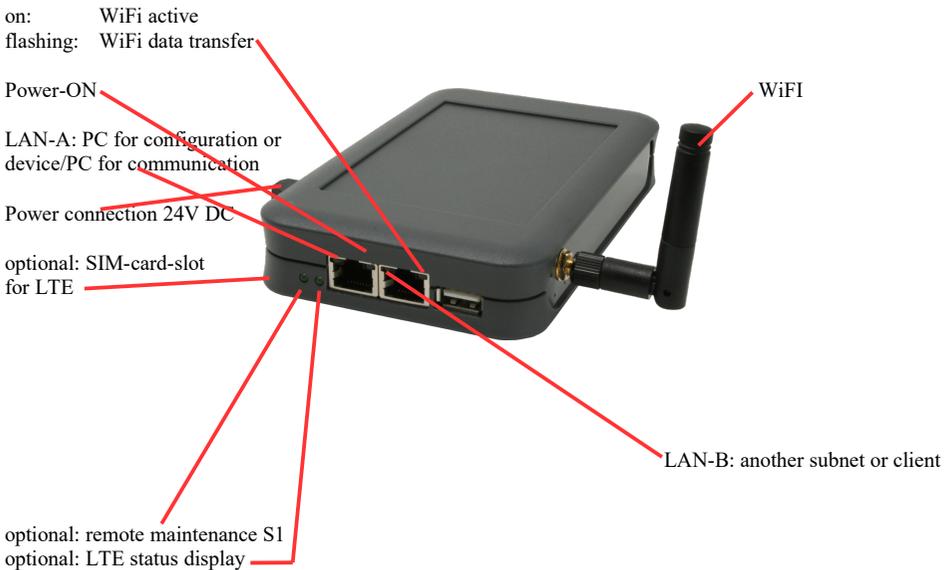


Handling-Shortinstruction V1.0 for CONNECT-IP-Switch

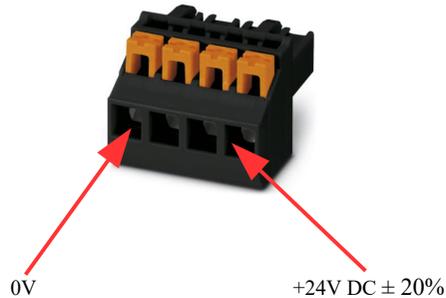
Connectors:



Power connection :

Voltage: 24 V DC \pm 20%
power consumption : 1,2W

Assignment of voltage plug :



Initial start-up:

- CONNECT-IP-Switch creates a WLAN network with an SSID „CONNECT WiFi“ with active DHCP master (laptop is automatically assigned an IP address)
- Connect laptop to this WiFi network and open with browser webserver with IP: <http://192.168.2.1>

or

- Connect the PC to the LAN port using a LAN cable
- PC must be in the 192.168.2.xxx subnet

Starting page:

commissioning

Before you can start to use the device you will have to set up some basic settings. Afterwards your device will be immediately ready for the communication.
On the page "configuration" you can change these as well as some further settings at any time.

basic configuration

In the first step you have the possibility to specify a name for your device.

device name:

Basic configuration:

Assign a name to the device for identification

Connection to company network:

Internet configuration

Next you have to configure how your device should establish a connection to the internet.

router interface: LAN-A ▾

IP settings

IP configuration: DHCP
 manually

IP address:

subnet mask:

gateway address:

Internet-configuration:

Determine the interface to which the target network is connected

IP settings:

- IP-configuration: DHCP (Parameters come from a DHCP master on the network)
Manuell (IP address + subnet mask fields must contain valid values)
- IP address: IP address of the device
- subnet mask: Subnet mask of the device
- gateway address: Gateway address of the device

WLAN settings

search:

SSID:

security type: open ▾

channel: auto channel ▾

WLAN settings:

- Search: Searches for accessible WiFi networks and lists them. By clicking on an entry, the selected WiFi network is used for connection
- SSID: Name of the connected or created network
- security type: Open (no encryption)
WEP (either 5 or 13 ASCII/10 or 26 hexadecimal characters)
WPA (8-64 ASCII characters)
WPA2 (8-64 ASCII characters)
WPA/WPA2 8-64 ASCII characters (Independent automatic selection whether WPA or WPA2)
- channel: Selection of the connection channel

Peripheral configuration:

Interface: Determine the interface that is to be connected to the machine network

peripheral configuration

In the last step you can select the interface and configure the addresses for the devices (e. g. from a PLC) who should be reachable from the router interface.

interface:

IP settings

IP configuration: DHCP
 manually

DHCP server: enable

IP address:

subnet mask:

IP settings:

