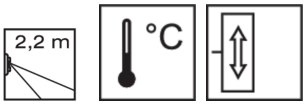
WXT505



Movement detector 180°, KNX, module, 2,20m

Technical properties

Architecture

Fixing mode	flush-mounting

Functions

Max. temporisation	30 mn
Easy link functions	push-button functions: including switching, dimming, roller shutter/blind, timer, priority, operating mode changeover, Motion detector functions: switching, dimming,roller shutter/blind, timer, additional channel for independent of brightness detector mode
Function	Presence simulation, with party function
Function	integrated button for manual control of bus functions can be configured, Push-button functions for switching, dimming, blind, value transmitter, scene, priority, Specification of the controller operating mode, integrated temperature sensor with output of the measured values via object, parameter defineable lock function
Slide switch	with slide switch for OFF/automatic/ON
Operating mode	with 3 operating modes: automatic/permanent ON/permanent OFF

Configuration

Channels	two function channels for brightness-dependent functions, additional channel for independent of brightness detector mode

Controls and indicators

Push-buttons	with button for automatic/permanent ON/permanent OFF

Voltage

Operating voltage over bus	21…32 V DC

Electric current

Bus current consumption (data transfer)	10 mA

Dimensions

Optimum mounting height	2.2 m

Measurement

Detection field, rectangular shaped	≈ 8 x 12 m

Reach distance

Max. transmission range frontally	8 m
Max. transmission range sideways	6 m

Detection

Detection angle vertical	0 / 7 °
Detection angle, settable	each side ≈ 45...90 °
Detection angle horizontal	90 / 180 °
Sensor type	detector of movement

Materials

Material	thermoplastic
Surface appearance	matt

Lighting control

Response brightness, adjustable	≈ 5...1000 lx , daytime operation

LED control

LED	Operating mode display via status LED, red/green/orange

Incandescent bulbs control

Max. power with incandescent lamps	0 W

Installation, mounting

Installation mode	with spreader claws, with dismantling protection

Connection

Bus coupling unit	with integral bus coupling unit
Bus connection	bus connection via connecting terminal

Settings

Supported configuration modes	system, easy
Min. temporisation	10 s
Delay time, adjustable	10 s...30 mn

Use

Differentiation characteristic 2 - Sales	with integrated temperature sensor
Differentiation characteristic 3 - Sales	with integral bus coupling unit

Safety

REACH conform	No
RoHS conform	Yes
Halogen free	No

Use conditions

Operating temperature	-5…45 °C
Storage/transport temperature	-20...70 °C

Identification

Application, usage	KNX - sensors
Main design line	KNX

Instructions

Information text	Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the motion detector. Only suitable for indoor areas!