| Article number | Specifications Text |
|---|---|
| 100-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), cream.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Colour: cream (coloured in mass, approximately NCS S 1005 - Y10R, RAL 1013)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |
| 100-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, cream.<br><br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Colour: cream (coloured in mass, approximately NCS S 1005 - Y10R, RAL 1013)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |

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| Article number | Specifications Text |
|---|---|
| 100-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, cream.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: cream (coloured in mass, approximately NCS S 1005 - Y10R, RAL 1013)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosɸ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosɸ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |
| 101-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), white.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Colour: white (coloured in mass, approximately NCS S 0502 - Y50R, RAL 9010)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 101-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, white.<br><br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Colour: white (coloured in mass, approximately NCS S 0502 - Y50R, RAL 9010)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |
| 101-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, white.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: white high gloss (coloured in mass, approximately NCS S 0500-N Glossy, RAL 9003)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |

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| Article number | Specifications Text |
|---|---|
| 102-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), light grey.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Colour: light grey (coloured in mass, approximately NCS S 1002 - Y, RAL 080 80 05)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |
| 102-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, light grey.<br><br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Colour: light grey (coloured in mass, approximately NCS S 1002 - Y, RAL 080 80 05)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 102-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, light grey.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: light grey (coloured in mass, approximately NCS S 1002 - Y, RAL 080 80 05)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is made of rigid PC and ASA. The base material is coloured in mass.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |
| 121-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), sterling coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled sterling (approximately NCS S 4000 - N, RAL 9007)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 121-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, sterling coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled sterling (approximately NCS S 4000 - N, RAL 9007)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |
| 121-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, sterling coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: enamelled sterling (approximately NCS S 4000 - N, RAL 9007)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 122-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), anthracite coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled anthracite (approximately NCS S 7502 - R, RAL 7022)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |
| 122-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, anthracite coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled anthracite (approximately NCS S 7502 - R, RAL 7022)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 122-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, anthracite coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: enamelled anthracite (approximately NCS S 7502 - R, RAL 7022)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |
| 123-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), bronze coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled bronze (approximately NCS S 5005 - Y20R, RAL 080 50 05)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 123-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, bronze coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |
| 123-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, bronze coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: enamelled bronze (approximately NCS S 5005 - Y20R, RAL 080 50 05)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cos$\phi$ = 1): 2300 W<br>• Maximum load fluorescent lamps (cos$\phi \geq$ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 124-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), dark brown coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled dark brown (approximately NCS S 8505 - Y20R, RAL 060 30 05)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |
| 124-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, dark brown coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 124-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, dark brown coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: enamelled dark brown (approximately NCS S 8505 - Y20R, RAL 060 30 05)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |
| 154-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), white coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled white (approximately NCS S 1002 - B50G, RAL 000 90 00)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 154-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, white coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled white (approximately NCS S 1002 - B50G, RAL 000 90 00)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |
| 154-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, white coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: enamelled white (approximately NCS S 1002 - B50G, RAL 000 90 00)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cos$\phi$ = 1): 2300 W<br>• Maximum load fluorescent lamps (cos$\phi \geq$ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 157-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), champagne coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled champagne (approximately NCS S 4005 - Y20R, RAL 080 70 10)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |
| 157-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, champagne coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled champagne (approximately NCS S 4005 - Y20R, RAL 080 70 10)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 157-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, champagne coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: enamelled champagne (approximately NCS S 4005 - Y20R, RAL 080 70 10)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |
| 161-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), black coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: black coated (approximately NCS S 9000 N, RAL 9004)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 161-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, black coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: black coated (approximately NCS S 9000 N, RAL 9004)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |
| 161-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, black coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: black coated (approximately NCS S 9000 N, RAL 9004)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 200-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), piano black coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled Bakelite®-look piano black (approximately NCS S 9000 N, RAL 9005). Bakelite® is a registered trademark of Hexion GmbH<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |
| 200-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, piano black coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled Bakelite®-look piano black (approximately NCS S 9000 N, RAL 9005). Bakelite® is a registered trademark of Hexion GmbH<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 200-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, piano black coated. |

• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.
• Colour: enamelled Bakelite®-look piano black (approximately NCS S 9000 N, RAL 9005). Bakelite® is a registered trademark of Hexion GmbH
• Connection terminals: 4 connection terminals
• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W
• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1380 VA
• Maximum load low voltage halogen lamps: 2300 W
• Maximum MCB rating: 10 A (limited by national installation rules)
• Light intensity range: 10 lux – 1000 lux
• Ambient temperature: -5 – +45 °C
• Mounting height: 0.8 – 1.2 m
• Switch-off delay: 1 min – 30 min
• Detection range (PIR): 8 m from a height of 1 m
• Detection angle horizontal: 180°
• Detection angle vertical: 60°
• Material central plate: The central plate is enamelled and made of rigid PC and ASA.
• Flush-mounting frame
– 1 mm-thick metal
– galvanized on all sides after cutting, even on the cut edges
– with 4 grooves with screw hole of 7 mm
– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels
• Fixing method
– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces
– depth of engagement of claws: 31 mm
– claws turn back completely when loosened
• Centre-to-centre distance
– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame
– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically
– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.
– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides

– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base

• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.
• Wire connection
– the sockets are equipped with screw terminals for clamping the wires.
• Wire capacity
– up to 2.5 mm² wire per terminal
• Input voltage: 230 Vac ± 10 %, 50 Hz
• An external push button or switch can be connected to the device.
• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.
• Protection degree: IP20
• Protection degree: IP40 for the combination of a mechanism and faceplate
• Dimensions (HxWxD): 71 x 73 mm
• Marking: CE

| Article number | Specifications Text |
|---|---|
| 220-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), blue grey coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled blue grey (approximately NCS S 8005 - R80B, RAL 240 30 05)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Protection degree: IP20<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |
| 220-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, blue grey coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled blue grey (approximately NCS S 8005 - R80B, RAL 240 30 05)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 220-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, blue grey coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: enamelled blue grey (approximately NCS S 8005 - R80B, RAL 240 30 05)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |
| 221-00060 | Double key, for wireless dimmer switch (Hue®, Bluetooth®, EnOcean®, KNX®), gold coated.<br>• Number of control buttons: 2 control buttons<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled gold (approximately NCS S 3020 - Y, RAL 1000)<br>• Dismantling: To dismount simply pull the central plate off the mechanism.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Dimensions of finishing: 45 x 45 mm (HxW)<br>• Dimensions (HxWxD): 44.5 x 44.5 x 8.6 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 221-55511 | Finishing set for wall motion detector 180°, 9 m, Niko Home Control, gold coated.<br><br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Colour: enamelled gold (approximately NCS S 3020 - Y, RAL 1000)<br>• Fire safety<br>– the plastic parts of the central plate are self-extinguishing (comply with a filament test of 650 °C)<br>– the plastic parts of the central plate are halogen-free<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Dismantling: To dismount simply pull the central plate off the base.<br>• Impact resistance: After mounting, an impact-resistance of IK06 is guaranteed.<br>• Dimensions (HxWxD): 44.7 x 44.7 x 36.4 mm<br>• Marking: CE |
| 221-78010 | Motion detector, 230 V, 8 m, 180°, wall detector, for flush-mounting box, gold coated.<br><br>• Function: The motion detector has a detection angle of 180° horizontally, and 60° vertically within which all motion is detected. When a motion is detected, pre-selected lights are activated.<br>• Colour: enamelled gold (approximately NCS S 3020 - Y, RAL 1000)<br>• Connection terminals: 4 connection terminals<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1380 VA<br>• Maximum load low voltage halogen lamps: 2300 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Light intensity range: 10 lux – 1000 lux<br>• Ambient temperature: -5 – +45 °C<br>• Mounting height: 0.8 – 1.2 m<br>• Switch-off delay: 1 min – 30 min<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Material central plate: The central plate is enamelled and made of rigid PC and ASA.<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– up to 2.5 mm² wire per terminal<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• An external push button or switch can be connected to the device.<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 310-02200 | DALI-2 push-button interface with four potential-free inputs.<br>• Configuration: DALI, DALI-2, Multimaster<br>• Number of DALI-2 adresses: 1<br>• Minimal control pulse length: 40 ms<br>• Maximum wire length: 50 cm<br>• Input voltage: via the DALI bus<br>• Nominal current consumption (12 V, 25°C): 1.7 mA<br>• Ambient temperature: -20 – +75 °C<br>• Mounting method: flush-mounting box (behind the switch)<br>• Usage: for indoor use only<br>• Stripping length<br>– 8.5 – 9.5 mm stripping length<br>• Dimensions (HxWxD): 40.7 x 28 x 14.2 mm<br>• Modification of settings: Niko detector tool app (in combination with Niko DALI-2 detectors), BMS software (in combination with Niko DALI-2 BMS detectors) or manually (in stand-alone mode)<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Marking: CE |
| 310-02310 | DALI-2 relay module for flush mounting.<br>• Configuration: DALI, DALI-2<br>• Maximum switching current, cosϕ = 0.6: 4 A<br>• Maximum switching frequency: 1 Hz<br>• Input voltage: via the DALI bus<br>• Nominal current consumption (12 V, 25°C): 2.7 mA<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Ambient temperature: -20 – +60 °C<br>• Mounting method: flush-mounting box (behind the switch)<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 4 A), potential-free<br>• Stripping length<br>– 8.5 – 9.5 mm stripping length<br>• Dimensions (HxWxD): 32.5 x 15 x 58.5 mm<br>• Modification of settings: Niko detector tool app (in combination with Niko DALI-2 detectors), BMS software (in combination with Niko DALI-2 BMS detectors) or manually (in stand-alone mode)<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Marking: CE |
| 310-02320 | DALI-2 modular relay module.<br>• Configuration: DALI, DALI-2<br>• Maximum switching current, cosϕ = 0.6: 8 A<br>• Maximum switching frequency: 1 Hz<br>• Lighting element: equipped with a green LED to indicate the relay state<br>• Input voltage: via the DALI bus<br>• Nominal current consumption (12 V, 25°C): 2.7 mA<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Ambient temperature: -20 – +60 °C<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 8 A), potential-free<br>• Stripping length<br>– 7 mm stripping length<br>• Dimensions (HxWxD): 17.5 x 56.4 x 98 mm<br>• Modification of settings: Niko detector tool app (in combination with Niko DALI-2 detectors), BMS software (in combination with Niko DALI-2 BMS detectors) or manually (in stand-alone mode)<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 310-02400 | DALI-2 line power supply.<br><br>• Configuration: DALI-2 power supply<br>• Output voltage: 12 Vdc … 20.5 Vdc<br>• Maximum guaranteed supply current (at 15 V): 30 mA<br>• Maximum DALI supply current: 50 mA<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Maximum power consumption: Ø1 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Ambient temperature: -20 – +55 °C<br>• Mounting method: flush-mounting box (behind the switch)<br>• Usage: for indoor use only<br>• Stripping length<br>– 8.5 – 9.5 mm stripping length<br>• Dimensions (HxWxD): 32.5 x 15 x 58.5 mm<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Marking: CE |
| 350-100111 | Motion detector, 230 V, 9 m, for flush-mounting box, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 10 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 30 min<br>• Activation delay: 1 s<br>• Detection angle: 360°<br>• Detection range (PIR): ø 9 m from a height of 3 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 800 W<br>• Maximum load LED lamps 230 V: 300 W<br>• Maximum capacitive load: 140 µF<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 105 x 105 x 62.5 mm<br>• Dimensions visible (HxWxD): 105 x 105 x 40.5 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE |
| 350-10012 | Light sensor, 24 V, 3 lux – 60000 lux, IP54, grey.<br><br>• Input voltage: 24 Vdc ± 10 %<br>• Detector output: 0-10 V<br>• Number of channels: 1 channel<br>• Light intensity range: 3 lux – 60000 lux<br>• Ambient temperature: -40 – +50 °C<br>• Mounting method: surface mounting<br>• Usage: for outdoor use<br>• Dimensions (HxWxD): 52 x 52 x 34.5 mm<br>• Protection degree: IP54<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 350-10030 | Twilight switch, 230 V, 2 lux – 200 lux, IP54, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 2 lux – 200 lux<br>• Ambient temperature: -50 – +50 °C<br>• Mounting method: surface mounting<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Number of switches with a 16 A load: 6000<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 3000 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load low-pressure sodium/mercury lamps: 1500 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 103 x 73 x 47 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |
| 350-10032 | Twilight switch, 24 V, 2 lux – 200 lux, IP54, white.<br><br>• Input voltage: 24 Vac/Vdc ± 10 %<br>• Detector output: 24 V (ON/OFF)<br>• Number of channels: 1 channel<br>• Light intensity range: 2 lux – 200 lux<br>• Ambient temperature: -50 – +50 °C<br>• Mounting method: surface mounting<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 4 A), potential-free<br>• Dimensions (HxWxD): 103 x 73 x 47 mm<br>• Weight: 118 g<br>• Protection degree: IP54<br>• Marking: CE |
| 350-10033 | Twilight switch, 230 V, 3-300 lux, IP54, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 3 lux – 300 lux<br>• Ambient temperature: -50 – +50 °C<br>• Mounting method: surface mounting<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 16 A)<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 95 x 68 x 38 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |

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**Illuminating ideas.**

| Article number | Specifications Text |
|---|---|
| 350-20011 | Motion detector, 24 V, 16 m, 90°, for surface mounting, white.<br><br>• Input voltage: 24 Vdc ± 10 %<br>• Detector output: 24 V (ON/OFF)<br>• Number of channels: 1 channel<br>• Detection angle: 90°<br>• Detection range (PIR): 16 m from a height of 8 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 8 m<br>• Usage: This photo cell is suitable for indoor applications and has an IP20 protection degree. In combination with the IP54 protection cap this photo cell is also suitable for outdoor applications.<br>• Relay contact: on/off (NPN transistor)<br>• Dimensions (HxWxD): 67 x 52 x 34 mm<br>• Dimensions visible (HxWxD): 52 x 67 x 34 mm<br>• Protection degree: IP20<br>• Marking: CE |
| 350-20050 | Motion detector, 230 V, 16 m, 180°, IP54, with orientable lens, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – ∞<br>• Switch-off delay: 8 s – 30 min<br>• Detection angle: 180°<br>• Detection range (PIR): 16 m from a height of 3 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 70 x 90 x 130 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |
| 350-20054 | Presence detector, 230 V, 20 m, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 10 lux – 1000 lux<br>• Switch-off delay: 1 min – 30 min<br>• Detection angle: 360°<br>• Detection range (PIR): ø 20 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2.5 – 3.4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 127 x 127 x 59 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE<br>• Certification marks: SundaHus |

| Article number | Specifications Text |
|---|---|
| 350-20056 | Presence detector, 230 V, 8 m, for flush-mounting box, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 30 lux – 2000 lux<br>• Switch-off delay: 5 s – 30 min<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 8 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2.5 – 4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 90 x 90 x 56 mm<br>• Dimensions visible (HxWxD): 90 x 90 x 24 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE |
| 350-20057 | IR remote control<br>Surface-mounting height= max 8.5 mm. CECEC approved |
| 350-20058 | Motion detector, 230 V, 16 m, 180°, IP54, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – ∞<br>• Switch-off delay: test, 1 min – 30 min<br>• Detection angle: 180°<br>• Detection range (PIR): 16 m from a height of 3 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 125 x 72 x 63 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 350-20065 | Presence detector, dual tech, PIR+US, 230 V, master, 9.5 m / 19 m, for flush-mounting box, white.<br><br>• Factory setting<br>– light sensitivity: 100 lux<br>– switch-off delay: 15 min<br>– detection area (US sensor): 80%, ± 8 x 13 m<br>– detection method: PIR + US<br>– air flow sensitivity: off<br>– function: the presence detector is equipped with an integrated light sensor. The lighting is automatically switched on only when movement is registered in the room and when the measured daylight level is insufficient relative to the preset lux value. The lighting remains switched on as long as the presence detector registers activity in the detection area. If no movement is detected in the room, the lighting is automatically switched off after the switch-off delay has elapsed.<br>The light sensitivity, the switch-off delay, the detection area, the detection method and the air flow sensitivity can all be set using the potentiometers on the device:<br>– there are four preset values for the detection area: 2 x 3 m, 4 x 6 m, 6 x 7 m and 10 x 16 m.<br>– there are four detection methods: PIR/US, only PIR, only US and PIR + US.<br>– the air flow sensitivity can be switched completely on or off.<br>– there are four preset indicative values for the light sensitivity: 10 lux, 30 lux, 100 lux and 1000 lux.<br>– there are four preset times for the switch-off delay: 1 minute, 5 minutes, 15 minutes and 30 minutes.<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 min – 30 min<br>• Detection angle: 360°<br>• Detection range (PIR): ø 9.5 m from a height of 3 m<br>• Detection range (US): 12 x 19 m from a height of 3 m<br>• Ambient temperature: 0 – 45 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 120 x 120 x 60 mm<br>• Dimensions visible (HxWxD): 120 x 120 x 34 mm<br>• Protection degree: IP20<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus |
| 350-20066 | Presence detector, dual tech, PIR+US, 230 V, secondary, 9.5 m / 19 m, for flush-mounting box, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 9.5 m from a height of 3 m<br>• Detection range (US): 12 x 19 m from a height of 3 m<br>• Ambient temperature: 0 – 45 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 120 x 120 x 60 mm<br>• Dimensions visible (HxWxD): 120 x 120 x 34 mm<br>• Protection degree: IP20<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus |
| 350-20067 | IR remote control |

| Article number | Specifications Text |
|---|---|
| 350-20070 | Presence detector, 230 V, master, 24 m, IP54, for flush-mounting box, white.<br><br>• Factory setting<br>– sensitivity of the motion sensor: high<br>– application: presence detector, daylight-dependent, automatic on/off via PIR (as soon as the switch-off delay has elapsed)<br>– push button application: in the mode: 'eco off', the lighting can be switched off manually using an NO push button without having to wait for the switch-off delay. The lighting can also be switched on manually if the sensor has not yet registered any movement (such as a button outside the area). The lighting is only switched on if the amount of daylight available in the room is insufficient. Pressing and holding the push button switches the lighting on or off for two hours, irrespective of the detected movement and the registered light level. After that time, the detector resumes its normal operation.<br>– switch-off delay: 10 min<br>– light sensitivity: 200 lux<br>– function: the detector activates the lighting automatically if the motion sensor detects movement in the area and the light level is below the selected lux value. If the detector no longer detects any movement in the detection area, the lighting is automatically switched off after the switch-off delay, unless the user decides to manually switch off the lighting sooner.<br>The detector has two potentiometers and six DIP switches for manually adjusting the settings:<br>– potentiometer 1: setting the light sensitivity (20 lux up to light-independent)<br>– potentiometer 2: setting the switch-off delay (2 up to 60 minutes)<br>– the four DIP switches enable the selection of various functionalities: presence or absence detection, detection sensitivity, 'eco off' function, daylight-dependent or daylight-independent push button.<br>– using the two DIP switches, the sensitivity of the motion sensor can be increased or decreased. Setting via the remote control: The user can use the remote control to set up the detector entirely according to his requirements.<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 1000 lux, ∞<br>• Switch-off delay: pulse, 2 min – 1 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 100 x 100 x 73.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 46.4 mm<br>• Protection degree: IP54<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-20071 | Presence detector, 230 V, secondary, 24 m, IP54, for flush-mounting box, white.<br><br>• Factory setting<br>– sensitivity of the motion sensor: high<br>The detector has one potentiometer and two DIP switches for manually adjusting the settings:<br>– potentiometer 1: activation of the walking test<br>– using the two DIP switches, the sensitivity of the motion sensor can be increased or decreased.<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 100 x 100 x 73.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 46.4 mm<br>• Protection degree: IP54<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 350-20072 | Presence detector, 230 V, master, 2 channels, 24 m, IP54, for flush mounting, white. <br><br> • Factory setting <br> – sensitivity of the motion sensor: high <br> – application: presence detector, daylight-dependent, automatic on/off via PIR <br> – push-button application: in the mode: 'eco off', the lighting can be switched off manually with a short push on a NO push button without having to wait for the switch-off delay. The lighting can also be switched on manually with a short push on the push button. The lighting is only switched on. The lighting is only switched on if the amount of daylight available in the room is insufficient. Pressing and holding the push button switches the lighting on or off for two hours irrespective of the detected movement and the registered light level. <br> - switch-off delay both channels: 10 min <br> - light sensitivity both channels: 200 lux <br> The detector has four potentiometers and six DIP switches for manually adjusting the settings: <br> – potentiometer 1: setting the light sensitivity for channel 1 (20 lux up to light-independent) <br> – potentiometer 2: setting the switch-off delay for channel 1 (2 up to 60 minutes) <br> – potentiometer 3: setting the light sensitivity for channel 2 (20 lux to light-independent) <br> – potentiometer 4: setting the light sensitivity for channel 2 (2 to 60 minutes) For correct setting, the detector must have an LED indicator for setting of time and lux level The four DIP switches enable the selection of various functionalities: presence or absence detection, 'eco off' function, daylight-dependent or daylight-independent push button. Using the two DIP switches the sensitivity of the sensor can be increased or decreased (four levels of sensitivity). Setting via the remote control: the user can use the remote control to set up the detector entirely according to his requirements (absence, presence, lux levels, push button possibilities, switch-off delay, four levels of sensitivity ..) <br> • Input voltage: 230 Vac ± 10 %, 50 Hz <br> • Detector output: 230 V (ON/OFF) <br> • Maximum MCB rating: 10 A (limited by national installation rules) <br> • Number of channels: 2 channels <br> • Light intensity range: 20 lux – 1000 lux, ∞ <br> • Switch-off delay: pulse, 2 min – 1 h <br> • Detection angle: 360° <br> • Detection range (PIR): ø 24 m from a height of 3 m <br> • Ambient temperature: -5 – +50 °C <br> • Mounting method: flush-mounting <br> • Mounting height: 2 – 3.4 m <br> • Usage: for indoor use only <br> • Relay contact: 2 x N.O. (max. 10 A), potential-free <br> • Potential-free contact: NO, 230 V, µ10 A <br> • Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W <br> • Maximum load low voltage halogen lamps: 500 W <br> • Maximum load economy lamps (CFLi): 350 W <br> • Maximum load LED lamps 230 V: 350 W <br> • Maximum capacitive load: 140 µF <br> • Maximum switching current: 165 A/20 ms – 800 A/200 µs <br> • Dimensions (HxWxD): 100 x 100 x 136.4 mm <br> • Dimensions visible (HxWxD): 100 x 100 x 46.4 mm <br> • Protection degree: IP54 <br> • Protection class: Class I device <br> • Marking: CE <br> • Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 350-20078 | Presence detector, 230 V, master, 24 m, IP54, for surface mounting, white.<br><br>• Factory setting<br>– sensitivity of the motion sensor: high<br>– application: presence detector, daylight-dependent, automatic on/off via PIR (as soon as the switch-off delay has elapsed)<br>– push-button application: in the mode: 'eco off', the lighting can be switched off manually using an NO push button without having to wait for the switch-off delay. The lighting can also be switched on manually if the sensor has not yet registered any movement (such as a button outside the area). The lighting is only switched on if the amount of daylight available in the room is insufficient. Pressing and holding the push button switches the lighting on or off for two hours, irrespective of the detected movement and the registered light level. After that time, the detector resumes its normal operation.<br>– switch-off delay: 10 min<br>– light sensitivity: 200 lux<br>– function: the detector activates the lighting automatically if the motion sensor detects movement in the area and the light level is below the selected lux value. If the detector no longer detects any movement in the detection area, the lighting is automatically switched off after the switch-off delay, unless the user decides to manually switch off the lighting sooner.<br>The detector has two potentiometers and six DIP switches for manually adjusting the settings:<br>– potentiometer 1: setting the light sensitivity (20 lux up to light-independent)<br>– potentiometer 2: setting the switch-off delay (2 up to 60 minutes)<br>– the four DIP switches enable the selection of various functionalities: presence or absence detection, detection sensitivity, 'eco off' function, daylight-dependent or daylight-independent push button.<br>– using the two DIP switches, the sensitivity of the motion sensor can be increased or decreased. Setting via the remote control: The user can use the remote control to set up the detector entirely according to his requirements.<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 1000 lux, ∞<br>• Switch-off delay: pulse, 2 min – 1 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-20079 | Presence detector, 230 V, secondary, 24 m, IP54, for surface mounting, white.<br><br>• Factory setting<br>– sensitivity: high.<br>The detector has one potentiometer and two DIP switches for manually adjusting the settings:<br>– potentiometer 1: activation of the walking test<br>– using the two DIP switches, the sensitivity of the motion sensor can be increased or decreased.<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 350-20080 | Motion detector, 230 V, master, 32 m, IP54, for high ceilings, for surface mounting, white.<br><br>• Factory setting<br>– sensitivity of the motion sensor: high<br>– application: daylight-dependent, automatic on/off via PIR (as soon as the switch-off delay has elapsed)<br>– push-button application: in the mode: 'eco off', the lighting can be switched off manually using an NO push button without having to wait for the switch-off delay. The lighting can also be switched on manually if the sensor has not yet registered any movement (such as a button outside the area). The lighting is only switched on if the amount of daylight available in the room is insufficient. Pressing and holding the push button switches the lighting on or off for two hours, irrespective of the detected movement and the registered light level. After that time, the detector resumes its normal operation.<br>– switch-off delay: 10 min<br>– light sensitivity: 200 lux<br>The detector has two potentiometers and six DIP switches for manually adjusting the settings:<br>– potentiometer 1: setting the light sensitivity (20 lux up to light-independent)<br>– potentiometer 2: setting the switch-off delay (2 up to 60 minutes)<br>– the four DIP switches enable the selection of various functionalities: detection sensitivity, 'eco off' function, daylight-dependent or daylight-independent push button.<br>– using the two DIP switches, the sensitivity of the motion sensor can be increased or decreased. Setting via the remote control: The user can use the remote control to set up the switch-off delay, lux value and test mode entirely according to his requirements.<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 1000 lux, ∞<br>• Switch-off delay: pulse, 2 min – 1 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 8 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 8 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-20081 | Motion detector, 230 V, secondary, 32 m, IP54, for high ceilings, for surface mounting, white.<br><br>• Factory setting<br>– sensitivity: high.<br>The detector has one potentiometer and two DIP switches for manually adjusting the settings:<br>– potentiometer 1: activation of the walking test<br>– using the two DIP switches, the sensitivity of the motion sensor can be increased or decreased.<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 8 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 8 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 350-20082 | Presence detector, 230 V, master, 2 channels, 24 m, IP54, for surface mounting, white.<br><br>• Factory setting<br>– sensitivity of the motion sensor: high<br>– application: presence detector, daylight-dependent, automatic on/off via PIR<br>– push-button application: the lighting can be switched off manually with a short push on a NO push button without having to wait for the switch-off delay (mode: 'eco off'). The lighting can also be switched on manually with a short push on the push button. The lighting is only switched on. The lighting is only switched on if the amount of daylight available in the room is insufficient. Pressing and holding the push button switches the lighting on or off for two hours irrespective of the detected movement and the registered light level.<br>– switch-off delay both channels: 10 min<br>– light sensitivity both channels: 200 lux<br>The detector has four potentiometers and six DIP switches for manually adjusting the settings:<br>– potentiometer 1: setting the light sensitivity for channel 1 (20 lux up to light-independent)<br>– potentiometer 2: setting the switch-off delay for channel 1 (2 up to 60 minutes)<br>– potentiometer 3: setting the light sensitivity for channel 2 (20 lux to light-independent)<br>– Potentiometer 4: setting the switch-off delay for channel 2 (2 to 60 minutes)<br>For correct setting, the detector must have an LED indicator for setting of time and lux level The four DIP switches enable the selection of various functionalities: presence or absence detection, 'eco off' function, daylight-dependent or daylight-independent push button. Using the two DIP switches the sensitivity of the sensor can be increased or decreased (four levels of sensitivity). Setting via the remote control: the user can use the remote control to set up the detector entirely according to his requirements (absence, presence, lux levels, push button possibilities, switch-off delay, four levels of sensitivity ..)<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 2 channels<br>• Light intensity range: 20 lux – 1000 lux<br>• Switch-off delay: 2 min – 1 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Relay contact: 2 x N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Protection class: Class I device<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

