

# 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:**

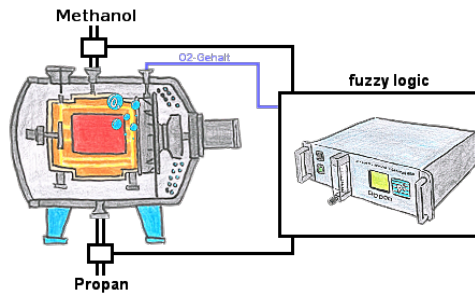
- + Products / docu / downloads
- + Hardware
- + Security
- + S7-Firewall

**QR-Code Website:**



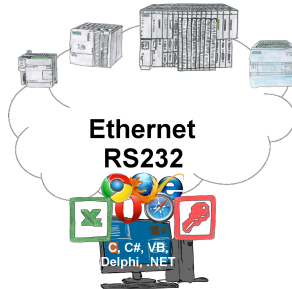
Please make sure to update your drivers before using our products.

Fuzzy controller with the OSC-II



Through 3 free configurable limits (of each kind) you wont be able to realice a fuzzy-controller of your heat treatment furnace.

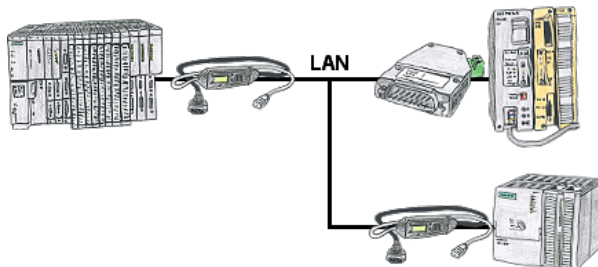
## Communication-driver for S7-PLC



S7-PLCs and you need data in your PC or production planning system?

The S7-communication-drivers connect the office-world with the control-world. Be it classic with a serial-port of the PC up to communication over the network. Thanks to additional adapters (such as S7-LAN), controllers without a LAN connection can be connected to the network. Nothing stands in the way of communication with an IP-address. On your PC for Windows as a DLL-file, for Linux as an object, you have tools where you can access the data of the controls by calling up functions such as "ReadBlock" or "WriteFlag". Tie for e.g. the DLL into your project and your application already has PLC-access or simply access the data with Excel and process it in Excel.

## PLC-coupling (data exchange between PLC-devices)



Your pumping stations report the water levels of the central control via telephone network. The central office itself can of course transmit commands/messages to the substations as well. Thereto no dedicated line is required, it's sufficient when the stations connect via network (DSL-router).