



75665770



## Push-button 5gang with room thermostat, display, K.1

### Technical properties

#### Functions

|                                  |  |
|----------------------------------|--|
| With room temperature controller | Yes  |
| Function                         | with valve protection function ; for switch, push-button, dimmer, blind and thermostat functions |
| Timers                           | with room temperature timer  |
| Operating mode                   | controller operating modes: comfort, standby, night and frost/heat protection mode               |

#### Compatibility

|                |  |
|----------------|--|
| Extension unit | extension unit for light scene push-button |
|----------------|--|

#### Controls and indicators

|                      |   |
|----------------------|---|
| With LED indication  | Yes   |
| Dimming              | area dimming  |
| Number of buttons    | 5   |
| Operation            | blind operating concepts short-long-short and long-short parameterisable ; one push-button operation for switching, pushing, shutters and dimming |
| Indication / display | display of operating mode, controller lockout, room/outside temperature, time (clock required) ; LC display with symbol display                   |
| Button / push-button | with 2 additional display buttons   |

#### Connectivity

|          |                               |
|----------|-------------------------------|
| Encoding | with button blocking function |
|----------|-------------------------------|

#### Dimensions

|                                |                |
|--------------------------------|----------------|
| Labelling field length (W x H) | 66.8 x 15.7 mm |
| Height                         | 111 mm         |
| Width                          | 70.9 mm        |

#### Measurement

|                   |   |
|-------------------|---|
| Value transmitter | value transmitter for dimming, position, brightness and temperature values 1 and 2 byte |
|-------------------|---|

#### Screen

|              |     |
|--------------|-----|
| With display | Yes |
|--------------|-----|

#### Materials

|                       |                       |
|-----------------------|-----------------------|
| Colour of labelling   | 105,105,105           |
| Colour of design line | polar white           |
| RAL colour            | RAL 9010 - Pure white |
| Material for printing | Paper                 |

|  |  |
|--|--|
| Surface appearance                       | glossy   |
| Type of surface treatment                | untreated  |
| <b>LED control</b>                       |  |
| LED                                      | with white operation LED and 10 red status LEDs  |
| <b>Connection</b>                        |  |
| Bus coupling unit                        | for bus coupling unit flush-mounted  |
| <b>Settings</b>                          |  |
| Parameterisation                         | end customer display scope parameterisable ; presence button parameterisable to extend comfort ; single and two push-button operation parameterisable                                |
| Programming                              | programmable from ETS2, V1.2a  |
| <b>Scope of delivery</b>                 |  |
| Bus connection included                  | No   |
| <b>Equipment</b>                         |  |
| Number of actuation points               | 12   |
| With anti-theft/dismantling protection   | Yes  |
| Type of configuration                    | Beschriftungsfeld(er) - Folie  |
| Product type:                            | product type: push-button 5gang  |
| Heating                                  | for heating and/or cooling mode with/without auxiliary step  |
| Control                                  | for individual single room temperature control ; control parameter for heating / cooling unit pre-set ; for continuous (PI) or switched (2-point) control of max. 2 control circuits |
| <b>Use</b>                               |  |
| Differentiation characteristic 1 - Sales | Labelling fields   |
| Differentiation characteristic 2 - Sales | Display  |
| <b>Software</b>                          |  |
| Update                                   | with flash-controller technology   |
| <b>Safety</b>                            |  |
| REACH conform                            | Yes  |
| RoHS conform                             | Yes  |
| Halogen free                             | No   |
| Protection                               | with dismantling protection  |
| Alarm                                    | alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte  |
| <b>Use conditions</b>                    |  |
| Operating temperature                    | -5...45 °C   |
| Temperature                              | temperature measurement via internal and/or external sensor with mean value formation  |
| Energy efficiency class                  | IV (2%)  |
| <b>Identification</b>                    |  |
| Application, usage                       | KNX - operating systems  |

|                          |  |
|--------------------------|--|
| Product family           | product family: push-button                                  |
| Main design line         | KNX - Berker K.1/K.5   |
| Secondary design line(s) | KNX ; Berker K.1   |
| <b>Instructions</b>      |  |
| Special note text        | Use only in combination with frame frame with large cut-out. |