- IP configuration: DHCP (Parameters come from a DHCP master on the network)
Manuell (IP address + subnet mask fields must contain valid values)
- DHCP-Server: Device is a DHCP server on the selected interfaces
- IP address: IP address of the device
- subnet mask: Subnet mask of the device

WLAN settings

search:

mode:

SSID:

security type:

channel:

WLAN settings:

- search: Searches for accessible WiFi networks and lists them; by clicking on an entry, the selected WiFi network is used for connection
- mode: Access-Point (AP) [the CONNECT-IP-Switch opens its own WiFi]
Client [the CONNECT-IP-Switch connects to an existing WiFi network]
- SSID: Name of the connected or created network
- security type: Offen (no encryption)
WEP (either 5 or 13 ASCII/10 or 26 hexadecimal characters)
WPA (8-64 ASCII characters)
WPA2 (8-64 ASCII characters)
WPA/WPA2 8-64 ASCII characters (Independent automatic selection whether WPA or WPA2)
- channel: Selection of the connection channel

IP-Switch configuration:

Determine the IP addresses or IP address ranges that are to be converted from the machine network into the company network.

IP-SWITCH

network bridge: enable

IP translations: + <>

IP firewall: +

- network bridge: With this option, all IP packets from the company network to the machine network and vice versa are pushed through the CONNECT-IP switch, except for the packets for IP address translation is registered. This option must be deactivated to ensure strict separation of the machine network and the company network!
- IP translation: left field: IP address from the machine network that is to be implemented
right field: Converted new IP address from the company network
- IP firewall: The line is accepted with the + symbol and further conversion can be entered Here you determine whether and which IP addresses from the machine network are allowed to communicate with the company network

After selecting the configuration, save it in the device and after a short initialization time (max. 10s) the devices are ready for operation.

You can find out more about the operating modes in the device manual on the CONNECT-IP switch product page

Under the web-address <https://www.process-informatik.de> are product specific documentations or software-driver/-tools available to download.
If you have questions or suggestions about the product, please don't hesitate to contact us.

Process-Informatik Entwicklungsgesellschaft mbH

Im Gewerbegebiet 1

DE-73116 Wäschenbeuren

+49 (0) 7172-92666-0

info@process-informatik.de

<https://www.process-informatik.de>

Copyright by PI 2024 - 2026

Menutree Website:

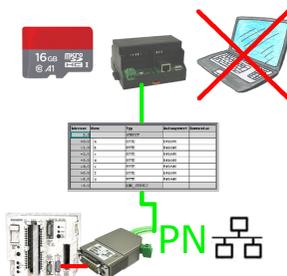
- + Products / docu / downloads
- + Hardware
 - + Remote maintenance
 - + S5
 - + Internet
 - + CONNECT devices
 - + CONNECT-HS-IP-Switch

QR-Code Website:



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

Data backup S5-PLC on SD-card



S5-PLC triggered DB-backup/-restore without additional PC via PG-socket and Ethernet on SD-card

Remote maintenance of your S5-PLC via LAN / Internet



You have access to a on-site network and your PLC has no LAN-connection? No problem, plug the S5-LAN on the PLC and you will have immediate access to the PLC from afar.

Sensor-networking 4.0

Siemens S5
Read / Write
PG-Schnittstelle



Siemens S7
Read / Write
PPS / MPI / DP





EtherSens
Analog IN / OUT
Digital IN / OUT

Energieanalyse
(EN 62053-1 EN 60479-3)
Echtzeit-Energie
L1, L2, L3, N-Echtzeitanalyse
bis 800 Messungen / Sek
Spannungen bis 500 VAC
Strome über 1000 A
Hz / cos phi / Leistungsfaktor
WWh / Blind- / Scheinleistung kW
Energieverbrauch kWh

Alle Messgrößen
U I f / °C / O2 / H2O, mg, kg, m³ ...
dezentrale Analyse, Überwachen, Alarmieren
zentral protokollieren + beobachten

Vorhandene Sensoren direkt einbinden
analoge und digitale Ein- /Ausgänge
elektrisch und Messure frei konfigurieren
Messgrößen einfach über WEB abfragen

Klick-Montage auf Standard-Hutschene
Stromversorgung 230VAC / 24VDC

Integrierte Webserver
Zugriff auf alle Sensoren im Netz

Protokoll auf SD-Karte + FTP-Server
in verschiedenen Datenformaten
bei Grenzen E-Mail + Ausgänge über Netz

S5-PLC over USB



Communication with S5-PLC via USB, just how and with what?

Data-communication with S5-PLC from PC or other devices via USB, which interface is required. Questions you don't have to worry about. With "S5 over USB" you get the right interface-products for your interface of the PLC.

Which one you use then is up to you.