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| Article number | Specifications Text |
|---|---|
| 350-20085 | Presence detector, 230 V, 9.5 m, IP65, mini, for flush mounting, white.<br><br>• Factory setting<br>– application: presence detector, daylight-dependent, automatic on/off via PIR<br>– push-button application: in the mode: 'eco off', the lighting can be switched off manually using an NO push button without having to wait for the switch-off delay. The lighting can also be switched on manually if the sensor has not yet registered any movement (such as a button outside the area). The lighting is only switched on if the amount of daylight available in the room is insufficient. Pressing and holding the push button switches the lighting on or off throughout the duration of the switch-off delay + two hours. After that time, the mini detector resumes its normal operation. Pressing and holding is daylight-independent.<br>– switch-off delay: 5 min<br>– light sensitivity: 100 lux<br>– function: the mini detector activates the lighting automatically if the motion sensor detects movement in the area and the light level is below the selected lux value. After the last motion is detected, the lighting remains switched on for the duration of the preset switch-off delay. As soon as the switch-off delay has elapsed, the lighting switches off. The lighting also switches off automatically as soon as the daylight level is sufficiently high, even when motion is still detected in the room at that time. The lighting can also be manually switched off using a push button. The mini detector can be set to operate with customised settings using the (optional) IR remote control.<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 1000 lux<br>• Switch-off delay: 2 min – 1 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 9.5 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 30 mm<br>• Mounting height: 2 – 3 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 36 x 36 x 62.6 mm<br>• Dimensions visible (HxWxD): 36 x 36 x 13.3 mm<br>• Protection degree: IP65<br>• Marking: CE |
| 350-20089 | IR remote control<br>This Niko remote control is used for setting the presence or absence detectors (360°, 230 V, master) with one channel for flush mounting (350-20070) and for surface mounting (350-20078) via infrared transmission. The factory settings can be changed with the remote control. The settings that can be changed include the daylight factor (lux value) and the time period during which the lighting remains on. |
| 350-20090 | IR remote control<br>This Niko remote control is used for setting the mini presence or mini absence detector (360°, 230 V) with one channel for flush mounting (350-20085) via infrared transmission. The factory settings can be changed with the remote control. The settings that can be changed include the daylight factor (lux value) and the time period during which the lighting remains on. |

| Article number | Specifications Text |
|---|---|
| 350-20150 | Motion detector, 230 V, 13 m, 180°, IP54, with orientable lens, for surface mounting, anthracite.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – ∞<br>• Switch-off delay: 8 s – 30 min<br>• Detection angle: 180°<br>• Detection range (PIR): 13 m from a height of 3 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 70 x 90 x 130 mm<br>• Dimensions visible (HxWxD): 70 x 90 x 130 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |
| 350-20158 | Motion detector, 230 V, 13 m, 180°, IP54, for surface mounting, anthracite.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – ∞<br>• Switch-off delay: 8 s – 30 min<br>• Detection angle: 180°<br>• Detection range (PIR): 13 m from a height of 3 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 125 x 72 x 63 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 350-213001 | Motion detector, KNX®, 5 channels, 32 m, IP55, for surface mounting, white.<br>• KNX motion detector for outdoor use<br>• Also suitable for indoor daylight control, HVAC and alarm functionalities<br>• Wall or ceiling mounting<br>• Corner mounting bracket (available as accessory)<br>• Easy installation with plug-in terminals<br>• Adjustable sensor head - right/left 90°, up 90°, down 40°<br>• Two sensitivity zones: frontal and below<br>• Pulse algorithm prevents false triggering by trees or other objects<br>• Master/secondary configuration<br>• 2 channels for on/off or dimming<br>• 2 channels for HVAC<br>• 1 channel for alarm<br>• Two separate light levels (orientation light level and normal light level)<br>• Commissioning via ETS software or IR-remote control (available as accessory)<br><br>Technical data<br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum current consumption: 10 mA<br>• Number of channels: 5 channels<br>• Light intensity range: 5 lux – 2000 lux, ∞<br>• Switch-off delay: 5 s – 1 h, ∞<br>• Activation delay: 1 s<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 2.5 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3 m<br>• Usage: for outdoor and indoor use<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 84 x 90 x 150 mm<br>• Protection degree: IP55<br>• Protection class: Class II device<br>• Marking: CE |
| 350-30010 | Motion detector, 24 V, 15 m, 90°, incl. twilight switch 3 – 300 lux, for surface mounting, white.<br><br>• Input voltage: 24 Vdc ± 10 %<br>• Detector output: 24 V (ON/OFF)<br>• Number of channels: 1 channel<br>• Light intensity range: 3 lux – 300 lux<br>• Detection angle: 90°<br>• Detection range (PIR): 15 m from a height of 2 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 m<br>• Usage: This photo cell is suitable for indoor applications and has an IP20 protection degree. In combination with the IP54 protection cap this photo cell is also suitable for outdoor applications.<br>• Dimensions (HxWxD): 67 x 52 x 34 mm<br>• Weight: 52 g<br>• Protection degree: IP20<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 350-34001 | Presence detector, KNX®, 5 channels, 7 – 8 m, IP54, mini, for flush mounting, white.<br>5 channels for various applications, detection angle 360°, tangential detection range 8 m at 3 m height, radial detection range 2 m at 3 m height, presence detection range 3 m at 3 m height. Optional black deco ring.<br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum power consumption: 0.3 W<br>• Maximum current consumption: 10 mA<br>• Number of channels: 5 channels: channel 1-3 for adjustable control, channel 4 for HVAC and channel 5 for light measurement<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 s – 18 h 12 min 15 s<br>• Detection angle: 360°<br>• Detection range (PIR): ø 8 m from a height of 3 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 28 mm<br>• Mounting height: 2 – 4 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 45 x 45 x 50 mm<br>• Dimensions visible (HxWxD): 45 x 45 x 10 mm<br>• Modification of settings: ETS software<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-34002 | Presence detector P34MR, KNX®, 5 channels, 9 – 10 m, IP40, for flush mounting, white.<br>5 channels for various applications, detection angle 360°, tangential detection range 10 m at 3 m height, radial detection range 6 m at 3 m height, presence detection range 3 m at 3 m height. Optional black deco ring.<br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum power consumption: 0.3 W<br>• Maximum current consumption: 10 mA<br>• Number of channels: 5 channels: channel 1-3 for adjustable control, channel 4 for HVAC and channel 5 for light measurement<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 s – 18 h 12 min 15 s<br>• Detection angle: 360°<br>• Detection range (PIR): ø 10 m from a height of 3 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 58 mm<br>• Mounting height: 2 – 4 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 75 x 75 x 41 mm<br>• Dimensions visible (HxWxD): 75 x 75 x 8.7 mm<br>• Modification of settings: ETS software<br>• Protection degree: IP40 (Flush-mounting box) / IP44 (spring clips)<br>• Impact resistance: IK02<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 350-34003 | Motion detector M34LR, KNX®, 5 channels, 39-41 m, IP40, for flush-mounting box, white.<br>5 channels for various applications, detection angle 360°, tangential detection range 41 m at 3 m height, radial detection range 7 m at 3 m height.<br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum power consumption: 0.3 W<br>• Maximum current consumption: 10 mA<br>• Number of channels: 5 channels: channel 1-3 for adjustable control, channel 4 for HVAC and channel 5 for light measurement<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 s – 18 h 12 min 15 s<br>• Detection angle: 360°<br>• Detection range (PIR): ø 41 m from a height of 3 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: flush-mounting box<br>• Drill diameter: 56 mm<br>• Mounting height: 2 – 3 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 111 x 111 x 70 mm<br>• Dimensions visible (HxWxD): 111 x 111 x 53 mm<br>• Modification of settings: ETS software<br>• Protection degree: IP40<br>• Impact resistance: IK02<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-34004 | Motion detector M34HC, KNX®, 5 channels, 15-20 m, for high ceilings, for flush-mounting box, white.<br>5 channels for various applications, detection angle 360°, tangential detection range 20 m at 10 m height, radial detection range 12 m at 10 m height.<br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum power consumption: 0.3 W<br>• Maximum current consumption: 10 mA<br>• Number of channels: 5 channels: channel 1-3 for adjustable control, channel 4 for HVAC and channel 5 for light measurement<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 s – 18 h 12 min 15 s<br>• Detection angle: 360°<br>• Detection range (PIR): ø 20 m from a height of 10 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: flush-mounting box<br>• Drill diameter: 56 mm<br>• Mounting height: 4 – 10 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 102 x 102 x 51 mm<br>• Dimensions visible (HxWxD): 102 x 102 x 33 mm<br>• Modification of settings: ETS software<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 350-34013 | Motion detector M34LR, KNX®, 5 channels, 39-41 m, IP40, for flush-mounting box, black.<br>5 channels for various applications, detection angle 360°, tangential detection range 41 m at 3 m height, radial detection range 7 m at 3 m height.<br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum power consumption: 0.3 W<br>• Maximum current consumption: 10 mA<br>• Number of channels: 5 channels: channel 1-3 for adjustable control, channel 4 for HVAC and channel 5 for light measurement<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 s – 18 h 12 min 15 s<br>• Detection angle: 360°<br>• Detection range (PIR): ø 41 m from a height of 3 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: flush-mounting box<br>• Drill diameter: 56 mm<br>• Mounting height: 2 – 3 m<br>• Usage: for indoor use only<br>• Colour: black (approximately RAL 9011)<br>• Dimensions (HxWxD): 111 x 111 x 70 mm<br>• Dimensions visible (HxWxD): 111 x 111 x 53 mm<br>• Modification of settings: ETS software<br>• Protection degree: IP40<br>• Impact resistance: IK02<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-34014 | Motion detector M34HC, KNX®, 5 channels, 15-20 m, for high ceilings, for flush-mounting box, black.<br>5 channels for various applications, detection angle 360°, tangential detection range 20 m at 10 m height, radial detection range 12 m at 10 m height,<br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum power consumption: 0.3 W<br>• Maximum current consumption: 10 mA<br>• Number of channels: 5 channels: channel 1-3 for adjustable control, channel 4 for HVAC and channel 5 for light measurement<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 s – 18 h 12 min 15 s<br>• Detection angle: 360°<br>• Detection range (PIR): ø 20 m from a height of 10 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: flush-mounting box<br>• Drill diameter: 56 mm<br>• Mounting height: 4 – 10 m<br>• Usage: for indoor use only<br>• Colour: black (approximately RAL 9011)<br>• Dimensions (HxWxD): 102 x 102 x 51 mm<br>• Dimensions visible (HxWxD): 102 x 102 x 33 mm<br>• Modification of settings: ETS software<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41279 | Motion detector, 24 V, 15 m, 90°, with potential-free contact, for surface mounting, white.<br><br>• Input voltage: 24 Vac/Vdc ± 10 %<br>• Detector output: 24 V (ON/OFF)<br>• Maximum current consumption: 18 mA<br>• Number of channels: 1 channel<br>• Switch-off delay: 2 s – 30 min<br>• Detection angle: 90°<br>• Detection range (PIR): 15 m from a height of 2 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 m<br>• Usage: This photo cell is suitable for indoor applications and has an IP20 protection degree. In combination with the IP54 protection cap this photo cell is also suitable for outdoor applications.<br>• Dimensions (HxWxD): 67 x 52 x 34 mm<br>• Protection degree: IP20<br>• Marking: CE |

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| Article number | Specifications Text |
|---|---|
| 350-41549 | Motion detector, 24 V, 8 m, with potential-free contact, for surface mounting, white.<br><br>• Input voltage: 24 Vac/Vdc ± 10 %<br>• Detector output: 24 V (ON/OFF)<br>• Number of channels: 1 channel<br>• Switch-off delay: 30 s – 1 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 8 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2.5 – 4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 0.2 A), potential-free<br>• Dimensions (HxWxD): 80 x 80 x 30.6 mm<br>• Protection degree: IP20<br>• Marking: CE |
| 350-41600 | Presence detector, 230 V, master, 12 m, flat, for flush mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 1000 lux<br>• Switch-off delay: 5 min – 1 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -5 – +40 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 77 mm<br>• Mounting height: 2.4 – 3 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 95 x 95 x 95 mm<br>• Dimensions visible (HxWxD): 95 x 95 x 5 mm<br>• Protection degree: IP20<br>• Protection class: Class I detector, class II devices<br>• Marking: CE<br>• Certification marks: Byggvarubedömningen |
| 350-41601 | Presence detector, 230 V, secondary, 12 m, flat, for flush mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -5 – +40 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 77 mm<br>• Mounting height: 2.4 – 3 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 95 x 95 x 95 mm<br>• Dimensions visible (HxWxD): 95 x 95 x 5 mm<br>• Protection degree: IP20<br>• Protection class: Class I detector, class II devices<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 350-41620 | Presence detector, 230 V, master, 2 channels, 12 m, with 2 potential-free contacts, flat, for flush mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 2 channels<br>• Light intensity range: 50 lux – 1000 lux<br>• Switch-off delay: 5 min – 30 min<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -5 – +40 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 77 mm<br>• Mounting height: 2.4 – 3 m<br>• Usage: for indoor use only<br>• Relay contact: 2 x N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 95 x 95 x 95 mm<br>• Dimensions visible (HxWxD): 95 x 95 x 5 mm<br>• Protection degree: IP20<br>• Protection class: Class I detector, class II devices<br>• Marking: CE |
| 350-41650 | Presence detector, DALI, master, 12 m, with potential-free contact, flat, for flush mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 3<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 2000 lux<br>• Switch-off delay: 5 min – ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -5 – +40 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 77 mm<br>• Mounting height: 2.5 – 3 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 95 x 95 x 95 mm<br>• Dimensions visible (HxWxD): 95 x 95 x 5 mm<br>• Protection degree: IP20<br>• Marking: CE<br>• Certification marks: SundaHus |

