IR Quattro HD-2 24m

COM2 - Surface wiring EAN 4007841 064341 Article number 064341

























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Function description

Designed for the finest detection in the largest detection area among our infrared presence detectors. Ideal for open-plan offices or classrooms. Infrared presence detector IR Quattro HD-2 with 360° detection capability and 5,200 switching zones. Wireless setting, adjustment and interconnection via Bluetooth. Pyro sensor individually controllable. For installation in ceilings (COM1, KNX V3.5) as well as for concealed and surface mounting (COM1, COM2, DALI-2 IPD, KNX V3.5, IP und BT IPD). Measured variables: Presence function and light level as well as temperature and humidity on the basis of IP, KNX and DALI-2 IPD. Max. mounting height 10 m. Reach: 81 m2 (radial), 576 m2 (tangential).

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Technical specifications

Settings via Connect Bluetooth Mesh, App, Potentiometers, Smartphone With remote control No Version COM2 - Surface wiring PU1, EAN 4007841064341 Type Presence detector Application, place Indoors lecture hall, classroom, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, recreation room, changing room, recreation room, changing room, reception / lobby, sports hall, multistorey / underground car park, dining hall / staff restaurant, Indoors Colour white Colour, RAL 9003 Includes corner wall mount No Installation site ceiling Installation Surface wiring, Ceiling IP-rating IP-4 Ambient temperature -20 - 50 °C Material Plastic Mains power supply 220 - 240 V / 50 - 60 Hz Switching output 1, resistive 2000 W Switching output 1, number of LEDs / fluorescent lamps Switching output 2, resistive 230 W Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast 1500 W Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel- 1000 VA	Dimensions (L x W x H)	64 x 123 x 123 mm
Potentiometers, Smartphone With remote control Worsion COM2 - Surface wiring PU1, EAN 4007841064341 Type Presence detector Application, place Indoors Iecture hall, classroom, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, reception / lobby, sports hall, multistorey / underground car park, dining hall / staff restaurant, Indoors Colour Colour, RAL 9003 Includes corner wall mount No Installation site ceiling IP-rating IP-rating IP-4 Ambient temperature -20 - 50 °C Material Plastic Mains power supply 220 - 240 V / 50 - 60 Hz Switching output 1, resistive Switching output 1, number of LEDs / fluorescent lamps Switching output 2, resistive 230 W Switching output 2, resistive Switching output 2, floating Yes Fluorescent lamps, electronic ballast 1500 W Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel- 1000 VA Fluorescent lamps, parallel-	Manufacturer's Warranty	5 years
Version COM2 - Surface wiring PU1, EAN 4007841064341 Type Presence detector Application, place Indoors Application, room lecture hall, classroom, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, reception / lobby, sports hall, multistorey / underground car park, dining hall / staff restaurant, Indoors Colour white Colour, RAL 9003 Includes corner wall mount No Installation site ceiling Installation Surface wiring, Ceiling IP-rating IP54 Ambient temperature -20 - 50 °C Material Plastic Mains power supply 220 - 240 V / 50 - 60 Hz Switching output 1, resistive 2000 W Switching output 1, number of LEDs / fluorescent lamps Switching output 2, resistive 230 W Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast 1500 W Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel- 1000 VA Fluorescent lamps, parallel-	Settings via	
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Application, place lecture hall, classroom, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, reception / lobby, sports hall, multistorey / underground car park, dining hall / staff restaurant, Indoors Colour	PU1, EAN	4007841064341
lecture hall, classroom, open-plan office, high-bay warehouse, production facilities, conference room / meeting room, duty room, recreation room, changing room, recreation room, changing room, reception / lobby, sports hall, multistorey / underground car park, dining hall / staff restaurant, Indoors Colour white Colour, RAL 9003 Includes corner wall mount No Installation site ceiling IP-rating IP54 Ambient temperature -20 - 50 °C Material Plastic Mains power supply 220 - 240 V / 50 - 60 Hz Switching output 1, resistive 2000 W Switching output 1, number of LEDs / fluorescent lamps Switching output 2, resistive 230 W Switching output 2, resistive 230 W Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast1500 W Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Туре	Presence detector
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Includes corner wall mount Installation site Installation Installation Surface wiring, Ceiling IP-rating IP54 Ambient temperature -20 - 50 °C Material Plastic Mains power supply 220 - 240 V / 50 - 60 Hz Switching output 1, resistive 2000 W Switching output 1, number of LEDs / fluorescent lamps Switching output 2, resistive 230 W Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast1500 W Fluorescent lamps, series-corrected 1000 VA Fluorescent lamps, series-corrected 1000 VA	Colour	white
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Ambient temperature -20 - 50 °C Material Plastic Mains power supply 220 - 240 V / 50 - 60 Hz Switching output 1, resistive 2000 W Switching output 1, number of LEDs / fluorescent lamps Switching output 1, floating No Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast 1500 W Fluorescent lamps, series-corrected 1000 VA Fluorescent lamps, parallel- 1000 VA	Installation	Surface wiring, Ceiling
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Mains power supply 220 – 240 V / 50 – 60 Hz Switching output 1, resistive 2000 W Switching output 1, number of LEDs / fluorescent lamps Switching output 1, floating No Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast 1500 W Fluorescent lamps, uncorrected 1000 VA Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Ambient temperature	-20 – 50 °C
Switching output 1, resistive 2000 W Switching output 1, number of LEDs / fluorescent lamps 8 pcs. Switching output 1, floating No Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast1500 W Fluorescent lamps, uncorrected 1000 VA Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Material	Plastic
Switching output 1, number of LEDs / fluorescent lamps Switching output 1, floating Switching output 2, resistive Switching output 2, floating Yes Fluorescent lamps, electronic ballast1500 W Fluorescent lamps, uncorrected 1000 VA Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Mains power supply	220 – 240 V / 50 – 60 Hz
LEDs / fluorescent lamps Switching output 1, floating No Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast 1500 W Fluorescent lamps, uncorrected 1000 VA Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Switching output 1, resistive	2000 W
Switching output 2, resistive 230 W Switching output 2, floating Yes Fluorescent lamps, electronic ballast1500 W Fluorescent lamps, uncorrected 1000 VA Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Switching output 1, number of LEDs / fluorescent lamps	8 pcs.
Switching output 2, floating Yes Fluorescent lamps, electronic ballast1500 W Fluorescent lamps, uncorrected 1000 VA Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Switching output 1, floating	No
Fluorescent lamps, electronic ballast1500 W Fluorescent lamps, uncorrected 1000 VA Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Switching output 2, resistive	230 W
Fluorescent lamps, uncorrected 1000 VA Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Switching output 2, floating	Yes
Fluorescent lamps, series-corrected 400 VA Fluorescent lamps, parallel-	Fluorescent lamps, electronic ballas	st1500 W
Fluorescent lamps, parallel-	Fluorescent lamps, uncorrected	1000 VA
΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄	Fluorescent lamps, series-corrected	1 400 VA
	Fluorescent lamps, parallel- corrected	1000 VA

