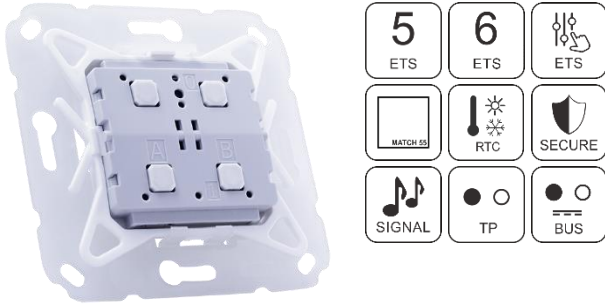


Data sheet

KNX TP Push Button 420.1 *secure*

Push button with room temperature controller

For MATCH 55 series



(Art. # 5492 Push button with mounting kit without rockers)

Application area

The KNX TP Push Button 420.1 *secure* is a push button with integrated bus coupling unit and room temperature controller.

The device is part of the MATCH 55 push button series. It can be combined with one or two rockers and offers four independent button functions. Two or four multicolor LEDs (red, blue and magenta) enable to display different states. A multitone sound generator allows the output of acoustic messages.

The application offers extensive functions for switching, dimming, shutter, valuator, scene and color control as well as a sequence controller. A room temperature controller enables the control of heating and air conditioning systems, including fan stages.

In addition, the device contains 10 independent logic or time functions. The device supports KNX Data Security.

Technical Specification

Electrical safety

- Protection (acc. EN 60529): IP20

CE marking according to

- EMC directive 2014 / 30 / EU
- RoHS directive 2011 / 65 / EU
- EN 63044-3: 2018
- EN 63044-5-1: 2019
- EN 63044-5-2: 2019
- EN 63044-5-3: 2019
- EN 61000-6-2: 2019
- EN 61000-6-3: 2021
- EN 63000: 2018

Environmental requirements

- Ambient temp. operating: - 5 ... + 45 °C
- Ambient temp. non-op.: - 25 ... + 70 °C
- Rel. humidity (non-condensing): 5 ... 93 %

Mechanical data

- Housing: plastic
- Dimensions wall mounting plate: 71 x 71 mm, for flush box 68 mm
- For rockers MATCH 55, can be combined with standard frames with internal dimensions 55 x 55 mm
- Installation depth (Bus terminal): 11 mm
- Weight: approx. 15 g

Controls and indicators

- 4 buttons
- 6 LEDs (multicolor), behind the rocker
- Acoustic sound generator (multitone)
- KNX programming button with LED (red)

Power supply

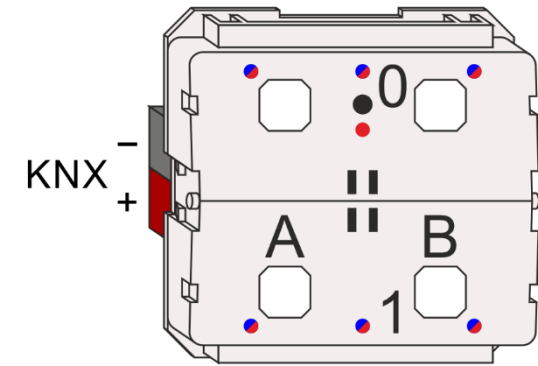
- KNX bus approx. 12 mA (all LEDs on)

Connectors

- Integrated temperature sensor
- Connector for KNX bus (red / black)
- Connector for ext. switches / LEDs (Art. # 5413 Terminal block)

Installation Instructions

- The device may be used for permanent interior installations in dry locations.

**WARNING**

- The device must be mounted and commissioned by an authorized electrician.
- The prevailing safety rules must be heeded.
- The device must not be opened.
- For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.



Product database for ETS5/6
www.weinzierl.de/en/products/420.1/ets6
 Manual
www.weinzierl.de/en/products/420.1/manual
 CE Declaration
www.weinzierl.de/en/products/420.1/ce-declaration
 Decorative frames and rockers
www.weinzierl.de/en/products/match-55

WEINZIERL ENGINEERING GmbH
 Achatz 3-4
 84508 Burgkirchen an der Alz
 GERMANY

Tel.: +49 8677 / 916 36 – 0
 E-Mail: info@weinzierl.de
 Web: www.weinzierl.de