

Technical data

Electrical data	VIPA 343-1EX71
Power supply	via back plane bus
Current consumption	max. 550mA
Power dissipation	2.75W
Isolation	≥ AC 500V
Status indicator	LEDs at the front
Connectors/interfaces	RJ45 jack Ethernet link
Ethernet interface	
RJ45	
Baud rate	10/100MBit (automatic switch)
Overall length	max. 100m each segment
Configurable connections	
Maximum number of productive connections by Siemens NetPro	16
Maximum Number of productive connections by user program	64 (starting with CP firmware version V2.2.8 for ISO transport connections as well)
Siemens S7 connections	USEND, URCV, BSEND, BRCV, GET, PUT, remote-CPU functions. Connection establishment active and passive, supports unspecified connection partner
TCP connections	SEND, RECEIVE, FETCH PASSIVE, WRITE PASSIVE Connection establishment active and passive, supports unspecified connection partner
ISO-on-TCP connections (RFC1006)	SEND, RECEIVE, FETCH PASSIVE, WRITE PASSIVE Connection establishment active and passive, supports unspecified connection partner
UDP connections	SEND and RECEIVE The transfer of the telegrams is not acknowledged, i.e. the loss of messages is not recognized by the send block.
UDP Broadcast connection	SEND
UDP Multicast connection	SEND and RECEIVE (max. 16 multicast circles)
Data block length	max. 64kByte (max. 2KByte at UDP)
VIPA handling blocks	
Siemens S7 connection	FB/SFB VIPA handling blocks USEND, URCV, BSEND, BRCV, GET, PUT, remote CPU functions; any call without lock in all OBs.
Send/Receive connections	FC VIPA handling blocks AG_SEND, AG_RECEIVE; any call without lock in all OBs
PG/OP connections	
Maximum number of PG/OP connections	32 (each 1 connection is reserved for PG and OP)
Diagnostic	supports NCM diagnostic via Ethernet
Search within network	supports Siemens SIMATIC manager search
Dimensions and weight	
Dimensions (WxHxD) in mm	40x125x120
Weight	165g