

Embedded module

Socket Modem basic

Shape	Transmission technology						
	3G/HSPA	GSM/GPRS/EDGE	xDSL	Ethernet	WLAN	Analogue	ISDN
DIN-rail serial	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DIN-rail network	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Desktop	<input type="checkbox"/>	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
19" rack						<input type="checkbox"/>	<input type="checkbox"/>
Embedded module	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



Remote data transmission in the industrial and commercial field

With the Socket Modem basic remote data transmission takes place using an analogue telephone line. The compact standard format Socket results in a space saving communication connection for any control device. To realize controls independently from the communication type, there are compatible variants for ISDN and mobile radio networks available.

The fields of application for the Socket Modem basic are e.g.: remote maintenance, remote monitoring, remote configuration, POS, MDE, time registration or decentralized data collection.

Features

- Pin and size compatible to the Socket series
- Serial access: RS 232 (TTL)
- Control via AT commands

Applications

- Building automation and control
- Vending machines / Point-of-sale (POS)
- Data collection
- Metering



Technical data

Socket Modem basic

Network interface, line requirements	Analogue telephone network, dial-up line
Data transmission rate	Up to 56,000 kps
Software update	Patch
Approvals	R&TTE, CTR21
Country codes	Worldwide compatible by the use of country codes
Standards	Developed according to CE directives, manufactured according to ISO9001
Features	
Configuration	AT command via serial line
Connection	Auto answer mode, hardware/software handshake, autobauding, sleep mode, number storage, international settings
Data formats	7E1, 7O1, 7N2, 7E2, 7O2, 8N1, 8E1, 8O1, 8N2 and bit transparent
Protocols, error correction, compression	V.92, V.90, V.34+, V.34, V.32 bis, V.32, V.23, V.22 bis, V.21, Bell 103/212, fax class 1, MNP2/3/4, V.42, MNP 10, MNP 10 EC, MNP 5, V42 bis, V.44
Electrical features	
Power supply	3.3 V DC \pm 5%
Power consumption	140 mA
Application interface	TTL, RS232 (2 mm pin row connector)
Network interface	2 mm pin row connector
Serial line speed	300 - 115,000 bps
Physical features	
Size in mm	64.5 l x 26.5 w x 14 h
Temperature range	-20°C ... +70°C
Humidity	0 ... 90% (non condensing)

Product description	Order number
Socket Modem basic	11-01-02-01-21.

Support

- Designer's guide
- Development board
- Hotline support

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