

# Handling-Shortinstruction for S7-FIREWALL



## Installation

### 1 Voltage connection

For the power supply of the device, either the supplied plug-in power supply unit or an on-site power supply of 24V / DC with min. 350mA power connected to the green 3-pin connector.

With the optional plug-in power supply, the voltage poles are marked by colored wire end ferrules.

The PLUS pole with the color "red", the MINUS pole with the color "blue". The PLUS pole is connected to the left screw terminal and the MINUS pole to the right (outer) screw terminal. The middle connection is for earthing and must be connected to PE .

### 2 Ethernet-Anschluss

If the device is to be integrated into the network or configured via the network, the optionally available patch cable for the connection is plugged into the RJ45 socket (WAN / LAN) and the device can now be reached via its default IP address:

WAN: 192.168.1.57

LAN: 192.168.2.1

### 3 Introduction

S7 firewall is a scalable "SPS firewall" that not only filters IP / MAC addresses. For freely definable connections, access to any data areas of the PLC can be restricted / specified. S7 firewall can be installed anywhere between PLC and operating / programming level. S7 firewall automatically detects the installation direction. Only configured connections are allowed.

## 4 Configuration

In the configuration, the network settings etc. can be parameterized. The input forms are usually self-explanatory. We are happy to receive suggestions from users to make operation even easier.

You have the following options for addressing S7 firewall via WEB browser. Assign an IP address from the corresponding network segment on the PC (for example, 192.168.1.100 or 192.168.2.100) and connect the PC accordingly to LAN or WAN via Ethernet. In the browser enter `http: //192.168.1.57`, or `http://192.168.2.1`. Or you set your PC to get IP address automatically and connect it to the LAN port of the TeleRouter. TeleRouter automatically assigns an IP address to the PC. In the browser you can address the device with: `http: // telerouter`.

The S7 firewall can be started at any time with this basic setting without losing the settings made.

Proceed as follows:

- Put a paperclip or similar in order to operate the factory reset button. Do not worry, we will not do a factory reset. The button hides between WAN and LAN ports. There is a small hole. Insert the paperclip there .
- De-energize the device
- turn back on
- when the 4 LEDs go out and only the power LED is on, hold the button with paperclip until all 4 LED's flash fast .
- Release the button
- if the LED S3 (bottom right) is lit, press the button again

When then the device boots in the default setting. Now the desired changes to the network setting can be made. However, these settings do not become active until the device is restarted.

**Menutree Website:**

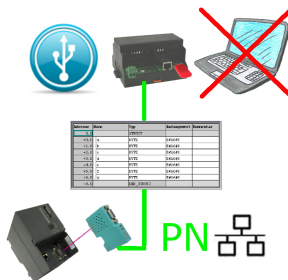
- + Products / docu / downloads
- + Hardware
  - + Security
  - + S7-Firewall

**QR-Code Website:**



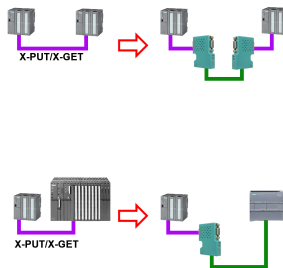
Please make sure to update your drivers before using our products.

**Data backup S7-PLC over MPI/Profibus on USB-stick**



S7-PLC triggered DB-backup/-restore without additional PC via MPI/Profibus on USB-stick

## Extend MPI/DP-bus over network or convert to network



MPI/DP communication between two S7-300/400 controllers on the same bus

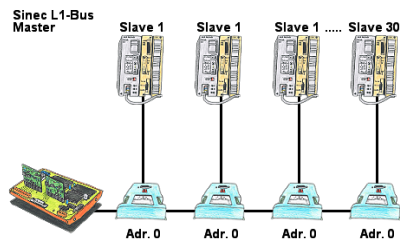
- a control is relocated spatially:

2x S7-LAN with activated X\_PUT/X\_GET module, the data is transported between the modules via the network.

- a control is replaced by a PN control:

1x S7-LAN with activated X\_PUT/X\_GET module and the received-data are transferred automatically to the configured PN-PLC via PUT/GET.

## Sinec-L1-bus without master (CP530)



You have a running Sinec-L1-bus and your master the CP530 is defective or rather broke down and the bus has to continue running? No problem, connect the L1-controller to the according bus-modules instead of the CP530, define the circulation list of the clients and the L1-bus continues running immediately.