



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL HS 30. You'll find the answers to all your questions on the HONEYWELL HS 30 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual HONEYWELL HS 30**  
**User guide HONEYWELL HS 30**  
**Operating instructions HONEYWELL HS 30**  
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**Instruction manual HONEYWELL HS 30**

**Honeywell**



## Device Switch

### HS 30

**Mounting**

**HomeTronic H**



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**Manual abstract:**

They are identified in the text by an \*. Application The switch module HS 30 is a component of the Honeywell home automation system. It switches electrical loads\* such as lamps, radios, humidifiers, etc. @@ @@@@The connected loads\* can be operated by the following means: · with the integrated pushbutton · with an installed pushbutton/switch on site · with the Hometronic Manager · with the Hometronic Remote control The switching state (ON/OFF) is indicated by an LED behind the transparent button. 3 Mounting Mounting Danger to life through electric shock! Live electrical contacts lie open while the module is being cabled. Touching a live contact causes critical injuries. All work may only be carried out by authorized technical personnel. De-energize the corresponding fuse during all work on the module\*. The switch module has a radio receiver whose function can be impaired by metallic objects and radio devices. When selecting the operation site ensure that there is sufficient distance to metallic objects such as metal cabinets and doors, concrete ceilings with iron lattices and radio devices such as radio headphones, etc.

Danger! Caution! Laying cables Lengthen the cables so that they protrude at least 10 cm out of the distribution box. 4 Mounting Remove the housing cover from the module. Lever the contact covers out with a screwdriver. Insert all the cables through the openings in the housing bottom. Connecting loads and pushbuttons Both pushbuttons and switches can be connected to the switch module.

Pushbuttons should preferably be used for new installations. Malfunctions due to contact erosion Replace old pushbuttons/switches by new pushbuttons. Only use pushbuttons which are designed for 230 V and conform to the VDE guidelines. 5 Caution! Mounting The following figure shows the circuiting for connecting pushbuttons/ switches and loads. The designations of the connections are also used in the further description of the mounting.

Ta: C: NO: NC: Pushbutton connection Common (relay grouping) Normally Open Normally Closed L: Phase N: Neutral conductor PE: Protected earth conductor The relay contacts (C, NC, NO) are floating contacts. No terminal is planned for the protective earth conductor. 6 Mounting Connect the pushbutton (switch) and the supply voltage to the right-hand terminal block in accordance with the schematic. N L L Ta Loop the PE conductor through the flush-mounted box to the motor. Connect the load to the left- hand terminal block in accordance with the schematic. C C Nc No First fasten the housing bottom temporarily at the intended mounting site so that corrections can be carried out later if required. Switch on the switch module. The LED at the switch module lights up green. 7 Teach-in Teach-in The new Hometronic components first have to be assigned to the Hometronic Manager before they can be taken into operation. This process is called the "Teach-in".

The Hometronic Manager and the new components exchange data during the procedure. Activating the Teach-in mode at the switch module Keep the button at the switch module pressed for 10 seconds. The LED flashes red regularly. The Teach-in mode at the switch module is activated. @ @ @ @ @ @ Press the Dial button. @ @ Press the Dial button. @ @ Change to the "Settings" submenu as described on Page 9. @ @ SHUTTERS Press the Dial button.

@ @ @ @ @ @ Example: Installing device switch HS 30 as a collection relay. Activate Teach-in mode at the HS 30 as described on Page 8.

@ @ Press the Dial button. @ @ @ @ @ @ DEVICES/LIGHT Press the Dial button. @ @ @ @ @ @ The following text is displayed: Press the Dial button. SHUTTERS DEVICES/LIGHT SENSOR BOILER DEMAND SWITCHING MODULE \* ANTI-FREEZING SENSOR The following text is displayed: After the Teach-in has been completed, the switch module is used for the boiler demand. 14 Teach-in Successful Teach-in If Teach-in was successful, the LED at the switch module extinguishes.

Failed Teach-in If the LED at the switch module lights green with short breaks, the Teach-in has failed. Improve the transfer, avoid disturbances or shieldings, for example, by: Wireless headphones, garage door opener, remote controls, metal parts If possible, change the position of the switch module. Repeat the Teach-in (starting from Page 8). 15 Final mounting Final mounting Remove the housing cover again. Clamp the contact covers in the housing bottom.

Screw the housing bottom onto the flush-mounted box or to the wall in accordance with the drilling scheme. 16 Operating Slide the housing cover onto the housing bottom. Ensure that the housing cover latches in. Mounting has been completed. Operating The switch position of the relay output of the HS 30 is operated by means of the built-in buttons or additional connected switches. · LED green: contact C-NO (make contact). · LED off: contact C-NC (break contact). · LED red: communication error between Hometronic Manager and the switch module. 17 Operating Device switch HS 30 as a collection relay of thermostat control A device switch HS 30 can be used (as a collection relay) for feedback of the heat generation with thermostat control. The collection relay switches the boiler on as soon as a relay in a zone under thermostat control is activated.

Device switch HS 30 as collection relay of boiler feedback set HK 10 The Hometronic Manager sends a request signal to the collection relay HS 30 at a set boiler setpoint. The selectable boiler setpoint (18 °C is preset) is specified in the parameter list of the HCM 200. The boiler setpoint is constantly compared with the room setpoint temperatures of the installed zones. @ @ @ @ @ @ All the assigned areas are controlled by means of time programs. Boiler demand Signal that the Hometronic Manager sends to the heating boiler when the setpoint drops below the minimum value. Connected load Intake power of the plugged-in device. Load Device which is connected to the Hometronic component (e.g. coffee machine, lamp, radiator) and which consumes power. Lifestyle A certain combination of setpoints.

Presence simulation The operation course of the last 7 days is repeated. Time program A sequence of setpoint.



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