

Module: Intelligent house 4.0

Submodul: Installation and configuration of smart light control

Description of the Smart Wall

The practical implementation of the Smart Light Control module takes place on the Smart Wall.

For the Smart Light Control the Smart Wall consists of two submodules:

Module 1 contains connection options for controllers, switches, WLAN routers etc. as well as the power supply. The power supply is single-phase via the connection to a socket. It is protected by a RCD 16 / 40mA and a B10A circuit breaker.

Construction and wiring are shown in the pictures below.



Module 1, Front
With Bosch Smart Home Controller and
Phillips Hue Controller



Module 1, Back



Modul 1e, Circuit Breaker and RCD



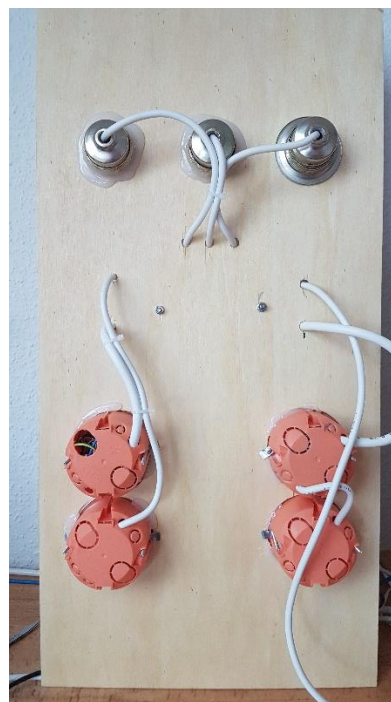
Module 1, Wirering

Module 2 contains a conventionally constructed, functional changeover circuit as well as three E27 sockets for light sources.

The light source E2 is connected via a conventional changeover circuit with the changeover switches S1 and S2. E1 and E3 are used to hold Phillips Hue bulbs and are directly connected to phase L1 without a switch.



Module 2, Front with 2 Phillips Hue Bulbs and smart plug



Module 2, Back