



Automatización Eléctrica
Especialistas en Automatización

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Modem - PSI-DATA/BASIC-MODEM/RS232 - 2313067

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Industrial analog modem for assembly on EN DIN rails. Worldwide access to industrial PCs, machines and systems. Serial RS-232 interface, 3-way electrical isolation, supply voltage 24 V DC.

Why buy this product

- Configurable, selective call acceptance
- High-quality electrical isolation
- Connection establishment with password protection
- Integrated surge protection
- Callback function



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 098823

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	22.5 mm
Height	99 mm
Depth	114.5 mm

Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Degree of protection	IP20
Noise immunity	EN 61000-6-2:2005

General

Electrical isolation	VCC // PSTN // V.24 (RS-232)
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Technical data

General

Test voltage data interfaces	1500 V
Test voltage data interface/power supply	1.5 kV
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC (valid until 19.04.2016) / 2014/30/EU (valid from 20.04.2016)
Noise emission	EN 55022
Net weight	246.1 g
Housing material	PA V0
Color	green
MTTF	628 Years (SN 29500 standard, temperature 25°C, operating cycle 21 % (5 days a week, 8 hours a day))
	290 Years (SN 29500 standard, temperature 40 °C, operating cycle 34.25 % (5 days a week, 12 hours a day))
	115 Years (SN 29500 standard, temperature 40°C, operating cycle 100 % (7 days a week, 24 hours a day))

Power supply

Nominal supply voltage	24 V DC $\pm 5\%$ (as an alternative or redundant, via backplane bus contact and system current supply)
Supply voltage range	10 V DC ... 30 V DC (via pluggable COMBICON screw terminal block)
Typical current consumption	< 100 mA (24 V DC)
	< 40 mA

Serial interface

Interface 1	V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1
Interface	RS-232
Connection method	D-SUB-9 plug
File format/coding	Serial asynchronous UART/NRZ, 7/8 data, 1/2 stop, 1 parity, 10/11-bit character length
Transmission length	15 m
Data flow control/protocols	Software handshake, Xon/Xoff or hardware handshake RTS/CTS
Serial transmission speed	Automatic data rate detection 300, 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200 bits/s
Interface 2	PSTN-Port (a/b-Line)
Operating mode	Dial-up modem, 2-wire half/full duplex
Connection method	RJ12, 6-pos.
Dialing procedure	Multiple frequency/pulse dialing, configuration via software

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC (valid until 19.04.2016) / 2014/30/EU (valid from 20.04.2016)
Noise emission	EN 55022
Noise immunity	EN 61000-6-2:2005
Connection in acc. with standard	CUL

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Classifications

eCl@ss

eCl@ss 4.0	27250312
eCl@ss 4.1	27250312
eCl@ss 5.0	27242208
eCl@ss 5.1	27242208
eCl@ss 6.0	27242208
eCl@ss 7.0	27242208
eCl@ss 8.0	19060590
eCl@ss 9.0	19060590

ETIM

ETIM 2.0	EC000310
ETIM 3.0	EC000310
ETIM 4.0	EC000310
ETIM 5.0	EC000740

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	43201553

Approvals

Approvals

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UL Recognized / cUL Recognized / EAC / KC / cULus Recognized

Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized


Approvals submitted

Approval details

UL Recognized


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Approvals

cUL Recognized 

EAC

KC

cULus Recognized 

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



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Product	Code	Reference	Product link
Industrial analog modem for assembly on EN DIN rails. Worldwide access to industrial PCs, machines and systems. Serial RS-232 interface, 3-way electrical isolation, supply voltage 24 V DC.	2313067	PSI-DATA/BASIC-MODEM/RS232	Buy on EAN