

# Product data sheet

## Universal automatic switch 1.1 m



### Reference number

AL 3181-1 AN

### KNX automatic switch 1.1 m

#### Universal

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

ETS product family: Physical sensors

Product type: Movement

#### Intended use

- Requirement-oriented control of lighting and other electrical loads in interiors
- 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
- Up to half of the detection area can be screened off (cover or parameter setting)

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

- Manual operation with IR remote control possible (ref.-no.: KNX PM FB IR)
- 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:         | -5 ... +45 °C                  |
| Stora/transport temperature: | -25 ... +70 °C                 |
| Relative humidity:           | 10 ... 100 % (no condensation) |
| Protection class:            | III                            |
| Mounting height:             | 1.10 m                         |
| Detection angle:             | 180°                           |
| Brightness sensor            |                                |
| Measuring range:             | approx. 1 ... 1,000 lx         |
| Temperature sensor           |                                |
| Measuring range:             | -5 ... +45 °C                  |

Accuracy:  $\pm 1\text{ K}$

metal colours (thermoplastic lacquered)

Colour:  
anthracite

Material:  
thermoplastic lacquered