

Product data sheet

Universal automatic switch 1.1 m



Reference number

ES 3181-1

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 interior rooms
- 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
Storage/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 versions

Colour:
stainless steel (lacquered)

Material:
thermoplastic lacquered