

Module: Intelligent house 4.0

Submodule: Installation and configuration of smart light control

Information:

To implement the customer order, in a first step the control of the floor lamp connected to the socket and the conventionally constructed two-way circuit should be replaced by smart home switches.

In a second step, possibilities of light control by the smart home components which go beyond a simple switching function, should be programmed and documented.

The smart home components required to implement the customer order are offered by a large number of manufacturers. The customer has decided on the basis of its own research as well as positive feedback from friends for the smart home system from Bosch.

For practical implementation, the "Smart wall" is available.

Module 1 contains connection options for controllers, switches, WLAN routers etc. as well as the power supply. The power supply is protected by an RCD and a B10A circuit breaker

Module 2 contains a conventionally constructed two-way circuit.

Tasks:

Your task is to carry out the conversion of the light control in the living room.

1. Start by planning the required workflow and document your workflow.
2. After documenting your planning, please implement the individual work steps and document the work steps performed.

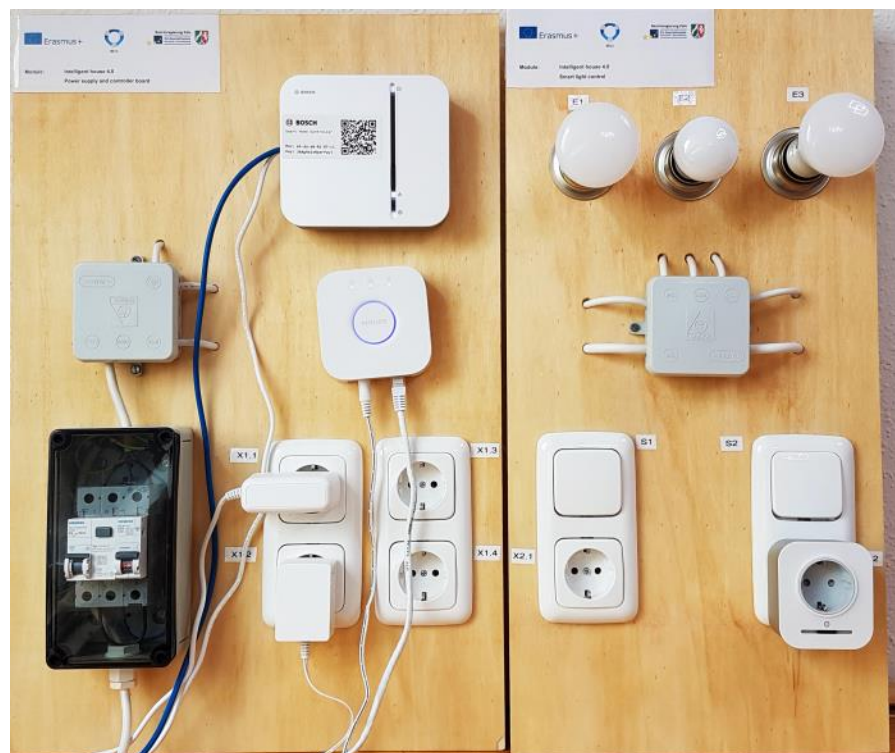


Abb. 1: Smart Wall, Module 1 and 2