

# DIN rail INSYS Powerline

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



## Data transmission via electrical grid

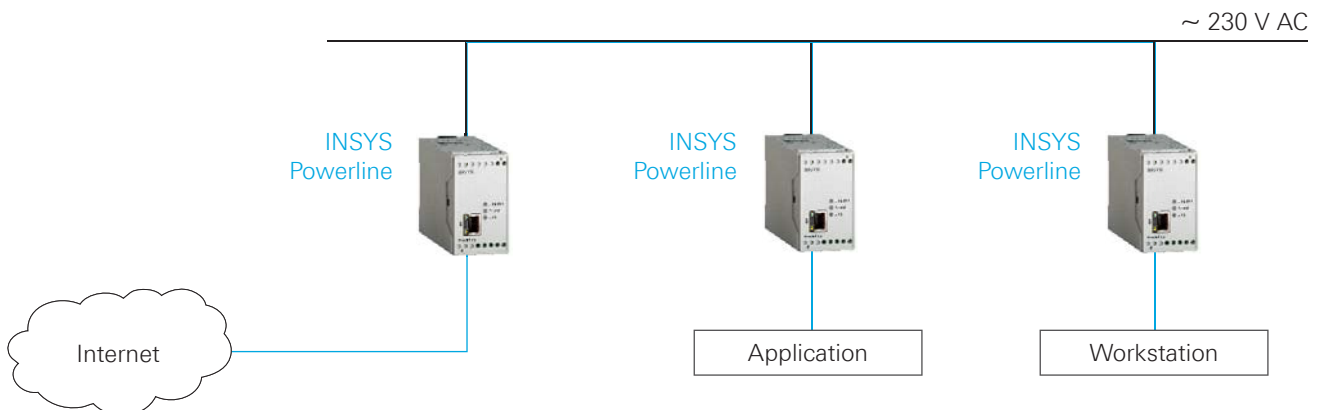
INSYS Powerline connects Ethernet networks and devices via the electrical grid. Networks in home, office, and production can be quickly extended without any further installation. Existing lines in buildings (even when not powered) transfer broadband data up to 85 Mbps. INSYS Powerline is immediately ready to use without configuration. Devices can be arranged in groups and separated from others.

## Features

- Broadband PLC according to HomePlug 1.0 Turbo®
- Communication also via non-powered lines
- Extended temperature range
- DIN rail mounting
- Power supply 10...60 V DC

## Applications

- Replacement of overcrowded WLAN networks
- Network extension without installation



## Technical data

### INSYS Powerline

<b>Interfaces</b>	
LAN	Ethernet 10/100 BT (auto-sense)
Powerline	Homeplug 1.0 Turbo®, 85 Mbps
<b>Configuration</b>	
	Plug & Play - no configuration necessary Remote configuration via PC tool Encryption key configuration for group arrangement
<b>Approvals / Standards</b>	
	R&TTE 1999/5/EG, DIN EN 55022 Class B, DIN EN 61000-6-2, DIN EN 60950-1
<b>Electrical features</b>	
Power supply	10...60 V DC
Power consumption	Idle: 2 W Connection: 2.5 W
<b>Physical features</b>	
Size in mm	110 l x 45 w x 75 h
Weight	150 g
Protective rating	Housing IP40, Terminals IP20
Temperature range	0 ... +55°C
Humidity	0 ... 95% (non condensing)
Mounting	DIN rail

Product description	Features	Order number
INSYS Powerline	HomePlug 1.0 Turbo®	11-02-01-09-01.

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