

PD-C 180i/16 Touch KNX

Item number EP10460104

The Compact presence and motion detectors have successfully built themselves a reputation among our range of sensors as traditional favourites and true all-rounders. Their robust design and high level of performance are just as impressive as their huge versatility in terms of applications: Whether ceiling or wall detector, whether 230 V, KNX or DALI, whether switching, dimming or HVAC, they ensure a perfect combination of convenience and energy efficiency at all times — and offer an innovative solution with touch-sensitive lens surfaces thanks to the touch detectors.

TECHNICAL DATA

GENERAL

Special product features	microphone, Lens lighting, choice of 7 colours
Special product features	Twilight switch (1 item) , Motion direction detection (2 item) , Brightness detection via the object , Light-dependent motion detection
Conformity	CE , RoHS , WEEE

MOUNTING

Installation type	Recessed mounting
Mounting location	Wall
Installation dimension	Installation length 53 mm x Installation width 53 mm x Installation depth 25 mm, Ø 53 mm
Terminal	WAGO

HOUSING

Dimensions	Length 70 mm x Width 70 mm x Height/Depth 30 mm
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HOUSING

Housing material	UV-stabilised polycarbonate
Protection type	IP 40, IP 44 depending on cover (order separately)
Permissible ambient temperature	5 °C...+50 °C
Relative humidity	5 - 93 %, non-condensing
Colour	white, similar to RAL 9010
Weight	51 g

ELECTRICAL VERSION

Protection class	III
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SENSORS

Power consumption	0.2 W
Power consumption	6 mA
Detection angle	180° horizontal, 60° vertical
Detection range diagonally	16 m
Recommended installation height	1.1 m
Max. mounting height	2.2 m
Light measurement	mixed light
Level of brightness	approx. 5 - 2,000 lux

SENSORS

Slave input	Yes, unit can be configured as a master or slave device
Fully automatic	yes
Semi-automatic	yes
Constant lighting control	1

CONTROL

Switch-on delay channel 3	disabled/2 min - 30 min
Time setting channel 3	disabled/10 sec./1 min.-60 min.
Channel 1	Lighting
Interface	Switching/Dimming
Contact	Bus system
Switch-off delay time	disabled/30 seconds to 30 min
Orientation light	disabled/0 - 50 %, 2 values can be selected
Switch-off delay time, orientation light	only in controlling modus: continuous lighting/1 min - 250 min
Turn-on delay	disabled/2 min - 30 min
Switch-off delay channel 2	10 sec.–1 hour
Bus voltage	29-31 V = (KNX)
KNX input	manual light control, block objects, slave
KNX output	presence, status, light value, HVAC

CONTROL

Master/slave function	1
Constant lighting control	1
Presence simulation	1
Manual override	yes
Night-light feature	yes
Light channel	c1 + c2 switching/dimming, c2 offset from c1 (-50 % to +50 %)

ACCESSORIES



ESY-Pen

Item number EP10425356



Cover IP 20

Item number EM10055102



Cover IP 20

Item number EM10055119



Cover IP 20

Item number EM10055126



Cover IP 20

Item number EM10055133
