

# PSI-DATA/BASIC-MODEM/RS232


Order No.: 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.



Commercial data	
GTIN (EAN)	4  046356 098823
sales group	H660
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 557 (IF-2011)

**Product notes**

WEEE/RoHS-compliant since:  
02/06/2006



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Technical data	
<b>Serial interface</b>	
Interface 1	V.24 (RS-232) interface in acc. with ITU-T V.28, EIA/TIA-232, DIN 66259-1
File format/coding	Serial asynchronous UART/NRZ, 7/8 data, 1/2 stop, 1 parity, 10/11-bit character length
Transmission length	15 m

Connection method	D-SUB-9 male connector
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)
Connection method	RJ12, 6-pos.
Dialing procedure	Multiple frequency/pulse dialing, configuration via software

**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

**General data**

Width	22.5 mm
Height	99 mm
Depth	114.5 mm
Ambient temperature (operation)	0 °C ... 55 °C
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 2004/108/EC
Noise emission	EN 55022
Noise immunity	EN 61000-6-2:2005
Degree of protection	IP20
Housing material	PA V0, color green
Color	green

**Certificates / Approvals**



Certification	CUL, UL
Certification Ex:	CUL-EX, UL-EX

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## Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
2881078	CM-KBL-RS232/USB	Connecting cable D-9-SUB to USB, with adapter D-9-SUB to D-25-SUB.
2708520	PSM-KA9SUB9/BB/0,5METER	RS-232 cable, 9-pos. D-SUB female connector on 9-pos. D-SUB female connector, 9-wire, 1:1
2799474	PSM-KA9SUB9/BB/2METER	RS-232 cable, 9-pos. D-SUB female connector on 9-pos. D-SUB female connector, 9-wire, 1:1
2319200	PSM-KAD-IL RS232/9SUB/B/0,8M	Adapter cable to connect the IB IL RS232 and IB IL RS232-PRO Inline communication terminals to the interface converter, e.g. modem, Com server, Bluetooth or fiber optics.
2319200	PSM-KAD-IL RS232/9SUB/B/0,8M	Adapter cable to connect the IB IL RS232 and IB IL RS232-PRO Inline communication terminals to the interface converter, e.g. modem, Com server, Bluetooth or fiber optics.
<b>General</b>		
2707437	ME 22,5 TBUS 1,5/ 5-ST-3,81 GN	DIN rail connector for current transducers, gold-plated contacts, for DIN rail mounting, 5-pos.
2866983	MINI-SYS-PS-100-240AC/24DC/1.5	DIN rail power supply unit, primary-switched mode, slim design, output: 24 V DC / 1.5 A
2708753	PSM-AD-D9-NULLMODEM	V.24 (RS-232) zero modem connector
<b>Plug/Adapter</b>		
2313148	PSI-MPI/RS232-PC	MPI adapter for coupling to the programming interface of a SIMATIC® S7-300 / 400 control

**Address**

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