| Article number | Specifications Text |
|---|---|
| 350-41657 | Presence detector, DALI, master, 12 m, flat, for flush mounting, white.<br><br>• Function: detector 350-41657<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 100 lux – 1000 lux<br>• Switch-off delay: 5 min – 1 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -5 – +40 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 77 mm<br>• Mounting height: 2.5 – 3 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 95 x 95 x 95 mm<br>• Dimensions visible (HxWxD): 95 x 95 x 5 mm<br>• Protection degree: IP20<br>• Marking: CE |
| 350-41659 | Presence detector, DALI, secondary, 12 m, flat, for flush mounting, white.<br><br>• Input voltage: via the DALI bus<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -5 – +40 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 77 mm<br>• Mounting height: 2.5 – 3 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 95 x 95 x 95 mm<br>• Dimensions visible (HxWxD): 95 x 95 x 5 mm<br>• Protection degree: IP20<br>• Marking: CE |
| 350-41680 | Presence detector, DALI, EnOcean®, master, 12 m, flat, for flush mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 3<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 1000 lux<br>• Switch-off delay: 5 min – ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -5 – +40 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 77 mm<br>• Mounting height: 2.5 – 3 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 95 x 95 x 95 mm<br>• Dimensions visible (HxWxD): 95 x 95 x 5 mm<br>• Operating frequency: 0.8683 GHz<br>• Maximum radio frequency power: 1.4 dBm<br>• Protection degree: IP20<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 350-41730 | Presence detector, KNX®, 4 channels, 24 m, IP54, for flush-mounting box, white.<br><br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum current consumption: 10 mA<br>• Number of channels: 4 channels<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 s – 255 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting box<br>• Drill diameter: 88.5 mm<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 100 x 100 x 46.4 mm<br>• Protection degree: IP54<br>• Marking: CE |
| 350-41731 | Presence detector, KNX®, 4 channels, 24 m, IP54, for surface mounting, white.<br><br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum current consumption: 10 mA<br>• Number of channels: 4 channels<br>• Light intensity range: 10 lux – 2000 lux<br>• Switch-off delay: 1 s – 255 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Marking: CE |
| 350-41734 | Motion detector, KNX®, 4 channels, 32 m, IP54, for high ceilings, for flush-mounting box, white.<br><br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum power consumption: 0.3 W<br>• Maximum current consumption: 10 mA<br>• Number of channels: 4 channels<br>• Light intensity range: 10 lux – 20000 lux<br>• Switch-off delay: 1 s – 255 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 8 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting box<br>• Drill diameter: 88.5 mm<br>• Mounting height: 4 – 8 m<br>• Usage: for indoor use only<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41735 | Motion detector, KNX®, 4 channels, 32 m, IP54, for high ceilings, for surface mounting, white.<br><br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum current consumption: 10 mA<br>• Number of channels: 4 channels<br>• Light intensity range: 10 lux – 20000 lux<br>• Switch-off delay: 1 s – 255 h<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 8 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 8 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Marking: CE |

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| Article number | Specifications Text |
|---|---|
| 350-41750 | Presence detector, DALI, master, 24 m, IP54, for flush mounting, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 2000 lux<br>• Switch-off delay: 5 min – ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 88.5 mm<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 μF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 μs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 136.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 46.4 mm<br>• Protection degree: IP54<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41751 | Presence detector, DALI, master, 24 m, IP54, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 2000 lux<br>• Switch-off delay: 5 min – ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 μF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 μs<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 350-41752 | Presence detector, DALI, secondary, 24 m, IP54, for flush mounting, white.<br><br>• Input voltage: via the DALI bus<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 88.5 mm<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 100 x 100 x 136.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 46.4 mm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41753 | Presence detector, DALI, secondary, 24 m, IP54, for surface mounting, white.<br><br>• Input voltage: via the DALI bus<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41760 | Motion detector, DALI, master, 32 m, IP54, for high ceilings, for flush mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 2000 lux<br>• Switch-off delay: 5 min – ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 8 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 88.5 mm<br>• Mounting height: 4 – 8 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 100 x 100 x 136.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 46.4 mm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

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| Article number | Specifications Text |
|---|---|
| 350-41761 | Motion detector, DALI, master, 32 m, IP54, for high ceilings, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 2000 lux<br>• Switch-off delay: 5 min – ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 8 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 8 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41762 | Motion detector, DALI, secondary, 32 m, IP54, for high ceilings, for flush mounting, white.<br><br>• Input voltage: via the DALI bus<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 8 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 88.5 mm<br>• Mounting height: 4 – 8 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 100 x 100 x 136.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 46.4 mm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41763 | Motion detector, DALI, secondary, 32 m, IP54, for high ceilings, for surface mounting, white.<br><br>• Input voltage: via the DALI bus<br>• Detection angle: 360°<br>• Detection range (PIR): ø 32 m from a height of 8 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 8 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 350-41780 | Presence detector, DALI, EnOcean®, master, 24 m, IP54, for flush mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 2000 lux<br>• Switch-off delay: 5 min – ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: flush-mounting<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 100 x 100 x 136.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 46.4 mm<br>• Operating frequency: 0.8683 GHz<br>• Maximum radio frequency power: 1.4 dBm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41781 | Presence detector, DALI, EnOcean®, master, 24 m, IP54, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Addressable<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 100 lux – 2000 lux<br>• Switch-off delay: 5 min – ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 24 m from a height of 3 m<br>• Ambient temperature: -5 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm<br>• Operating frequency: 0.8683 GHz<br>• Maximum radio frequency power: 1.4 dBm<br>• Protection degree: IP54<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |
| 350-41930 | IR-remote control for KNX® detector 360° |
| 350-41934 | IR remote control for installers |
| 350-41935 | IR remote control for users |
| 350-41936 | Universal remote control for smartphone |

| Article number | Specifications Text |
|---|---|
| 350-500111 | Motion detector, 230 V, 40 m, for corridors, for flush-mounting box, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 10 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 30 min<br>• Activation delay: 1 s<br>• Detection angle: 360°<br>• Detection range (PIR): 40 m from a height of 2.5 m<br>• Ambient temperature: -20 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 1200 W<br>• Maximum load economy lamps (CFLi): 800 W<br>• Maximum load LED lamps 230 V: 300 W<br>• Maximum load LED driver: 800 VA<br>• Maximum capacitive load: 140 µF<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 105 x 105 x 60 mm<br>• Dimensions visible (HxWxD): 105 x 105 x 38 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE |
| 350-530311 | Motion detector, KNX®, 2 channels, 40 m, for corridors, for flush-mounting box, white.<br><br>• Detector technology: PIR<br>• Input voltage: 30 Vdc via KNX®-bus<br>• Detector output: KNX®<br>• Maximum current consumption: 10 mA<br>• Number of channels: 2 channels<br>• Light intensity range: 10 lux – 2000 lux, ∞<br>• Switch-off delay: 30 s – 1 h<br>• Activation delay: 1 s<br>• Detection angle: 360°<br>• Detection range (PIR): 40 m from a height of 2.5 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 2.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 105 x 105 x 60 mm<br>• Dimensions visible (HxWxD): 105 x 105 x 38 mm<br>• Protection degree: IP20<br>• Marking: CE |
| 350-70020 | DALI push-button interface<br>• Dimensions (HxWxD): 35 x 30 x 30 mm |
| 350-70021 | DALI link module<br>• Dimensions (HxWxD): 21 x 30 x 159 mm |
| 350-70985 | Compact power supply for DALI bus systems.<br>• power supply voltage: 85 to 265 V, frequency 50/60 Hz<br>• standby consumption: < 1 W<br>• output: DALI<br>• output voltage: 16 Vdc + - 5 %<br>• max. load DALI output: 250 mA/4 W<br>• air humidity: 20 - 95% RH, non condensing<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Ambient temperature: 0 – 50 °C<br>• Protection degree: IP20<br>• Dimensions (HxWxD): 30 x 28 x 190 mm<br>• Marking: CE |
| 350-939998 | IR remote control<br>• Dimensions (HxWxD): 74.5 x 80 x 25 mm |

| Article number | Specifications Text |
|---|---|
| 350-991999 | Flush-mounting box with spring clips<br>• Drill diameter: 68 mm |
| 350-992901 | IP54 surface-mounting box, white |
| 350-993991 | Corner-mounting bracket, white<br>• Dimensions (HxWxD): 74.5 x 80 x 25 mm |
| 350-999908 | IR remote control<br>• Dimensions (HxWxD): 102 x 50 x 5 mm |
| 351-03160 | Motion detector, 230 V, 11 m, 200°, IP44, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 1000 lux<br>• Switch-off delay: pulse, 1 s – 15 min<br>• Detection angle: 200°<br>• Detection range (PIR): 11 m from a height of 3 m<br>• Ambient temperature: -20 – +55 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 4 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 5 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 1000 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 500 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 100 W<br>• Maximum load LED lamps 230 V: 100 W<br>• Dimensions (HxWxD): 100 x 70 x 100 mm<br>• Protection degree: IP44<br>• Protection class: Class II device<br>• Marking: CE |
| 351-03165 | Motion detector, 230 V, 11 m, 200°, IP44, for surface mounting, black.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 1000 lux<br>• Switch-off delay: pulse, 1 s – 15 min<br>• Detection angle: 200°<br>• Detection range (PIR): 11 m from a height of 3 m<br>• Ambient temperature: -20 – +55 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 4 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 5 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 1000 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 500 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 100 W<br>• Maximum load LED lamps 230 V: 100 W<br>• Dimensions (HxWxD): 100 x 70 x 100 mm<br>• Protection degree: IP44<br>• Protection class: Class II device<br>• Marking: CE |
| 351-10170 | Mounting bracket for corners, white |
| 351-10172 | Mounting bracket for corners, black |

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| Article number | Specifications Text |
|---|---|
| 351-25050 | Motion detector, 230 V, 26 m, IP55, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 360°<br>• Detection range (PIR): ø 26 m from a height of 3 m<br>• Ambient temperature: -20 – +55 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 8 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1150 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Dimensions (HxWxD): 125 x 125 x 75 mm<br>• Protection degree: IP55<br>• Protection class: Class II device<br>• Marking: CE |
| 351-25065 | Motion detector, 230 V, 26 m, round, for flush-mounting box, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 360°<br>• Detection range (PIR): ø 26 m from a height of 3 m<br>• Ambient temperature: -20 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 8 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1150 VA<br>• Maximum load low voltage halogen lamps: 1150 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Dimensions (HxWxD): 105 x 105 x 79 mm<br>• Dimensions visible (HxWxD): 105 x 105 x 43 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE |
| 351-25310 | IR remote control for users |
| 351-25320 | IR remote control |

| Article number | Specifications Text |
|---|---|
| 351-25340 | Motion detector, 230 V, 14 m, round, for flush-mounting box, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 360°<br>• Detection range (PIR): ø 14 m from a height of 3 m<br>• Ambient temperature: -20 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 6 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1150 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Dimensions (HxWxD): 105 x 105 x 71 mm<br>• Dimensions visible (HxWxD): 105 x 105 x 35 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE |
| 351-25420 | Surface-mounting box, white<br>• Dimensions (HxWxD): 105 x 105 x 40 mm |
| 351-25459 | Presence detector, 230 V, secondary, 14 m, round, for flush-mounting box, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 14 m from a height of 3 m<br>• Ambient temperature: -20 – +40 °C<br>• Mounting method: flush-mounting box<br>• Drill diameter: 48 mm<br>• Mounting height: 2 – 6 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 105 x 105 x 71 mm<br>• Dimensions visible (HxWxD): 105 x 105 x 35 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE |
| 351-25463 | Presence detector, 230 V, master, 14 m, with potential-free contact, round, for flush-mounting box, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 360°<br>• Detection range (PIR): ø 14 m from a height of 3 m<br>• Ambient temperature: -20 – +40 °C<br>• Mounting method: flush-mounting box<br>• Drill diameter: 48 mm<br>• Mounting height: 2 – 6 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 5 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 1000 W<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 100 W<br>• Maximum load LED lamps 230 V: 100 W<br>• Dimensions (HxWxD): 105 x 105 x 71 mm<br>• Dimensions visible (HxWxD): 105 x 105 x 35 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 351-25475 | Presence detector, dual tech, PIR+HF, 230 V, master, 40 m / 12 m, IP54, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 360°<br>• Detection range (PIR): ø 40 m from a height of 3 m<br>• Detection range (HF): ø 12 m from a height of 3 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 4 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2000 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1000 VA<br>• Maximum load low voltage halogen lamps: 1000 W<br>• Maximum load economy lamps (CFLi): 300 W<br>• Maximum load LED lamps 230 V: 300 W<br>• Dimensions (HxWxD): 129 x 129 x 83 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |
| 351-26450 | Motion detector, 230 V, 12 m, 200°, IP55, for wall and ceiling mounting, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 200°<br>• Detection range (PIR): 12 m from a height of 3 m<br>• Ambient temperature: -20 – +55 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 8 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1150 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Dimensions (HxWxD): 63 x 63 x 94 mm<br>• Protection degree: IP55<br>• Protection class: Class II device<br>• Marking: CE |
| 351-26470 | Motion detector, 230 V, 12 m, 200°, IP55, for wall and ceiling mounting, for surface mounting, black.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 200°<br>• Detection range (PIR): 12 m from a height of 3 m<br>• Ambient temperature: -20 – +55 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 8 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1150 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Dimensions (HxWxD): 63 x 63 x 94 mm<br>• Protection degree: IP55<br>• Protection class: Class II device<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 351-26480 | Motion detector, 230 V, 12 m, 200°, IP55, for wall and ceiling mounting, for surface mounting, alu.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 200°<br>• Detection range (PIR): 12 m from a height of 3 m<br>• Ambient temperature: -20 – +55 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 8 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load low voltage halogen lamps: 1150 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Dimensions (HxWxD): 63 x 63 x 94 mm<br>• Protection degree: IP55<br>• Protection class: Class II device<br>• Marking: CE |
| 351-26560 | Motion detector, 230 V, 16 m, 240°, IP54, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 240°<br>• Detection range (PIR): 16 m from a height of 3 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 5 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 8.7 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2000 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1000 VA<br>• Maximum load low voltage halogen lamps: 1000 W<br>• Maximum load economy lamps (CFLi): 300 W<br>• Maximum load LED lamps 230 V: 300 W<br>• Dimensions (HxWxD): 112 x 105 x 148 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |
| 351-26562 | Motion detector, 230 V, 16 m, 240°, IP54, for surface mounting, black.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 240°<br>• Detection range (PIR): 16 m from a height of 3 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 5 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 8.7 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2000 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1000 VA<br>• Maximum load low voltage halogen lamps: 1000 W<br>• Maximum load economy lamps (CFLi): 300 W<br>• Maximum load LED lamps 230 V: 300 W<br>• Dimensions (HxWxD): 112 x 105 x 148 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |

