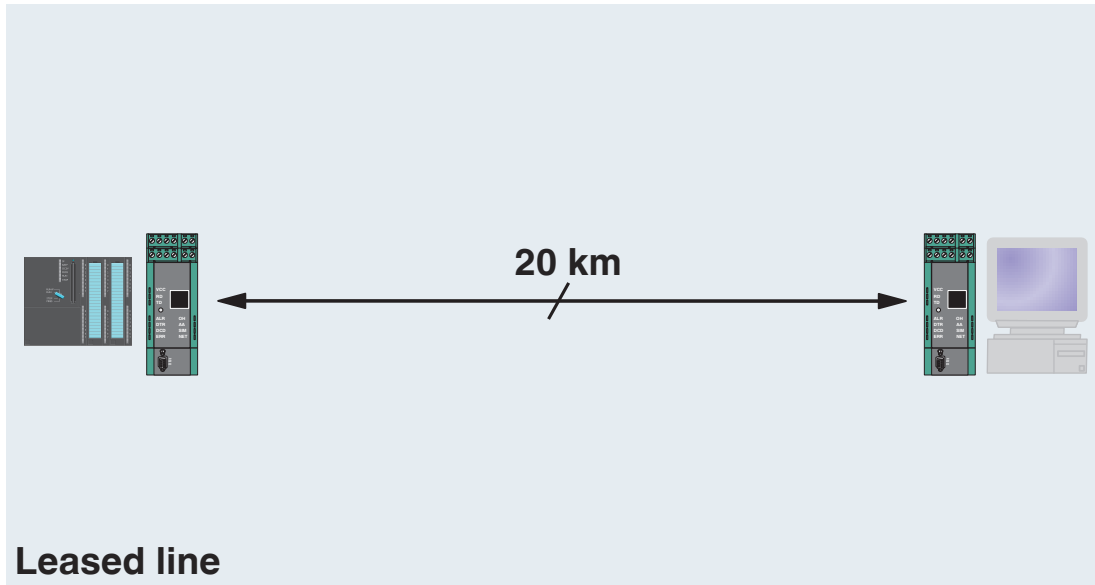
Application drawing



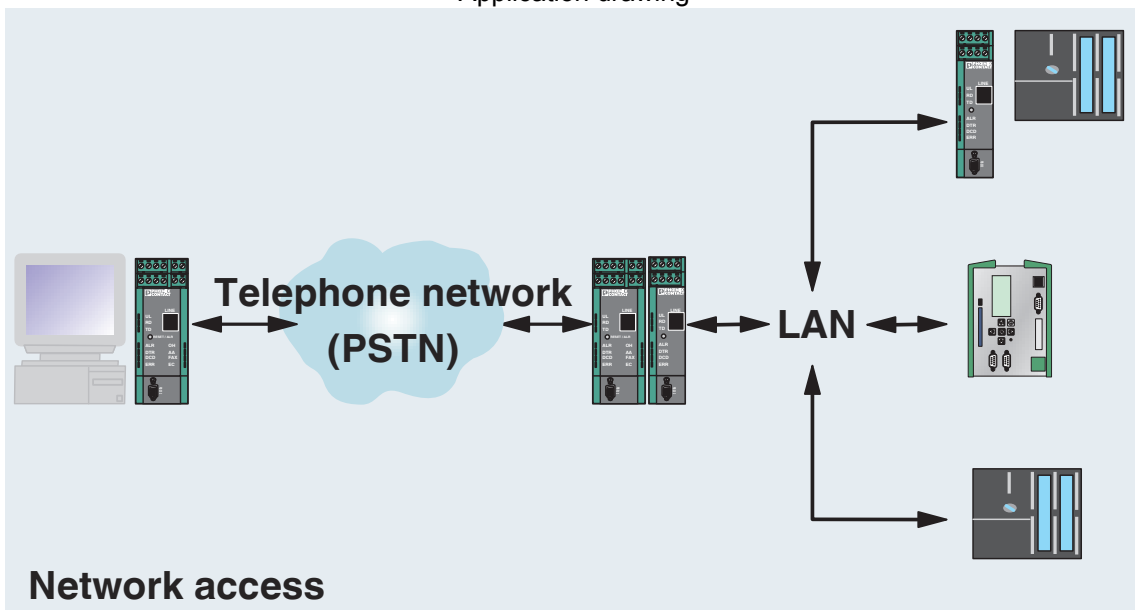
Application drawing



Application drawing



Application drawing



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Environmental product compliance

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.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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