**System setup**

Take system out of the case and place upright. Connect the power adapter (13) to the wall socket and the cable plug to the power input socket (2). Connect the panel (12) power supply cable to the output socket (3). Connect an Ethernet cable (14) on one side on panel (12) Ethernet socket ETH0 and the other side to the terminal base Ethernet socket (11). After switching on the power switch (1), the system starts loading the PLC and the panel program. The system is now ready to use the demo program.

**Features of demo program**

The demo is ready for use when the CPU display is showing "run" and the panel screen shows "GP600-Pro Demo Project". Touching "Training Case" opens the visualization of the input states of the I/O channels. The input status on the screen changes when potentiometer (4) or switches (5) are operated. The demo program in the PLC reads inputs and copies the input state to outputs. On the I/O modules can be observed that the status LED of outputs are following the input status. Touching the house symbol (upper right corner) closes the demo visualization. The other buttons on the panel screen open demos for features of the panel.

**Restoring demo program**

The training case is delivered with demo program installed. If needed, the demo program can be restored from the SD card. The QR code opens the operation instruction explaining configuration of components and procedure for loading the demo program into PLC and panel.

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**TA515 CASE**

1. 24V DC Power switch
2. 24V DC Power input socket
3. 24V DC Power output socket
4. 2 Potentiometers
5. 8 Switches
6. CPU PM583-ETH
7. Analog/digital I/O module DA501
8. Communication interface module CI502-PNIO
9. Communication module CM579-PNIO
10. PROFINET connection
11. TB521-ETH Ethernet Plug ETH1 for Panel connection
12. Panel with power supply cable
13. Power adapter
14. Ethernet cables and SD card containing demo program

**TA5450 CASE**

1. 24V DC Power switch
2. 24V DC Power input socket
3. 24V DC Power output socket
4. 2 Potentiometers
5. 8 Switches
6. CPU PM5630-2ETH
7. Analog/digital I/O module DA501
8. Communication interface module CI502-PNIO
9. Communication module CM579-PNIO
10. PROFINET connection
11. TB5620-2ETH Ethernet Plug ETH2 for Panel connection
12. Panel with power supply cable
13. Power adapter
14. Ethernet cables and SD card containing demo program