Chapter 5
Detectors

5

niko

230 V outdoor

In this chapter:

- outdoor detectors
- twilight switches
- daylight control modules

	Article number	Description
	351-03160	Outdoor motion detector, 200°, 230 V, 11 m
	351-03165	Outdoor motion detector, 200°, 230 V, 11 m, black
	351-03170	Outdoor motion detector, 200°, 230 V, 11 m, alu
	351-03140	Outdoor motion detector 140°, 230 V, 11 m
	351-03145	Outdoor motion detector 140°, 230 V, 11 m, black
	351-26450	Outdoor motion detector Swiss Garde, 200°, 230 V, 14 m
	351-26470	Outdoor motion detector Swiss Garde, 200°, 230 V, 14 m, black
	351-26480	Outdoor motion detector Swiss Garde, 200°, 230 V, 14 m, alu
	350-20058	Outdoor motion detector, 180°, 230 V, 16 m
	350-20158	Outdoor motion detector, 180°, 230 V, 13 m, black
	350-20050	Outdoor motion detector, 180°, 230 V, 16 m, with orientable lens
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	351-26550	Swiss Garde outdoor motion detector, 120°, 230 V, 16 m
	351-26552	Swiss Garde outdoor motion detector, 120°, 230 V, 16 m, black
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	351-26562	Swiss Garde outdoor motion detector, 240°, 230 V, 16 m, black
	351-26570	Swiss Garde outdoor motion detector, 300°, 230 V, 16 m
	351-26572	Swiss Garde outdoor motion detector, 300°, 230 V, 16 m, black
	350-10030	Twilight switch, 230 V, one channel, 10 A, 2-200 lux
	350-10033	Twilight switch, 230 V, one channel, 16 A, 3-300 lux
	350-10032	Twilight switch, 24 V, one channel, 4 A, 2-200 lux
	360-36194	Daylight control module with twilight switch, 3-300 lux
	360-35010	Daylight control module with combination of light, movement and time

Master/Secondary	Protection degree	Number of channels/number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m	Outdoor: at a height of 2.5 m	Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Commissioning method 3	Page
-	IP44	1 ch	200°	2-4 m	11 m			-	-	On the device	5.A-1
-	IP44	1 ch	200°	2-4 m	11 m			-	-	On the device	5.A-1
-	IP44	1 ch	200°	2-4 m	11 m			-	-	On the device	5.A-1
-	IP44	1 ch	140°	2-4 m	11 m			-	-	On the device	5.A-1
-	IP44	1 ch	140°	2-4 m	11 m			-	-	On the device	5.A-1
-	IP55	1 ch	200°	2-8 m	14 m			App	Remote control	On the device	5.A-2
-	IP55	1 ch	200°	2-8 m	14 m			App	Remote control	On the device	5.A-2
-	IP55	1 ch	200°	2-8 m	14 m			App	Remote control	On the device	5.A-2
-	IP54	1 ch	180°	2-3 m	16 m			-	-	On the device	5.A-2
-	IP54	1 ch	180°	2-3 m	13 m			-	-	On the device	5.A-3
-	IP54	1 ch	180°	2-3 m	16 m			-	-	On the device	5.A-3
-	IP54	1 ch	180°	2-3 m	13 m			-	-	On the device	5.A-4
-	IP54	1 ch	120°	2-5 m	16 m			App	Remote control	On the device	5.A-5
-	IP54	1 ch	120°	2-5 m	16 m			App	Remote control	On the device	5.A-5
-	IP54	1 ch	240°	2-5 m	16 m			App	Remote control	On the device	5.A-6
-	IP54	1 ch	240°	2-5 m	16 m			App	Remote control	On the device	5.A-6
-	IP54	1 ch	240°	2-5 m	16 m			App	Remote control	On the device	5.A-6
-	IP54	1 ch	300°	2-5 m	16 m			App	Remote control	On the device	5.A-7
-	IP54	1 ch	300°	2-5 m	16 m			App	Remote control	On the device	5.A-7
-	IP54	1 ch	-	-	-			-	-	On the device	5.A-7
-	IP54	1 ch	-	-	-			-	-	On the device	5.A-8
-	IP54	1 ch	-	-	-			-	-	On the device	5.A-8
-	IP54/IP20	1 ch	-	-	-			-	-	On the device	5.A-8
-	IP20	1 ch	-	-	-			-	-	On the device	5.A-9

Outdoor motion detector, 200°, 230 V, 11 m

This 1-channel outdoor motion detector is suitable for use in a driveway or garden. The detection range is 12 metres. The detection area can be divided using an adjustable cover mask. The motion sensor can be horizontally aimed. The device has a built-in light sensor and switches the lighting on automatically or manually with an NC push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically.