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*Illuminating ideas.*

| Article number | Specifications Text |
|---|---|
| 351-26570 | Motion detector, 230 V, 16 m, 300°, IP54, for surface mounting, white.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 300°<br>• Detection range (PIR): 16 m from a height of 3 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 5 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 8.7 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2000 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1000 VA<br>• Maximum load low voltage halogen lamps: 1000 W<br>• Maximum load economy lamps (CFLi): 300 W<br>• Maximum load LED lamps 230 V: 300 W<br>• Dimensions (HxWxD): 112 x 105 x 148 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |
| 351-26572 | Motion detector, 230 V, 16 m, 300°, IP54, for surface mounting, black.<br><br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 5 lux – 2000 lux<br>• Switch-off delay: pulse, 10 s – 20 min<br>• Detection angle: 300°<br>• Detection range (PIR): 16 m from a height of 3 m<br>• Ambient temperature: -20 – +50 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 5 m<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 8.7 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2000 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1000 VA<br>• Maximum load low voltage halogen lamps: 1000 W<br>• Maximum load economy lamps (CFLi): 300 W<br>• Maximum load LED lamps 230 V: 300 W<br>• Dimensions (HxWxD): 112 x 105 x 148 mm<br>• Dimensions visible (HxWxD): 148 mm<br>• Protection degree: IP54<br>• Protection class: Class II device<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-600021<br>Tender text document | Presence detector P41MR, 230 V, secondary, 12-13 m, for flush-mounting box, white.<br>• Flat and discrete design<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Settings and configuration can be locked with a PIN code<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 44.5 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-600111<br>Tender text document | Motion detector M42MR, 230 V, 12-13 m, for flush-mounting box, white.<br>• Flat and discrete design<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options are available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for back up and distribution of configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 44.5 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-600121<br><br>Tender text document | Presence detector P42MR, 230 V, master, 12-13 m, for flush-mounting box, white.<br>• Flat and discrete design<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options are available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for back up and distribution of configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 44.5 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-601021<br>Tender text document | Presence detector P41MR, 230 V, secondary, 12-13 m, for flush mounting (SnapFit), white.<br>• Flat and discrete design<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Settings and configuration can be locked with a PIN code<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 66.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-601111<br>Tender text document | Motion detector M42MR, 230 V, 12-13 m, for flush mounting (SnapFit), white.<br>• Flat and discrete design<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 μF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 μs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 66.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-601121<br><br>Tender text document | Presence detector P42MR, 230 V, master, 12-13 m, for flush mounting (SnapFit), white.<br>• Flat and discrete design<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 66.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-601221<br>Tender text document | Presence detector P42MR, 230 V, master, 2 channels, 12-13 m, for flush mounting (SnapFit), white.<br>• Flat and discrete design<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Each channel can be set independently<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - one for each channel - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 2 channels<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: 2 x N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 109.5 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-602021<br>Tender text document | Presence detector P41MR, 230 V, secondary, 12-13 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 50 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 50 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-602111<br><br>Tender text document | Motion detector M42MR, 230 V, 12-13 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN-code<br>• Web based portal solution for backing up and exchanging configuration files<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosφ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 300 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 50 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 50 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-602121<br><br>Tender text document | Presence detector P42MR, 230 V, master, 12-13 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN-code<br>• Web based portal solution for backing up and exchanging configuration files<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosɸ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosɸ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosɸ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 300 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 50 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 50 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-602221<br>Tender text document | Presence detector P42MR, 230 V, master, 2 channels, 12-13 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Each channel can be set independently<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button, one for each channel – different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 2 channels<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: 2 x N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 300 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 50 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 50 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-650021<br><br>Tender text document | Presence detector P46MR, DALI-2, secondary - BMS, 12-13 m, for flush-mounting box, white.<br>• Flat and discrete design<br>• Easy installation thanks to the direct connection to the DALI bus<br>• Communication with the master or BMS system via the DALI bus<br>• Power supply via the DALI bus<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android) or BMS software<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Settings and configuration can be locked with a PIN-code<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: via the DALI bus<br>• Detector output: DALI-2<br>• Maximum current consumption: 28.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Light intensity range: 0 lux – 10360 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 44.5 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-650321<br>Tender text document | Presence detector P47MR, DALI-2, master, 12-13 m, for flush-mounting box, white.<br>• Flat and discrete design<br>• Daylight control in 1-3 daylight zones<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Supports DALI broadcast (default) and DALI addressable<br>• Pre-configured functions:<br>– auto configuration when replacing one DALI ballast/DALI device<br>– orientation light<br>– adjustable power-on level when daylight control is disabled<br>– adjustable PIR sensitivity (4 levels)<br>– tunable white third-party integration<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• Suitable for controlling up to 64 DALI devices (consider guaranteed current on the DALI bus)<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 100 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 44.5 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-651021<br>Tender text document | Presence detector P46MR, DALI-2, secondary - BMS, 12-13 m, for flush mounting (SnapFit), white.<br>• Flat and discrete design<br>• Easy installation thanks to the direct connection to the DALI bus<br>• Communication with the master or BMS system via the DALI bus<br>• Power supply via the DALI bus<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android) or BMS software<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Settings and configuration can be locked with a PIN-code<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: via the DALI bus<br>• Detector output: DALI-2<br>• Maximum current consumption: 28.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Light intensity range: 0 lux – 10360 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 66.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-651021-1 | Presence detector P46MR, DALI-2, secondary - BMS, 12-13 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector, white.<br><br>• Detector technology: PIR<br>• Input voltage: via the DALI bus<br>• Detector output: DALI-2<br>• Maximum current consumption: 28.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Light intensity range: 0 lux – 10360 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 66.4 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Cable specifications<br>– cable colour: black<br>– length: 2 m<br>– wire cross-section: 1,5 mm²<br>– voltage: 250 V<br>– rated current: 16 A<br>– halogen-free: yes<br>– ambient temperature: -5 – +40C°<br>– type of connector: male, 5-pole, blue |

| Article number | Specifications Text |
|---|---|
| 353-651321<br>Tender text document | Presence detector P47MR, DALI-2, master, 12-13 m, for flush mounting (SnapFit), white.<br>• Flat and discrete design<br>• Daylight control in 1-3 daylight zones<br>• SnapFit mounting bracket (patent pending) for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Supports DALI broadcast (default) and DALI addressable<br>• Pre-configured functions:<br>– auto configuration when replacing one DALI ballast/DALI device<br>– orientation light<br>– adjustable power-on level when daylight control is disabled<br>– adjustable PIR sensitivity (4 levels)<br>– tunable white third-party integration<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• Suitable for controlling up to 64 DALI devices (consider guaranteed current on the DALI bus) (consider guaranteed current on the DALI bus)<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 100 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 66.4 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-651321-1 | Presence detector P47MR, DALI-2, master, 12-13 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector, white.<br><br>• Function: To be used in combination with the daylight control module 360-35010, 360-45010 or 360-45011 for lighting control.<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 100 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 20 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Cable specifications<br>– cable colour: black<br>– length: 2 m<br>– wire cross-section: 1,5 mm²<br>– voltage: 400 V<br>– rated current: 16 A<br>– halogen-free: yes<br>– ambient temperature: -5 – +40C°<br>– type of connector: male, 5-pole, blue |

| Article number | Specifications Text |
|---|---|
| 353-651421<br>[Tender text document](Tender text document) | Presence detector P48MR, DALI-2, master, 12-13 m, for flush mounting (SnapFit), white.<br>• Flat and discrete design<br>• Lighting control in up to 4 zones (daylight controlled)<br>• Lighting zones can be controlled wirelessly by push buttons<br>• SnapFit mounting bracket for easy and stable mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Commissioning using app (iOS/Android) and 2-way Bluetooth® communication<br>• Supports DALI broadcast (default) and DALI addressable (up to 64 devices)<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– auto configuration / orientation light / night mode<br>– light scenarios – define and control up to 16 light scenarios<br>– wireless communication master-to-master enabling: folding door, lighting control in adjacent areas, unlimited DALI devices ( > 64 DALI devices)<br>– multi zone for (smart) board lighting<br>– tunable white using integrated presets or third-party integration<br>– human centric lighting (24 presets)<br>– output relay - control HVAC / standby minimization / light (On/Off)<br>– external relay for HVAC / standby minimization / light (On/Off)<br>– adjustable turn-on level when daylight control is disabled<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• External DALI-2 input devices via DALI bus - up to 64 devices<br>• External trigger can be connected e.g. security alarm<br>• Web based portal solution for backing up and exchanging configuration files<br>• Settings and configuration can be locked with a PIN code<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of 230 V push buttons and switches: 4<br>• Maximum number of Bluetooth® push buttons: 4<br>• Maximum number of 24 V push buttons: 16 (using 4 DALI-2 push-button interfaces - max. 4 buttons per interface)<br>• Possibility to override DALI lighting control using a control: yes<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Potential-free contact: NO, 230 V, µ10 A<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 109.5 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 9.5 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes |

| Article number | Specifications Text |
|---|---|
| 353-651421-1 | Presence detector P48MR, DALI-2, master, 12-13 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 20 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Potential-free contact: NO, 230 V, µ10 A<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosφ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Cable specifications<br>– cable colour: black<br>– length: 2 m<br>– wire cross-section: 1,5 mm²<br>– voltage: 400 V<br>– rated current: 16 A<br>– halogen-free: yes<br>– ambient temperature: -5 – +40C°<br>– type of connector: male, 5-pole, blue |

| Article number | Specifications Text |
|---|---|
| 353-651421-2 | Presence detector P48MR, DALI-2, master, 12-13 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 X 2 m cable with 5-pol. connectors, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 20 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Potential-free contact: NO, 230 V, μ10 A<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 μF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 μs<br>• Colour: white (approximately RAL 9010)<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Cable specifications<br>– cable colour: grey<br>– length: 2 m<br>– wire cross section: 1,5 mm²<br>– voltage: 400 V<br>– rated current: 16 A<br>– halogen-free: yes<br>– ambient temperature: -5 – +40C°<br>– type of connector cable 1: male, 5-pole, light green<br>– type of connector cable 2: male, 5-pole, pink |

| Article number | Specifications Text |
|---|---|
| 353-652021<br>Tender text document | Presence detector P46MR, DALI-2, secondary - BMS, 12-13 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Easy installation thanks to the direct connection to the DALI bus<br>• Communication with the master or BMS system via the DALI bus<br>• Power supply via the DALI bus<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android) or BMS software<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels)<br>– event log keeps track of recent changes<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: via the DALI bus<br>• Detector output: DALI-2<br>• Maximum current consumption: 28.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Light intensity range: 0 lux – 10360 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 50 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 50 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-652321<br>Tender text document | Presence detector P47MR, DALI-2, master, 12-13 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Daylight control in 1-3 daylight zones<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick commissioning and live feedback in the app<br>• Supports DALI broadcast (default) and DALI addressable<br>• Pre-configured functions:<br>– auto configuration when replacing one DALI ballast/DALI device<br>– orientation light<br>– adjustable power-on level when daylight control is disabled<br>– adjustable PIR sensitivity (4 levels)<br>– tunable white third-party integration<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• Suitable for controlling up to 64 DALI devices (consider guaranteed current on the DALI bus)<br>• Settings and configuration can be locked with a PIN-code<br>• Web based portal solution for backing up and exchanging configuration files<br>• IP54 protection degree<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 100 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 50 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 50 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-652421 <br> Tender text document | Presence detector P48MR, DALI-2, master, 12-13 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Lighting control in up to 4 zones (daylight controlled)<br>• Lighting zones can be controlled wirelessly by push buttons<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Commissioning using app (iOS/Android) and 2-way Bluetooth® communication<br>• Supports DALI broadcast (default) and DALI addressable (up to 64 devices)<br>• Pre-configured functions:<br>– auto configuration / orientation light / night mode<br>– light scenarios – define and control up to 16 light scenarios<br>– wireless communication master-to-master enabling: folding door, lighting control in adjacent areas, unlimited number of DALI devices ( > 64 DALI devices)<br>– multi zone for (smart) board lighting<br>– adjustable PIR sensitivity (4 levels)<br>– tunable white using integrated presets or third-party integration<br>– human centric lighting (24 presets)<br>– output relay - control HVAC / standby minimization / light (On/Off)<br>– external relay for HVAC / standby minimization / light (On/Off)<br>– adjustable turn-on level when daylight control is disabled<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• External DALI-2 input devices via DALI bus - up to 64 devices<br>• External trigger can be connected e.g. security alarm<br>• Web based portal solution for backing up and exchanging configuration files<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of 230 V push buttons and switches: 4<br>• Maximum number of Bluetooth® push buttons: 4<br>• Maximum number of 24 V push buttons: 16 (using 4 DALI-2 push-button interfaces - max. 4 buttons per interface)<br>• Possibility to override DALI lighting control using a control: yes<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 12 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Potential-free contact: NO, 230 V, μ10 A<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosφ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 350 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 μF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 μs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 50 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 50 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Protection class: Class II device |

