Presence Detector [SCN-x360xx.03]

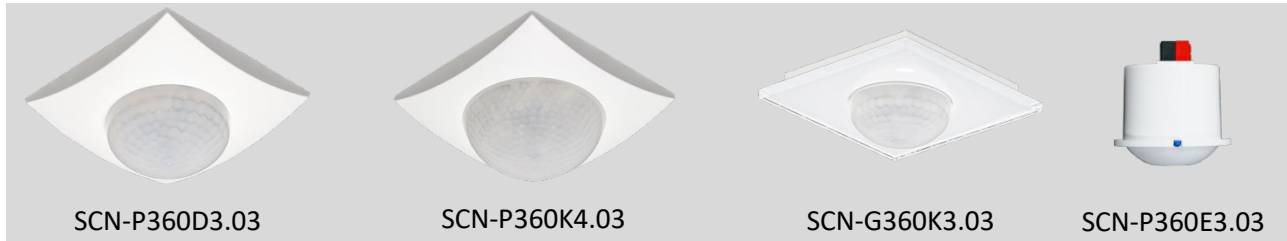| SCN-P360D3.03 | SCN-P360K4.03 | SCN-G360K3.03 | SCN-P360E3.03 |

Plastic or glass finish, surface-mounted or recessed, with three or four sensors, with or without temperature sensor. MDT Presence Detectors are available in different versions for different requirements. Furthermore, the models with integrated constant light controller, for example in combination with a MDT Dimming Actuator, ensure the right brightness in the room at any time.

Light channels

Depending on the number of sensors, 3 or 4 independent light channels can be configured. Each channel is parameterised separately to obtain completely independent outputs. For example, the follow-up times for day and night, the trigger and presence sensitivity as well as the lock and unlock behaviour can be set individually.

HVAC channel

In contrast to the light channels, the separate HVAC channel (heating, ventilation, air conditioning) has adjustable time slots for monitoring presence in the room, for example, to realise a needs-based ventilation control.

Alarm channel

The alarm channel has a separate sensitivity setting and is used to detect motions in case of absence. Monitoring can be activated by object.

Fully automatic, half automatic, manual mode

Parameterised as "fully automatic", the Presence Detector switches on when a motion is detected and switches off again after the end of the presence and set follow-up time. In the "half automatic" operating mode, the light must be switched on manually via an object and the Presence Detector switches off automatically after the end of the presence and the follow-up time. Regardless of the operating mode, manual operation is possible at any time via the objects "External push button short" and "External push button long".

Integrated white LED night light

The integrated white LED night light can be switched automatically via the day/night object, at night when a defined light channel detects motion or via an external object.

Separate output objects for day/night

The Presence Detectors offer the possibility to use separate output objects for day and night operation. Depending on the day/night object, a distinction can be made, for example, between main light and orientation light at night.

Constant light control (SCN-x360Kx.03)

The Presence Detectors with constant light control are able to dim up to 3 light groups. External influences such as sunlight or other light sources can thus be counteracted. The brightness in the room remains constant and the function helps to save energy.

Temperature sensor (SCN-G360x3.03 and SCN-P360E3.03)

When the temperature sensor is activated, the room temperature can be sent to the bus and, for example, used for heating control. The transmission behaviour of the measured value and a correction value can be parameterised.

Brightness sensor

With the integrated brightness sensor, different switch-on thresholds can be parameterised for day and night.

Scenes

A total of 8 scenes are available to the Presence Detectors. Each scene can be assigned different functions for different light channels. For example, a single scene can be used to lock light channel 1, unlock light channel 2 and set light channel 3 to manual mode.

Logic

Four logics can be activated with the functions AND, OR and XOR. Each logic can be linked with up to two internal and up to four external logic objects. Switching commands, scenes, values or 2-bit forced guidance objects can be sent as output.

Updateable via DCA App

If necessary, the Presence Detector can be updated via the MDT Update Tool (DCA). The download is available free of charge at www.mdt.de and www.knx.org.

Long Frame Support

The MDT Presence Detector supports "long frames" (longer telegrams). These contain more user data per telegram, which significantly reduces the programming time of the actuators with the ETS.