

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
Weight per Piece (excluding packing)	246.000 g
Custom tariff number	85176200
Country of origin	Germany

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
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Ambient conditions

Degree of protection	IP20
Noise immunity	EN 61000-6-2:2005

General

Electrical isolation	VCC // PSTN // V.24 (RS-232)
Test voltage data interfaces	1500 V
Test voltage data interface/power supply	1.5 kV
Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
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

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Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 55022
Noise immunity	EN 61000-6-2:2005
Connection in acc. with standard	CUL

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

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

Ex Approvals

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Approval details

UL Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm> FILE E 238705

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EAC RU *-DE.A*30.B.01735

KC <http://rra.go.kr/eng2/index.jsp> KCC-CTI-PCK-PSIDATA2

cULus Recognized  <http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

