

Touch_IT SMART

Multifunctional room control unit for the visualization and operation of a wide range of building functions. For use in the KNX system.

Properties as KNX room control device

- Intuitive to use and the user interface customizable by the end user
- Switching, pushing, dimming (relative and absolute), dimming (including dimming RGB, RGBW and Tunable White), Blind and roller shutter control, value transmitter, scene control memory / retrieval and internal scene sequence, telegram logger, diagram display, text display, alarm clock and short-term alarm
- Status display, display of date and time, display of indoor and outdoor temperature
- Telegram logger, telegram display and evaluation as a diagram
- Up to 192 functions (six function pages or rooms with up to 8 elements, each with up to 4 functions)
- Over 320 function icons
- Up to 48 weekly time switches with up to 10 switching times per weekday
- Astro timer with calculation of sunrise and sunset
- Minute minder and alarm clock Features as KNX room control unit

Properties as a KNX room temperature controller (HVAC)

- Use as a room temperature controller in combination with the internal (IR) or optionally available external temperature sensor (1-wire) or KNX devices for room temperature measurement
- Operating modes: comfort, stand-by, night and frost or heat protection, each with their own Temperature setpoints (for heating and / or cooling)
- Operating modes can be individually adapted
- Display of room temperature controller information
- Control parameters for PI controllers and 2-point controllers can be set
- Control functions for 1- and 2-stage heating, cooling, heating / cooling operation with or without fan coil
- Switching between heating / cooling automatically or via object

Properties as a freely programmable logic module

- 30 logic objects DPT's 1.xxx 5.xxx 6.xxx 7.xxx 8.xxx 9.xxx 12.xxx 13.xxx 14.xxx
- Freely programmable via LUA scripts, functions can be called up via control surfaces

Technical specifications

Power supply / consumption

9 .. 32VDC / 1.5W / 10 mA (at 24VDC)

Processor / operating system

200MHz 32-Bit ARM / Linux

Display:

3,5" TFT color display (320x240 RGB) (256k color) touchscreen

KNX Standards:

DPTs values: 1.xxx, 5.xxx, 6.xxx, 7.xxx, 8.xxx, 9.xxx, 12.xxx, 13.xxx, 14.xxx

Degree of protection: IP21

Ambient temperature: 0 °C bis +45 °C

Installation depth: 13 mm

Dimensions in mm: 80.5 x 80.5 x 12

Mounting height: -> 1500 <-

delivery (including necessary accessories) and assembly ready for use.

Brand: Arcus-EDS

Type: Touch_IT-SMART