

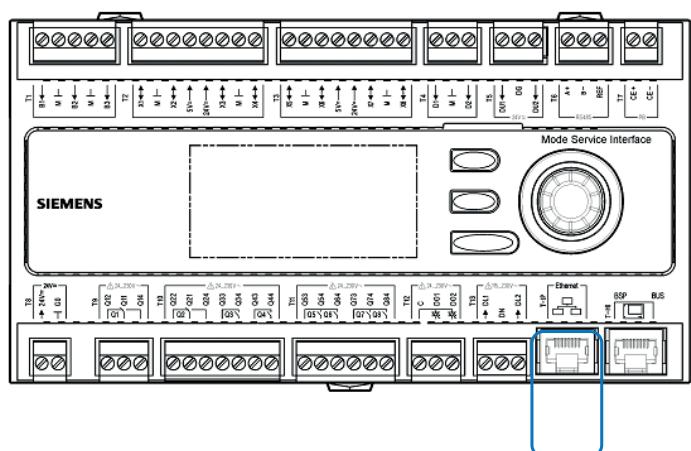


**PREPARATION AND CONNECTION TO THE INTERNET  
SMART BIOMASS BOILERS 150-500 KW**

Operation of an Internet connection is work for IT technician.

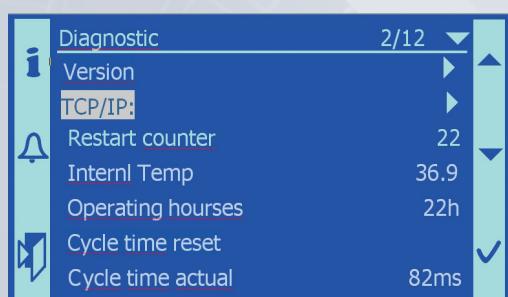
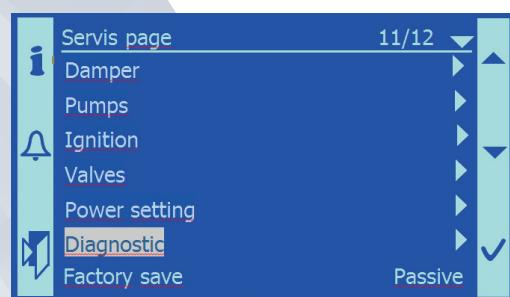
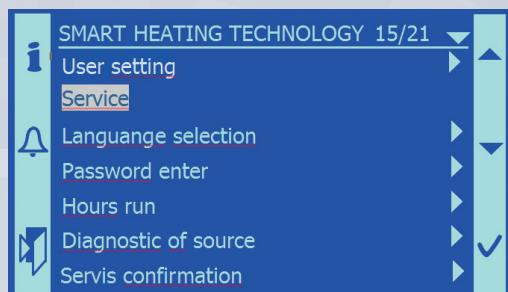
POL 687 is acting as a webserver on port 80.

1. Connect cable to the Ethernet terminals on the POL687. For connection use a standard RJ45 connector.



2. The controller as a standard comes with the assigned IP address of 192.168.1.42 from production. To change the IP address and its settings according to local area networks requirements, perform the following settings.

3. Enter the SERVICE menu (password Level 3) / Diagnostic / TCP\_IP





4. Find out in the item Actual IP, what address the router on the local network provides (eg 10.42.1.89)

sIP-Config	1/19
DHCP	Active
Actual IP	010.042.001.089
Actual Mask	255.255.255.000
Act.Gateway	192.168.001.001
Given IP	192.168.001.042
Given Mask	255.255.255.000
Giv.Gateway	192.168.001.001



010.042.001.089

5. This address rewrite into the Given IP (10.042.1.89)

sIP-Config	1/19
DHCP	Active
Actual IP	010.042.001.089
Actual Mask	255.255.255.000
Act.Gateway	192.168.001.001
Given IP	010.042.001.089
Given Mask	255.255.255.000
Giv.Gateway	192.168.001.001



010.042.001.089

6. Set Given Gateway the scope of (family) provided addresses (10.042.1.1)

sIP-Config	1/19
DHCP	Active
Actual IP	010.042.001.089
Actual Mask	255.255.255.000
Act.Gateway	192.168.001.001
Given IP	010.042.001.089
Given Mask	255.255.255.000
Giv.Gateway	010.042.001.001



7. Set DHCP – passive. By this you will forbid the assigning of dynamic addresses to the boiler control unit

sIP-Config	1/19
DHCP	Passive
Actual IP	010.042.001.089
Actual Mask	255.255.255.000
Act.Gateway	192.168.001.001
Given IP	010.042.001.089
Given Mask	255.255.255.000
Giv.Gateway	010.042.001.001



**SMART CU INTERNET CONNECTION GUIDE**

8. Ensure router settings, so that boiler has reserved its address (10.42.1.89) and it did not assign it to another device
9. Now, the device must be accessible on your local network by entering the address (Actual IP) into the address bar of your Web browser (Mozilla, Seemoney)
10. For access from the external INTERNET network configure the router and its „port forwarding“ so that after entering the address of the router and port 80 (or 8080), there is a connection directly to the address of the Actual IP
11. The change goes into an effect after the device RESET. It is necessary to turn off and turn on the controller! RESET the device.
12. Try the connection of the newly set IP address.