| Article number | Specifications Text |
|---|---|
| 353-700021<br><br>Tender text document | Presence detector P41LR, 230 V, secondary, 32-37 m, for flush-mounting box, white.<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Settings and configuration can be locked with a PIN code<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 77.2 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-700111<br><br>Tender text document | Motion detector M42LR, 230 V, 32-37 m, for flush-mounting box, white.<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for back up and distribution of configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 77.2 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-700121<br>Tender text document | Presence detector P42LR, 230 V, master, 32-37 m, for flush-mounting box, white.<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for back up and distribution of configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 77.2 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-701021<br><br>Tender text document | Presence detector P41LR, 230 V, secondary, 32-37 m, for flush mounting (SnapFit), white.<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Settings and configuration can be locked with a PIN code<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 99.1 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-701111<br>Tender text document | Motion detector M42LR, 230 V, 32-37 m, for flush mounting (SnapFit), white.<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 99.1 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-701121<br><br>Tender text document | Presence detector P42LR, 230 V, master, 32-37 m, for flush mounting (SnapFit), white.<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 99.1 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-701121-2 | Presence detector P42LR, 230 V, master, 32-37 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 X 2 m cable with 3-pol. connectors, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Cable specifications<br>– cable colour wire 1: black<br>– cable colour wire 2: white<br>– length: 2 m<br>– wire cross section: 1,5 mm²<br>– voltage: 250 V<br>– rated current: 16 A<br>– halogen-free: yes<br>– ambient temperature: -5 – +40C°<br>– type of connector cable 1: male, 3-pole, black<br>– type of connector cable 2: female, 3-pole, white |

| Article number | Specifications Text |
|---|---|
| 353-701221<br>Tender text document | Presence detector P42LR, 230 V, master, 2 channels, 32-37 m, for flush mounting (SnapFit), white.<br>• each channel can be set independently<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 2 channels<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: 2 x N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosφ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 142.2 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-702021<br>Tender text document | Presence detector P41LR, 230 V, secondary, 32-37 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Settings and configuration can be locked with a PIN-code<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK04<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-702111<br>Tender text document | Motion detector M42LR, 230 V, 32-37 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 300 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK04<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-702121<br>Tender text document | Presence detector P42LR, 230 V, master, 32-37 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 300 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK04<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-702221<br>Tender text document | Presence detector P42LR, 230 V, master, 2 channels, 32-37 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Each channel can be set independently<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button, one for each channel - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Maximum number of Bluetooth® push buttons: 4<br>• Number of channels: 2 channels<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: 2 x N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 300 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK04<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE |
| 353-70801 | WAGO WINSTA® distribution box, HVAC, P48 DALI-2<br>• Ambient temperature: -35 – +85 °C<br>• Protection degree: IP20<br>• Dimensions (HxWxD): 30 x 190 x 145 mm<br>• Marking: CE |
| 353-70802 | WAGO WINSTA® distribution box, ON/OFF, P48 DALI-2<br>• Ambient temperature: -35 – +85 °C<br>• Protection degree: IP20<br>• Dimensions (HxWxD): 30 x 190 x 145 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-70803 | WAGO WINSTA® distribution box, standby minimisation, P48 DALI-2<br>• Ambient temperature: -35 – +85 °C<br>• Protection degree: IP20<br>• Dimensions (HxWxD): 30 x 190 x 145 mm<br>• Marking: CE |
| 353-70804 | WAGO WINSTA® distribution box, 2-circuit, P47/P48 DALI-2<br>• Ambient temperature: -35 – +85 °C<br>• Protection degree: IP20<br>• Dimensions (HxWxD): 30 x 190 x 145 mm<br>• Marking: CE |
| 353-70806 | WAGO WINSTA® distribution box, DALI relay, P48 DALI-2/BMS<br>• Ambient temperature: -40 – +85 °C<br>• Protection degree: IP20<br>• Dimensions (HxWxD): 30 x 190 x 145 mm<br>• Marking: CE |
| 353-750021<br>Tender text document | Presence detector P46LR, DALI-2, secondary - BMS, 32-37 m, for flush-mounting box, white.<br>• Easy installation thanks to the direct connection to the DALI bus<br>• Communication with the master or BMS system via the DALI bus<br>• Power supply via the DALI bus<br>• Easy mounting in a standard European-flush mounting box<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android) or BMS software<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Settings and configuration can be locked with a PIN-code<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: via the DALI bus<br>• Detector output: DALI-2<br>• Maximum current consumption: 28.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Light intensity range: 0 lux – 10360 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 77.2 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-750321<br>Tender text document | Presence detector P47LR, DALI-2, master, 32-37 m, for flush-mounting box, white.<br>• Daylight control in 1-3 daylight zones<br>• Easy mounting in a standard flush-mounting box (60 or 79 mm diagonal screw distance)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick commissioning and live feedback in the app<br>• Supports DALI broadcast (default) and DALI addressable<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– auto configuration when replacing one DALI ballast/DALI device<br>– orientation light<br>– adjustable power-on level when daylight control is disabled<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– tunable white third-party integration<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• Suitable for controlling up to 64 DALI devices (consider guaranteed current on the DALI bus)<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 100 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting box<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 77.2 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-751021<br>Tender text document | Presence detector P46LR, DALI-2, secondary - BMS, 32-37 m, for flush mounting (SnapFit), white.<br>• Easy installation thanks to the direct connection to the DALI bus<br>• Communication with the master or BMS system via the DALI bus<br>• Power supply via the DALI bus<br>• SnapFit mounting bracket for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android) or BMS software<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Settings and configuration can be locked with a PIN code<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: via the DALI bus<br>• Detector output: DALI-2<br>• Maximum current consumption: 28.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Light intensity range: 0 lux – 10360 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 99.1 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-751021-1 | Presence detector P46LR, DALI-2, secondary - BMS, 32-37 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector, white. <br><br> • Detector technology: PIR <br> • Input voltage: via the DALI bus <br> • Detector output: DALI-2 <br> • Maximum current consumption: 28.1 mA <br> • Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA <br> • Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA <br> • Maximum MCB rating: 16 A (limited by national installation rules) <br> • Maximum startup time DALI: <1200 ms <br> • Maximum PIR detection startup time: 1 min 10 s <br> • Light intensity range: 0 lux – 10360 lux <br> • Detection angle: 360° <br> • Detection range (PIR): ⌀ 37 m from a height of 3 m <br> • Ambient temperature: -25 – +40 °C <br> • Mounting method: flush-mounting (SnapFit) <br> • Drill diameter: 76 mm <br> • Mounting height: 2 – 3.5 m <br> • Usage: for indoor use only <br> • Colour: white (approximately RAL 9010) <br> • Maximum range Bluetooth® (free field, depending on the device): 50 m <br> • Operating frequency: 2.4 GHz <br> • Maximum radio frequency power: -2 dBm <br> • Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software <br> • Protection degree: IP20 <br> • Impact resistance: IK04 <br> • Halogen-free: yes <br> • Marking: CE <br> • Cable specifications <br> – cable colour: black <br> – length: 2 m <br> – wire cross-section: 1,5 mm² <br> – voltage: 250 V <br> – rated current: 16 A <br> – halogen-free: yes <br> – ambient temperature: -5 – +40C° <br> – type of connector: male, 5-pole, blue |

| Article number | Specifications Text |
|---|---|
| 353-751321<br><br>Tender text document | Presence detector P47LR, DALI-2, master, 32-37 m, for flush mounting (SnapFit), white.<br>• Daylight control in 1-3 daylight zones<br>• SnapFit mounting bracket (patent pending) for easy and stable mounting in all types of suspended ceilings with or without removable tiles<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick commissioning and live feedback in the app<br>• Supports DALI broadcast (default) and DALI addressable<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– auto configuration when replacing one DALI ballast/DALI device<br>– orientation light<br>– adjustable power-on level when daylight control is disabled<br>– one or more PIR segments can be disabled<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– tunable white third-party integration<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• Suitable for controlling up to 64 DALI devices (consider guaranteed current on the DALI bus)<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 100 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 120 x 120 x 99.1 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-751321-1 | Presence detector P47LR, DALI-2, master, 32-37 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 100 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 20 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Cable specifications<br>– cable colour: black<br>– length: 2 m<br>– wire cross-section: 1,5 mm²<br>– voltage: 400 V<br>– rated current: 16 A<br>– halogen-free: yes<br>– ambient temperature: -5 – +40C°<br>– type of connector: male, 5-pole, blue |

| Article number | Specifications Text |
|---|---|
| 353-751421<br>Tender text document | Presence detector P48LR, DALI-2, master, 32-37 m, for flush mounting (SnapFit), white.<br>• Lighting control in up to 4 zones (daylight controlled)<br>• SnapFit mounting bracket for easy and stable mounting<br>• Lighting zones can be controlled wirelessly by push buttons<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Commissioning using app (iOS/Android) and 2-way Bluetooth® communication<br>• Supports DALI broadcast (default) and DALI addressable (up to 64 devices)<br>• Pre-configured functions:<br>– auto configuration / orientation light / night mode<br>– light scenarios – define and control up to 16 light scenarios<br>– wireless communication master-to-master enabling: folding door, lighting control in adjacent areas, unlimited number of DALI devices ( > 64 DALI devices)<br>– multi zone for (smart) board lighting<br>– tunable white using integrated presets or third-party integration<br>– human centric lighting (24 presets)<br>– output relay - control HVAC / standby minimization / light (On/Off)<br>– external relay for HVAC / standby minimization / light (On/Off)<br>– adjustable turn-on level when daylight control is disabled<br>– adjustable PIR sensitivity (5 levels incl. disable) in 3 x 120°<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• External DALI-2 input devices via DALI bus - up to 64 devices<br>• External trigger can be connected e.g. security alarm<br>• Web based portal solution for backing up and exchanging configuration files<br>• Settings and configuration can be locked with a PIN code<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of 230 V push buttons and switches: 4<br>• Maximum number of Bluetooth® push buttons: 4<br>• Maximum number of 24 V push buttons: 16 (using 4 DALI-2 push-button interfaces - max. 4 buttons per interface)<br>• Possibility to override DALI lighting control using a control: yes<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 20 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 142.2 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 42.2 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool, app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-751421-1 | Presence detector P48LR, DALI-2, master, 32-37 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 m cable with 5-pol. connector, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 20 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosφ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Cable specifications<br>– cable colour: black<br>– length: 2 m<br>– wire cross-section: 1,5 mm²<br>– voltage: 400 V<br>– rated current: 16 A<br>– halogen-free: yes<br>– ambient temperature: -5 – +40C°<br>– type of connector: male, 5-pole, blue |

| Article number | Specifications Text |
|---|---|
| 353-751421-2 | Presence detector P48LR, DALI-2, master, 32-37 m, for flush mounting (SnapFit), WAGO WINSTA® MIDI 2 X 2 m cable with 5-pol. connectors, white.<br><br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 20 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: flush-mounting (SnapFit)<br>• Drill diameter: 76 mm<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosφ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP20<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Cable specifications<br>– cable colour: grey<br>– length: 2 m<br>– wire cross section: 1,5 mm²<br>– voltage: 400 V<br>– rated current: 16 A<br>– halogen-free: yes<br>– ambient temperature: -5 – +40C°<br>– type of connector cable 1: male, 5-pole, light green<br>– type of connector cable 2: male, 5-pole, pink |

| Article number | Specifications Text |
|---|---|
| 353-752021<br>Tender text document | Presence detector P46LR, DALI-2, secondary - BMS, 32-37 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Easy installation thanks to the direct connection to the DALI bus<br>• Communication with the master or BMS system via the DALI bus<br>• Power supply via the DALI bus<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for settings (iOS/Android) or BMS software<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: via the DALI bus<br>• Detector output: DALI-2<br>• Maximum current consumption: 28.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Light intensity range: 0 lux – 10360 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software<br>• Protection degree: IP54<br>• Impact resistance: IK04<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-752321<br>Tender text document | Presence detector P47LR, DALI-2, master, 32-37 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Daylight control in 1-3 daylight zones<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick commissioning and live feedback in the app<br>• Supports DALI broadcast (default) and DALI addressable<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– auto configuration when replacing one DALI ballast/DALI device<br>– orientation light<br>– adjustable power-on level when daylight control is disabled<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– tunable white third-party integration<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• Suitable for controlling up to 64 DALI devices (consider guaranteed current on the DALI bus)<br>• Web based portal solution for backing up and exchanging configuration files<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.5 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 100 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 3<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK04<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-752421<br><br>Tender text document | Presence detector P48LR, DALI-2, master, 32-37 m, IP54, for surface mounting, white.<br>• Surface mounting<br>• Lighting control in up to 4 zones (daylight controlled)<br>• Lighting zones can be controlled wirelessly by push buttons<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Commissioning using app (iOS/Android) and 2-way Bluetooth® communication<br>• Supports DALI broadcast (default) and DALI addressable (up to 64 devices)<br>• Pre-configured functions:<br>– auto configuration / orientation light / night mode<br>– light scenarios – define and control up to 16 light scenarios<br>– wireless communication master-to-master enabling: folding door, lighting control in adjacent areas, unlimited number of DALI devices ( > 64 DALI devices)<br>– multi zone for board lighting and smart board lighting<br>– tunable white using integrated presets or third-party integration<br>– human centric lighting (24 presets)<br>– output relay - control HVAC / standby minimization / light (On/Off)<br>– external relay for HVAC / standby minimization / light (On/Off)<br>– adjustable turn-on level when daylight control is disabled<br>– adjustable PIR sensitivity (5 levels incl. disable) in 3 x 120°<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available<br>• External DALI-2 input devices via DALI bus - up to 64 devices<br>• External trigger can be connected e.g. security alarm<br>• Web based portal solution for backing up and exchanging configuration files<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of 230 V push buttons and switches: 4<br>• Maximum number of Bluetooth® push buttons: 4<br>• Maximum number of 24 V push buttons: 16 (using 4 DALI-2 push-button interfaces - max. 4 buttons per interface)<br>• Possibility to override DALI lighting control using a control: yes<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ⌀ 37 m from a height of 3 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3.5 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Potential-free contact: NO, 230 V, µ10 A<br>• Maximum load incandescent and halogen lamps (cosϕ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosϕ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 350 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK04<br>• Protection class: Class II device |