Switching output 1, low-voltage halogen lamps	2000 VA
LED lamps < 2 W	100 W
LED lamps > 2 W < 8 W	300 W
LED lamps > 8 W	600 W
Capacitive load in μF	176 μF
Power consumption	0,3 W
Technology, sensors	Light sensor, passive infrared
Mounting height	2,50 – 10,00 m
Mounting height max.	10,00 m
Optimum mounting height	2,8 m
Detection angle	360 °
Sneak-by guard	Yes
Capability of masking out individual segments	Yes
Electronic scalability	Yes
Mechanical scalability	Yes
Reach, radial	9 x 9 m (81 m ²)
Reach, tangential	24 x 24 m (576 m ²)
Reach, presence	9 x 9 m (81 m ²)
Functions	Group parameterisation, Semi-/fully automatic, Lighting scenario, Manual ON / ON-OFF, Neighbouring group function, Normal / test mode
Twilight setting	2 – 2000 lx
Time setting	5 s - 60 Min.
Basic light level function	No
Main light adjustable	No
Twilight setting TEACH	Yes
Constant-lighting control	No
Interconnection	Yes
Interconnection via	Bluetooth Mesh Connect

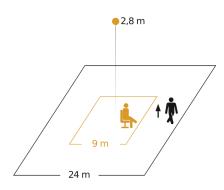
Subject to technical modifications

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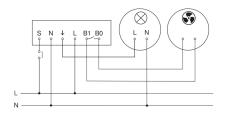
Detection Zone



Possible mounting height: 2,50 m - 10,00 m

Orange: presence Black: tangential

Master circuit diagram



Dimension Drawing

