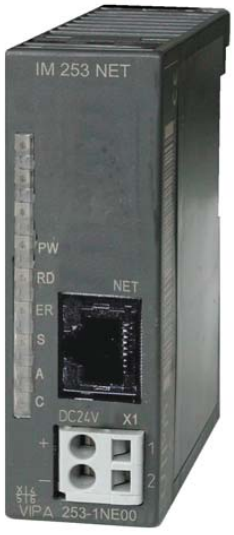
Datenblatt / Data Sheet

VIPA
Gesellschaft für Visualisierung
und Prozessautomatisierung mbH

Ohmstr. 4
91074 Herzogenaurach
Germany
Tel.: +49-9132-744-0
Fax: +49-9132-744-144
www.vipa.de
info@vipa.de

Ethernet coupler IM 253NET



IM 253NET

The IM 253NET from VIPA is a slave system. For the communication happens via TCP/IP, the slave system is referred to as server and a master as client.

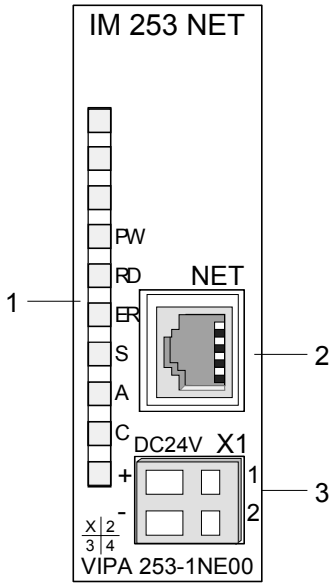
The Ethernet coupler from VIPA allows you to connect up to 32 modules of your System 200V periphery via Ethernet. With each protocol up to 8 clients may communicate simultaneously with the Ethernet coupler.

Features

The Ethernet coupler has the following properties:

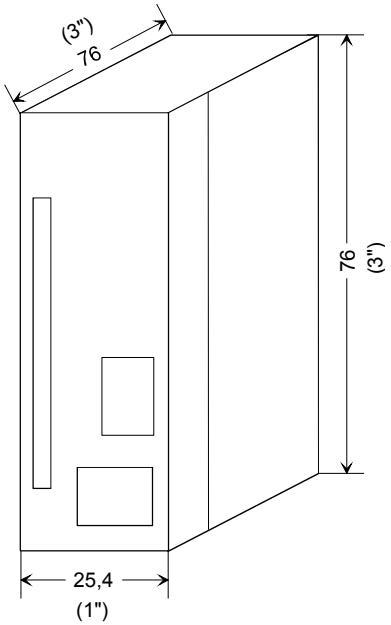
- Ethernet coupler with ModbusTCP and Siemens S5 Header protocol
- max. 32 modules connectable
- max. 256Byte input und 256Byte output data
- I/O access with both protocols via PC software like e.g. the OPC server from VIPA
- Online project engineering under WinNCS from VIPA with automatic coupler search and parameterization of modules in plain text.
- Integrated web server for test and diagnosis
- RJ45 jack 100BaseTX, 10BaseT
- auto negotiation
- auto crossover
- Network LEDs for link/activity, speed and collision
- Status LEDs for Ready and Error

Front view:



[1] LED Status monitor
[2] RJ45 jack for Twisted Pair
[3] DC 24V voltage supply

Dimensions:



Technical data

Electrical data	
Voltage supply	DC 24V (20.4 ... 28.8V)
Current consumption	120mA
Potential separation	≥ AC 500V
Status monitor	via LEDs at the front side
Ethernet Interface	
Connection	RJ45
Network topology	Star topology
Medium	Twisted Pair
Transfer rate	10/100MBit
Total length	max. 100m per segment
Online access	
Test/Diagnosis	http server integrated
Project engineering	via WinNCS with online coupler search and engineering
Combination with peripheral modules	
max. number of clients	8 per ModbusTCP res. Siemens S5 protocol
max. number of input byte	256
max. number of output byte	256
Dimensions and Weight	
Dimensions (WxHxD) in mm	25.4x76x76
Weight	70g
Order number	
IM 253NET	VIPA 253-1NE00