| Article number | Specifications Text |
|---|---|
| 353-802011<br><br>Tender text document | Motion detector M41HC, 230 V, secondary, 18-53 m, IP54, for high ceilings, for surface mounting, white.<br>• High ceiling detector for surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Wireless communication between master and secondary detectors with a repeater function with repeater function<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Detection angle: 360°<br>• Detection range (PIR): ø 53 m from a height of 12 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 12 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK03<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-802111<br><br>Tender text document | Motion detector M42HC, 230 V, master, 18-53 m, IP54, for high ceilings, for surface mounting, white.<br>• High ceiling detector for surface mounting<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• User-friendly app for commissioning (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Detection range can be increased using up to 10 secondary detectors<br>• Wireless communication between master and secondary detectors with a repeater function<br>• Robust potential-free relay<br>• Automatic lighting control can be overridden with a 230 V push button - different options available<br>• Settings and configuration can be locked with a PIN code<br>• Web based portal solution for backing up and exchanging configuration files<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: 230 V (ON/OFF)<br>• Maximum power consumption: 0.2 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Maximum number of secondary detectors: 10<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 15 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 53 m from a height of 12 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 12 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Potential-free contact: NO, 230 V, µ10 A<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosφ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 300 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK03<br>• Protection class: Class II device<br>• Halogen-free: yes<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 353-852011<br><br>Tender text document | Motion detector M46HC, DALI-2, secondary - BMS, 18-53 m, IP54, for high ceilings, for surface mounting, white.<br>• High ceiling detector for surface mounting<br>• Easy installation thanks to the direct connection to the DALI bus<br>• Communication with the master via the DALI bus<br>• Power supply via the DALI bus<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Screwless strain relief and screwless installation of cable cover<br>• User-friendly app for settings (iOS/Android)<br>• 2-way Bluetooth® communication ensures quick modification of settings and live feedback in the app<br>• Fitted with three PIR segments, each covering 120°<br>• Pre-configured functions:<br>– adjustable PIR sensitivity (4 levels) in 3 x 120°<br>– one or more PIR segments can be disabled<br>– event log keeps track of recent changes<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br>Technical data<br>• Detector technology: PIR<br>• Input voltage: via the DALI bus<br>• Detector output: DALI-2<br>• Maximum current consumption: 28.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® enabled: 8.1 mA<br>• Nominal current consumption (12 V, 25°C), Bluetooth® disabled: 5 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Light intensity range: 0 lux – 10360 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 53 m from a height of 12 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 12 m<br>• Usage: for indoor use only<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication - BMS software<br>• Protection degree: IP54<br>• Impact resistance: IK03<br>• Halogen-free: yes<br>• Marking: CE<br>• Certification marks: SundaHus, Byggvarubedömningen |

| Article number | Specifications Text |
|---|---|
| 353-852411<br><br>Tender text document | Motion detector M48HC, DALI-2, master, 18-53 m, IP54, for high ceilings, for surface mounting, white.<br>• High ceiling detector for surface mounting<br>• Lighting control in up to 4 zones (daylight controlled)<br>• Quick cabling using screwless and easily accessible plug-in terminals<br>• Commissioning using app (iOS/Android) and 2-way Bluetooth® communication<br>• Supports DALI broadcast (default) and DALI addressable (up to 64 devices)<br>• Pre-configured functions:<br>– auto configuration / orientation light / night mode<br>– light scenarios – define and control up to 16 light scenarios<br>– wireless communication master-to-master enabling: folding door, lighting control in adjacent areas, unlimited number of DALI devices ( > 64 DALI devices)<br>– multi zone for board lighting and smart board lighting<br>– tunable white using integrated presets or third-party integration<br>– human centric lighting (24 presets)<br>– output relay - control HVAC / standby minimization / light (On/Off)<br>– external relay for HVAC / standby minimization / light (On/Off)<br>– adjustable turn-on level when daylight control is disabled<br>– adjustable PIR sensitivity (5 levels incl. disable) in 3 x 120°<br>– event log keeps track of recent changes<br>• DALI lighting control can be overridden with a 230 V push button - different options available - different options available<br>• External DALI-2 input devices via DALI bus - up to 64 devices<br>• External trigger can be connected e.g. security alarm<br>• Web based portal solution for backing up and exchanging configuration files<br>• Settings and configuration can be locked with a PIN code<br>• IP54 protection degree<br><br>Technical data<br>• Detector technology: PIR<br>• Input voltage: 230 Vac ± 10 %, 50 Hz<br>• Detector output: DALI Broadcast/DALI Addressable<br>• Maximum power consumption: 0.6 W<br>• Maximum power consumption wireless link active: 0.65 W<br>• Maximum MCB rating: 16 A (limited by national installation rules)<br>• Short circuit behaviour shutdown trigger: voltage below 12 V, exceeding 1.3 s<br>• Short circuit behaviour restart period: every 14 s until success<br>• Maximum voltage on the DALI bus: 15 Vdc<br>• Maximum guaranteed current on the DALI bus: 200 mA<br>• Maximum supply current: 250 mA<br>• Maximum startup time DALI: <1200 ms<br>• Maximum PIR detection startup time: 1 min 10 s<br>• Maximum number of 230 V push buttons and switches: 4<br>• Maximum number of Bluetooth® push buttons: 4<br>• Maximum number of 24 V push buttons: 16 (using 4 DALI-2 push-button interfaces - max. 4 buttons per interface)<br>• Possibility to override DALI lighting control using a control: yes<br>• Maximum number of control gear on the DALI bus: 64<br>• Maximum number of dimmable zones: 4<br>• Number of channels: 1 channel<br>• Light intensity range: 20 lux – 2000 lux, ∞<br>• Switch-off delay: pulse, 30 s – 2 h, ∞<br>• Detection angle: 360°<br>• Detection range (PIR): ø 53 m from a height of 12 m<br>• Ambient temperature: -25 – +40 °C<br>• Mounting method: surface mounting<br>• Mounting height: 4 – 12 m<br>• Usage: for indoor use only<br>• Relay contact: N.O. (max. 10 A), potential-free<br>• Potential-free contact: NO, 230 V, µ10 A<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load fluorescent lamps (cosφ ≥ 0.9): 1200 VA<br>• Maximum load low voltage halogen lamps: 350 W<br>• Maximum load economy lamps (CFLi): 350 W<br>• Maximum load LED lamps 230 V: 350 W<br>• Maximum load LED driver: 500 VA<br>• Maximum load electronic transformer: 500 VA<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Colour: white (approximately RAL 9010)<br>• Dimensions (HxWxD): 100 x 100 x 70.7 mm<br>• Dimensions visible (HxWxD): 100 x 100 x 70.7 mm<br>• Maximum range Bluetooth® (free field, depending on the device): 50 m<br>• Operating frequency: 2.4 GHz<br>• Maximum radio frequency power: -2 dBm<br>• Modification of settings: Niko detector tool app (iOS-Android) and 2-way Bluetooth® communication<br>• Protection degree: IP54<br>• Impact resistance: IK03<br>• Protection class: Class II device |

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| Article number | Specifications Text |
|---|---|
| 353-990989 | Conversion ring for flush-mounting box P4XLR and M4XLR detectors |
| 353-990991 | Deco ring for flush-mounted P4XMR and M4XMR detectors, white<br>• Colour: white (approximately RAL 9010) |
| 353-990992 | Deco ring for flush-mounted P4XMR and M4XMR detectors, black<br>• Colour: black (approximately RAL 9005) |
| 353-991491 | Housing cover for flush-mounted P4XMR, P4XLR, M4XMR and M4XLR detectors, deep (SnapFit), white (RAL 9010). |
| 353-991901 | Spring clips for flush-mounted P4XMR, P4XLR, M4XMR and M4XLR detectors (SnapFit) |
| 353-991971 | Housing cover for flush-mounted P4XMR, P4XLR, M4XMR and M4XLR detectors (SnapFit), white (RAL 9010). |
| 353-991981 | Inner bracket for flush-mounted P4XMR, P4XLR, M4XMR and M4XLR detectors (SnapFit)<br>• Colour: white (approximately RAL 9010) |
| 353-991982 | Mounting ring for flush-mounted P4XMR, P4XLR, M4XMR and M4XLR detectors (SnapFit)<br>• Colour: black (approximately RAL 9005) |
| 353-991991 | Deco ring for flush-mounted P4XLR and M4XLR detectors, white<br>• Colour: white (approximately RAL 9010) |
| 353-991992 | Deco ring for flush-mounted P4XLR and M4XLR detectors, black<br>• Colour: black (approximately RAL 9005) |
| 353-992891 | Deco ring for surface-mounted P4XLR, M4XLR and M4XHC detectors, white |
| 353-992991 | Deco ring for surface-mounted P4XMR and M4XMR detectors, white |
| 353-999809 | Lens cover for P4XMR and M4XMR detectors, transparent<br>• Dimensions (HxWxD): 34 x 53 x 53 mm<br>• Weight: 2 g |
| 353-999869 | Lens cover for P4XMR and M4XMR detectors, transparent (5 pieces)<br>• Dimensions (HxWxD): 5 x 53 x 53 mm<br>• Weight: 1 g |
| 353-999879 | Lens cover for P4XLR,M4XLR and M4XHC detectors transparent (5 pieces)<br>• Dimensions (HxWxD): 34 x 53 x 53 mm<br>• Weight: 2 g |
| 353-999889 | Lens cover for P4XLR,M4XLR and M4XHC detectors transparent<br>• Dimensions (HxWxD): 5 x 53 x 53 mm<br>• Weight: 1 g |
| 360-00000 | Base for a wireless dimmer switch, 60 x 71 mm, claw fixing.<br><br><br>• Fixing method<br>– simple mounting in a flush-mounting box with grip surfaces<br>– with claws that rotate open using screws with a combination screwhead (Pz2 or slot 1 x 5.5 mm), for mounting in a flush-mounting box with grip surfaces<br>– engagement depth of claws: 23.5 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |
| 360-00001 | Base for a wireless dimmer switch, 60 x 71 mm, screw fixing.<br><br><br>• Fixing method<br>– with screws for simple fixing in a flush-mounting box with grip surfaces<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• Dimensions (HxWxD): 71 x 73 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 360-00002 | Base for a wireless dimmer switch, 71 x 71 mm, claw fixing.<br><br>• Fixing method<br>– simple mounting in a flush-mounting box with grip surfaces<br>– with claws that rotate open using screws with a combination screwhead (Pz2 or slot 1 x 5.5 mm), for mounting in a flush-mounting box with grip surfaces<br>– engagement depth of claws: 23.5 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– horizontal coupling and vertical coupling with centre-to-centre distance 71 mm<br>– horizontal connection of several bases is quick and perfect thanks to the folded-up dovetails on the left and right side<br>– extra robustness due to the folded-up edges on the outside of the base and the continuation to the inside of the base<br>• Dimensions (HxWxD): 73 x 73 mm<br>• Marking: CE |
| 360-00003 | Base for a wireless dimmer switch, 71 x 71 mm, screw fixing.<br><br>• Fixing method<br>– with screws for simple fixing in a flush-mounting box with grip surfaces<br>• Centre-to-centre distance<br>– horizontal coupling and vertical coupling with centre-to-centre distance 71 mm<br>– horizontal connection of several bases is quick and perfect thanks to the folded-up dovetails on the left and right side<br>– extra robustness due to the folded-up edges on the outside of the base and the continuation to the inside of the base<br>• Dimensions (HxWxD): 73 x 73 mm<br>• Marking: CE |
| 360-21001 | Niko dimmer switch, Bluetooth®.<br>• Dimensions (HxWxD): 83 x 83 x 15 mm<br>• Power supply: integrated kinetic energy Harvester<br>• RF protocol: Bluetooth® Low Energy (BLE)<br>• Configuration: NFC Forum Type 2 Tag (ISO/IEC 14443 Part 2 and 3)<br>• Modulation: Gaussian frequency-shift keying (GFSK) / 1 Mbps<br>• Operating frequency: 2,4 GHZ (2402 to 2480 MHZ)<br>• Data rate: 1 Mbps<br>• Mounting height: 110 cm<br>• Temperature (storage / operating): -25°C - +65 °C<br>• Maximum range (indoor): up to 10 m. Depending on the smart lighting, the receiver can also act as a relay and augment the range<br>• Maximum RF power: 0,4 dBm<br>• Antenna: Integrated antenna<br>• Protection degree: IP20<br>• Marking: CE<br><br>• Communication protocol: Bluetooth® Low Energy<br>• Maximum radio frequency power: 0.4 dBm<br>• Operating frequency: 2.4 GHz<br>• Fixing method<br>screw fixing or gluing<br>• Dimensions (HxWxD): 83 x 83 x 15 mm<br>• Weight: 25 g<br>• Marking: CE |

