

# Product data sheet

## Universal automatic switch 2.2 m



### Reference number

CD 3281-1 SW

### KNX automatic switch 2.2 m

#### Universal

for bus coupling unit 3 ref.-no.: 2073 U

Protection level IP 44 is ensured with sealing kit ref.-no. AS CD 50 DS and "IP 44 frame" of the respective design range.

**IP 44 suitable for indoor and outdoor installation**

ETS product family: Physical sensors

Product type: Movement

#### Intended use

- Requirement-oriented control of lighting and other electrical loads
- Mounting on bus coupling unit 3 (ref.-no.: 2073 U)

#### Product characteristics

- Automatic switching of lighting depending on the thermal movement and ambient brightness
- 2 PIR sensors
- Detection range 180°
- Integrated brightness sensor
- Switch-off brightness can be set
- Output functions: Switching, staircase function, switching with forced position, value transmitter, light scene extension, operating mode setting for room temperature controller
- Extension of the detection area by way of operating several devices as main unit or extension unit
- Sensitivity can be set manually
- Status LEDs
- Manual switching on the device

#### Additional characteristics of "Universal" version:

- Manual operation with IR remote control possible (ref.-no.: KNX PM FB IR)
- Up to half of the detection area can be screened off (parameter setting)
- 5 function blocks for motion detection each with 2 outputs
- Function blocks switchable, e.g. for day/night operation
- Brightness sensor function with 3 limiting values
- Alarm message in case the device is removed from the bus coupling unit
- Temperature measurement

#### Technical data

|                                |                                |
|--------------------------------|--------------------------------|
| Current consumption KNX:       | 3 ... 10 mA                    |
| Ambient temperature:           | -25 ... +55 °C                 |
| Storage/transport temperature: | -25 ... +70 °C                 |
| Relative humidity:             | 10 ... 100 % (no condensation) |
| Protection class:              | III                            |
| Mounting height:               | 1.10 / 2.20 m                  |
| Detection angle:               | 180°                           |
| Brightness sensor              |                                |

|                    |                        |
|--------------------|------------------------|
| Measuring range:   | approx. 1 ... 1,000 lx |
| Temperature sensor |                        |
| Measuring range:   | approx. -20 ... +55 °C |
| Accuracy:          | ± 1 K                  |

**Thermoplastic (breakproof) high-gloss**

**Colour:**  
black

**Material:**  
thermoplastic

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