

Module: Intelligent house 4.0

Submodule: Installation and configuration of smart light control

Information for students - Description of the Smart Wall

You could realize the practical implementation of the Submodule “Smart Light Control” with the Smart Wall using module 1 and module 2.

Module 1 contains:

- The smart home controller (e.g. Bosch Smart Home controller)
- A controller for the RGB-LEDs (e.g. Phillips hue bridge)
- Sockets for power supply
- Power connection, protected by a RCD 16/30mA and a B10A circuit breaker



Module 2 contains:

- a conventionally constructed, functional two-way circuit with S1 and S1
- three E27 sockets E1, E2 and E3 for light bulbs
 - E2 is connected via the conventional two-way circuit.
 - E1 and E3 are used to hold Phillips Hue bulbs and are directly connected to 230V AC.
- two sockets for 230V AC power supply (e.g. for a smart plug)