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| Article number | Specifications Text |
|---|---|
| 360-35010 | Lighting control module, 230 V, 3 lux – 30000 lux.<br>Niko modular lighting control to be used in combination with a Niko photocell and Niko motion detector(s). Automatic activation is dependent on the level of daylight measured and the motion detected. Automatic OFF in sufficient daylight or after switch-off delay. Optional control via N.O. push button. Suitable for indoor and outdoor applications.<br>• Secondary voltage: 24 Vdc ±10 %.<br>• DIN 2TU<br>• Input voltage: 230 Vac/24 Vdc<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 3 lux – 30000 lux<br>• Ambient temperature: 5 – 50 °C<br>• Usage: for outdoor and indoor use<br>• Relay contact: N.O. (max. 10 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 2300 W<br>• Maximum load fluorescent lamps (cosφ ≥ 0.5): 1200 VA<br>• Maximum load low voltage halogen lamps: 500 W<br>• Maximum capacitive load: 140 µF<br>• Dimensions (HxWxD): 90 x 35 x 55 mm<br>• Protection degree: IP20<br>• Marking: CE |
| 360-36194 | Daylight control module with twilight switch, 230 V, 3 lux – 300 lux, 2-wire.<br><br>• Input voltage: 230 Vac/24 Vdc<br>• Detector output: 230 V (ON/OFF)<br>• Maximum MCB rating: 10 A (limited by national installation rules)<br>• Number of channels: 1 channel<br>• Light intensity range: 3 lux – 300 lux<br>• Ambient temperature: -5 – +50 °C<br>• Usage: for outdoor use<br>• Relay contact: N.O. (max. 16 A)<br>• Maximum load incandescent and halogen lamps (cosφ = 1): 3000 W<br>• Maximum load economy lamps (CFLi): 1000 W<br>• Maximum capacitive load: 140 µF<br>• Maximum switching current: 165 A/20 ms – 800 A/200 µs<br>• Dimensions (HxWxD): 95 x 68 x 38 mm<br>• Protection degree: IP20<br>• Protection class: Class II device<br>• Marking: CE |
| 390-20000 | Vandalproof protection cap, wall mounting |
| 390-20010 | IP54 protection cap for motion detector<br>• Dimensions (HxWxD): 68 x 41.2 mm<br>• Weight: 18 g |
| 390-20050 | Mounting brace for outdoor motion detector, white<br>Niko mounting bracket for ceiling mounting of Niko outdoor motion detector 350-20050. Colour: white.<br>• Dimensions (HxWxD): 46.7 x 53.5 mm<br>• Weight: 35 g |
| 390-20056 | Mounting box for 360° presence detector, for surface mounting, white<br>Niko mounting box for ceiling mounting of the 360° presence detector (350-20056). The mounting screws needed to mount the detector to the box are included. The box has a diameter of 89mm and is 42mm high. |
| 390-20057 | Flush mounting box with spring clips<br>Flush-mounting box for ceiling mounting of detectors. Provided with spring clips for easy mounting in false ceilings. |
| 390-20150 | Mounting brace for outdoor motion detector, anthracite<br>Niko mounting bracket for ceiling mounting of Niko outdoor motion detector 350-20150. Coulour: black.<br>• Dimensions (HxWxD): 89.5 x 46 mm<br>• Weight: 35 g |
| 390-34011 | Deco ring for P34MR mini detector, black<br>• Colour: black (approximately RAL 9011)<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Dimensions (HxWxD): 45 x 45 x 9.5 mm |
| 390-34012 | Deco ring for P34MR detector, black<br>• Colour: black (approximately RAL 9011)<br>• Protection degree: IP40<br>• Impact resistance: IK02<br>• Dimensions (HxWxD): 75 x 75 x 8.2 mm |
| 390-34102 | Surface-mounting box for P34MR, white<br>• Colour: white (coloured in mass, approximately NCS S 0502 - Y50R, RAL 9010)<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Dimensions (HxWxD): 75 x 75 x 48 mm |

| Article number | Specifications Text |
|---|---|
| 390-34103 | Surface-mounting box for M34LR, white<br>• Colour: white (coloured in mass, approximately NCS S 0502 - Y50R, RAL 9010)<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Dimensions (HxWxD): 107 x 107 x 23 mm |
| 390-34104 | Surface-mounting box for M34HC, white<br>• Colour: white (coloured in mass, approximately NCS S 0502 - Y50R, RAL 9010)<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Dimensions (HxWxD): 100 x 100 x 30 mm |
| 390-34112 | Surface-mounting box for P34MR, black<br>• Colour: black (approximately RAL 9011)<br>• Impact resistance: IK02<br>• Dimensions (HxWxD): 75 x 75 x 48 mm |
| 390-34113 | Surface-mounting box for M34LR, black<br>• Colour: black (approximately RAL 9011)<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Dimensions (HxWxD): 107 x 107 x 23 mm |
| 390-34114 | Surface-mounting box for M34HC, black<br>• Colour: black (approximately RAL 9011)<br>• Protection degree: IP54<br>• Impact resistance: IK02<br>• Dimensions (HxWxD): 100 x 100 x 30 mm |
| 390-34203 | Flush-mounting box with spring clips for M34LR/M34HC, black<br>• Colour: black (approximately RAL 9011)<br>• Protection degree: IP40<br>• Impact resistance: IK02<br>• Drill diameter: 68 mm<br>• Dimensions (HxWxD): 65 x 155 x 52 mm |
| 550-20200 | Motion detector, Niko Home Control, 16 m, 180°, IP54, with orientable lens, for surface mounting, white.<br><br>• Detector technology: PIR<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Detector output: 26 V<br>• Light intensity range: 5 lux – ∞<br>• Switch-off delay: 8 s – 30 min<br>• Detection angle: 180°<br>• Detection range (PIR): 16 m from a height of 3 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3 m<br>• Usage: for outdoor use<br>• Dimensions (HxWxD): 70 x 90 x 130 mm<br>• Dimensions visible (HxWxD): 90 x 70 x 130 mm<br>• Weight: 164 g<br>• Protection degree: IP54<br>• Marking: CE |
| 550-20201 | Motion detector, Niko Home Control, 13 m, 180°, IP54, with orientable lens, for surface mounting, anthracite.<br><br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Detector output: 26 V<br>• Light intensity range: 5 lux – ∞<br>• Switch-off delay: 8 s – 30 min<br>• Detection angle: 180°<br>• Detection range (PIR): 13 m from a height of 3 m<br>• Ambient temperature: -20 – +45 °C<br>• Mounting method: surface mounting<br>• Mounting height: 2 – 3 m<br>• Usage: for outdoor use<br>• Dimensions (HxWxD): 70 x 90 x 130 mm<br>• Dimensions visible (HxWxD): 90 x 70 x 130 mm<br>• Weight: 165 g<br>• Protection degree: IP54<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 550-20210 | Motion detector, Niko Home Control, 8 m, 180°, wall detector, for flush-mounting box.<br><br>• Function: The indoor motion detector detects moving heat sources and activates or deactivates Niko Home Control functions. The indoor motion detector detects moving heat sources by using Passive Infrared Technology (PIR). When motion is detected, the motion detector activates or deactivates certain Niko Home Control functions. These functions are assigned while programming the installation by linking functions to the unique address of each indoor motion detector. When a person enters the detection area, the motion detector initiates the starting behaviour. When the person has left the detection area or remains motionless within the area (up to 10 s after last detection) the stopping behaviour will be initiated. The indoor motion detector includes a manual mode option. In manual mode, the indoor motion detector will behave as if there were permanent motion. Press the manual mode button to activate or deactivate this mode. If manual mode is not deactivated, the function linked to that motion detector will remain active for 4 hours. The indoor motion detector consists of two parts: the sensor (XXX-55511) and the base (550-2021X). The bridge is mounted onto a standard flush-mounting box using screws. The maximum detection range is 8 m. The potentiometer underneath the cover of the sensor can be used for changing the light sensitivity setting.<br>• Connection terminals: 2 connection terminals<br>• Light intensity range: 10 lux – 1000 lux<br>• Mounting height: 0.8 – 1.2 m<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with claws that can be rotated open using screws with a slotted screw head (slot 0.8 x 5 mm), for mounting in a flush-mounting box with grip surfaces<br>– depth of engagement of claws: 31 mm<br>– claws turn back completely when loosened<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– 0.5 or 1 mm² per connection terminal<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 x 20.2 mm<br>• Marking: CE |

| Article number | Specifications Text |
|---|---|
| 550-20211 | Motion detector, Niko Home Control, 8 m, 180°, wall detector, for flush-mounting box.<br><br>• Function: The indoor motion detector detects moving heat sources and activates or deactivates Niko Home Control functions. The indoor motion detector detects moving heat sources by using Passive Infrared Technology (PIR). When motion is detected, the motion detector activates or deactivates certain Niko Home Control functions. These functions are assigned while programming the installation by linking functions to the unique address of each indoor motion detector. When a person enters the detection area, the motion detector initiates the starting behaviour. When the person has left the detection area or remains motionless within the area (up to 10 s after last detection) the stopping behaviour will be initiated. The indoor motion detector includes a manual mode option. In manual mode, the indoor motion detector will behave as if there were permanent motion. Press the manual mode button to activate or deactivate this mode. If manual mode is not deactivated, the function linked to that motion detector will remain active for 4 hours. The indoor motion detector consists of two parts: the sensor (XXX-55511) and the base (550-2021X). The bridge is mounted onto a standard flush-mounting box using screws. The maximum detection range is 8 m. The potentiometer underneath the cover of the sensor can be used for changing the light sensitivity setting.<br>• Connection terminals: 2 connection terminals<br>• Light intensity range: 10 lux – 1000 lux<br>• Mounting height: 0.8 – 1.2 m<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with screws for simple fixing in a flush-mounting box with grip surfaces<br>• Centre-to-centre distance<br>– horizontal coupling and vertical coupling with centre-to-centre distance 71 mm<br>– horizontal connection of several bases is quick and perfect thanks to the folded-up dovetails on the left and right side<br>– extra robustness due to the folded-up edges on the outside of the base and the continuation to the inside of the base<br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– 0.5 or 1 mm² per connection terminal<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 73.2 x 73 x 20.2 mm<br>• Marking: CE |

| Article number | Specifications Text |
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| 550-20212 | Motion detector, Niko Home Control, 8 m, 180°, wall detector, for flush-mounting box.<br><br>• Function: The indoor motion detector detects moving heat sources and activates or deactivates Niko Home Control functions. The indoor motion detector detects moving heat sources by using Passive Infrared Technology (PIR). When motion is detected, the motion detector activates or deactivates certain Niko Home Control functions. These functions are assigned while programming the installation by linking functions to the unique address of each indoor motion detector. When a person enters the detection area, the motion detector initiates the starting behaviour. When the person has left the detection area or remains motionless within the area (up to 10 s after last detection) the stopping behaviour will be initiated. The indoor motion detector includes a manual mode option. In manual mode, the indoor motion detector will behave as if there were permanent motion. Press the manual mode button to activate or deactivate this mode. If manual mode is not deactivated, the function linked to that motion detector will remain active for 4 hours. The indoor motion detector consists of two parts: the sensor (XXX-55511) and the base (550-2021X). The bridge is mounted onto a standard flush-mounting box using screws. The maximum detection range is 8 m. The potentiometer underneath the cover of the sensor can be used for changing the light sensitivity setting.<br>• Connection terminals: 2 connection terminals<br>• Light intensity range: 10 lux – 1000 lux<br>• Mounting height: 0.8 – 1.2 m<br>• Detection range (PIR): 8 m from a height of 1 m<br>• Detection angle horizontal: 180°<br>• Detection angle vertical: 60°<br>• Flush-mounting frame<br>– 1 mm-thick metal<br>– galvanized on all sides after cutting, even on the cut edges<br>– with 4 grooves with screw hole of 7 mm<br>– with 4 screw holes (indicated by a screw symbol) with a diameter of 3 mm for mounting on panels<br>• Fixing method<br>– with screws for simple fixing in a flush-mounting box with grip surfaces<br>• Centre-to-centre distance<br>– Simple and quick assembly of one or more mechanisms by the indication (chalk line, laser, etc.) of the centre of the flush-mounting frame<br>– vertical coupling centre-to-centre distance 60 mm by sliding several bases into each other, they lock themselves automatically<br>– vertical coupling centre-to-centre distance 71 mm using pre-formed lips at the bottom, by folding the lips downwards over a length of 1 mm, the bases support each other and the centre-to-centre distance is guaranteed.<br>– horizontal connection of multiple bases is quick and perfect thanks to the folded-up dovetails on the left and right sides<br><br>– extra robustness due to the folded-up edges on the outside of the base and the continuation into the inside of the base<br><br>• End border: The flush-mounting frame is equipped, both on the top and the bottom, with a dark grey, plastic end border. This border is made of PC+ASA and is joined to the flush-mounting frame using a melting process. The corners of the two end borders are equipped with rectangular openings (7.9 x 1.5 mm) each containing a multi-positional snap hook. Thanks to the snap hooks, the 4 rectangular openings ensure that the faceplate can always be attached flat to the wall, even in cases of untidy plasterwork. This works in two directions: If the flush-mounting box sticks out of the plasterwork, the multi-positional snap hooks can compensate for a 1 to 1.2 mm margin; if the flush-mounting box is sunk too deeply in the plasterwork, the snap hooks can compensate for up to a 1.8 mm margin. The end borders also have 4 round openings that ensure the correct positioning of the faceplate in relation to the central plate.<br>• Wire connection<br>– the sockets are equipped with screw terminals for clamping the wires.<br>• Wire capacity<br>– 0.5 or 1 mm² per connection terminal<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• You can also turn lighting on and off manually with the push button on the unit. After four hours the light switches off automatically.<br>• Protection degree: IP20<br>• Protection degree: IP40 for the combination of a mechanism and faceplate<br>• Dimensions (HxWxD): 71 x 73 x 20.2 mm<br>• Marking: CE |

| Article number | Specifications Text |
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| 550-20220 | Presence detector, Niko Home Control, 9.5 m, IP65, mini, for flush mounting, white & black.<br>The mini detector can be used in ambient temperatures up to -20 °C on the condition that the sensitivity to movement is set to "low"<br>• Input voltage: 26 Vdc (SELV, safety extra-low voltage)<br>• Detector output: 26 V<br>• Light intensity range: 2 lux – 25000 lux<br>• Detection angle: 360°<br>• Detection range (PIR): ø 9.5 m from a height of 3 m<br>• Ambient temperature: -10 – +50 °C<br>• Mounting method: flush-mounting<br>• Drill diameter: 30 mm<br>• Mounting height: 2 – 3 m<br>• Usage: for indoor use only<br>• Dimensions (HxWxD): 36 x 36 x 62.6 mm<br>• Dimensions visible (HxWxD): 36 x 36 x 13.3 mm<br>• Weight: 62 g<br>• Protection degree: IP65<br>• Marking: CE |