

S5-PCLink

Ethernet gateway for SIMATIC* S5 controllers

Quick and easy integration of proven S5 technology into modern Ethernet architectures. Program and display STEP5* and capture process data at the same time with only one controller! S5 data can be directly accessed by S7 controllers.

SPACE SAVING AND QUICK TO CONNECT

The electronics of this ultra compact Ethernet gateway are enclosed in a 15-pin D-sub housing. All you need to do on the controller side is connect the S5-PCLink to the programming interface. The S5-PCLink is, ideally, powered by the controller but can also run on external power. Hubs or switches are usually used for connection to Ethernet. An LED shows you the functional state of the unit.

EASY CONFIGURATION FOR BOTH LOCAL AND REMOTE ACCESS

The S5-PCLink supports 10/100 Mbit/s Ethernet with automatic detection. The gateway receives the IP address through manual configuration or from a DHCP server. This allows you to access the connected S5 via Ethernet wherever you are - directly on site or from a remote computer on the network.

DATA INTEGRATION WITHOUT CHANGES TO THE CONTROL PROGRAM

The gateway synchronizes communication with the PLC, providing reliable parallel access to S5 data by multiplexing. No application needs to be interrupted in favor of another. A virtual COM interface allows STEP5 programming via Ethernet. Visualization and SCADA systems can also access the S5 data through an optional OPC server. SIMATIC S7 controllers supporting TCP/IP PUT/GET can read and write data without changes to the S5 project.

CUSTOMER BENEFITS

- > Extended usability of S5 systems saves investment costs
- > Easy configuration and quick commissioning
- > Data integration without changes to the control program



TECHNICAL DATA

Supported S5 controllers	S5 AG 90U to S5 AG 155U
S5 data types	E, A, M, DB, Z, T
PLC interface	S5 PG port, 15-pin connector, 9,6 kBaud
Ethernet interface	RJ45, 100 Mbit/s and 10 Mbit/s with automatic detection
Communication types	AS511, RK512 (PG connection through STEP5 and virtual COM port) ISO (H1), ISO on TCP (RFC 1006), DHCP
IP address	Manually configurable, via DHCP server, or auto IP
Power supply	24V/DC-80 mA from AG or external power supply 24 V DC, 80 mA max.
Dimensions	42 x 15 x 65 mm (H x W x D)
System requirements	PC/PG with Windows 98/NT/2000/XP and 10/100 MBit Ethernet

ORDER NUMBER

S5-PCLink	S5-PCLink interface, CD-ROM, printed quick reference guide
-----------	--

ADDITIONAL PRODUCTS AND SERVICES

Supported software	Softing S7/S5 OPC Server Siemens STEP5 Citect, InTouch, RSView, WinCC* and other OPC clients
--------------------	--

Softing is a world-leading provider of industrial communication solutions and products designed around the needs of process and production automation. With our interdisciplinary approach and our many years of experience, we offer effective solutions to meet even the most complex requirements.

Softing Industrial Automation GmbH
Richard-Reitzner-Allee 6
85540 Haar / Germany

Tel.: +49 89 4 56 56-340
Fax: +49 89 4 56 56-488
info.automation@softing.com
www.softing-ia.com