- Dimensions (HxWxD): 70 x 100 x 100 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps ($\cos\varphi = 1$): 1000 W
  - Maximum load fluorescent lamps ($\cos\varphi \geq 0,5$): 500 VA
  - Maximum load low voltage halogen lamps: 500 W

  - Maximum load economy lamps (CFLi): 100 W
  - Maximum load LED lamps 230 V: 100 W
- Detection angle: 200°
- Light intensity range: 5 lux – 1000 lux
- Switch-off delay: pulse, 30 s – 15 min
- Protection degree: IP44
- Mounting height: 2 – 4 m
- Ambient temperature: -20 – +55 °C

351-03170: Available until the end of the second quarter of 2022 and afterwards until the end of stock.

COMPLETE UNIT

	351-03160	Pieces: 1	Detector, white
	351-03165	Pieces: 1	Detector, black
	351-03170	Pieces: 1	Detector, alu

Outdoor motion detector 140° 230 V AC, 12 m

This outdoor motion detector is suitable for use in a driveway or garden. The detection range is 12 metres. The detection area can be divided using an adjustable cover mask. The motion sensor can be horizontally aimed. The device has a built-in light sensor and switches the lighting on automatically or manually with an NC push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically.

- Dimensions (HxWxD): 70 x 100 x 100 mm
- Dimensions visible (HxWxD): 70 x 100 mm
- Input voltage: 230 Vac ± 10 %, 50 – 60 Hz
- Number of channels: 1 channel
  - Maximum load incandescent and halogen lamps ($\cos\varphi = 1$): 1000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W
  - Maximum load LED lamps 230 V: 100 W

  - Detection angle: 140 °
- Detection range (PIR): half circle, up to 11 m in diameter from a height of 3 m
- Response value luminosity: 5 lux – 1000 lux
- Switch-off delay: 30 s – 15 m
- Protection degree: IP44
- Mounting height: 2 – 4 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +55 °C

Available until the end of the second quarter of 2022 and afterwards until the end of stock.

COMPLETE UNIT

	351-03140	Pieces: 1	Detector, white
	351-03145	Pieces: 1	Detector, black

Outdoor motion detector Swiss Garde 200°, 230 V, 14 m

This outdoor motion detector with a detection range of 14 metres is suitable for use along driveways, under carports or in the garden. The motion detector can be mounted onto the ceiling or the wall and can be aimed upwards, downwards, left and right. The device has a built-in light sensor and switches the lighting automatically. After the pre-set time delay, the light is switched off automatically. The detector can be configured both manually and by remote control.

- Dimensions (HxWxD): 74 x 70 x 106 mm
- Dimensions visible (HxWxD): 74 x 70 x 106 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1150 W
  - Maximum load economy lamps (CFLi): 350 W

   - Maximum load LED lamps 230 V: 350 W
- Detection angle: 200°
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP55
- Mounting height: 2 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -30 – +55 °C

COMPLETE UNIT

	351-26450	Pieces: 1	Detector, white
	351-26470	Pieces: 1	Detector, black
	351-26480	Pieces: 1	Detector, alu

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	351-25320	Pieces: 1	IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

	351-25310	Pieces: 1	IR remote control for users

Outdoor motion detector, 180°, 230 V, 16 m

The outdoor motion detector with one channel to be surface mounted on a wall or partition is suitable for use on driveways and in gardens. Equipped with an integrated light sensor. Automatic on/off (after switch-off delay) or manual on/off via an NC push button (to be ordered separately). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 125 x 72 x 63 mm
- Dimensions visible (HxWxD): 125 x 72 x 63 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 180°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 – ∞ lux
- Switch-off delay: 8 s – 30 min
- Protection degree: IP54
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

	350-20058	Pieces: 1	Detector

Outdoor motion detector, 180°, 230 V, 13 m, black

The outdoor motion detector with one channel to be surface mounted on a wall or partition is suitable for use on driveways and in gardens. Equipped with an integrated light sensor. Automatic on/off (after switch-off delay) or manual on/off via an NC push button (to be ordered separately). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 125 x 72 x 63 mm
- Dimensions visible (HxWxD): 125 x 72 x 63 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 180°
- Detection range (PIR): up to 13 m in diameter from a height of 3 m
- Light intensity range: 5 – ∞ lux
- Switch-off delay: 8 s – 30 min
- Protection degree: IP54
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

	350-20158	Pieces: 1	Detector

Outdoor motion detector, 180°, 230 V, 16 m, with orientable lens

One-channel outdoor motion detector for use along driveways, in gardens, ... Provided with an integrated light sensor. Automatically on or manually on via a NC push button (230 V) (to be ordered separately). Automatically off after switch-off delay. Provided with a rotatable motion sensor. The detection area can be subdivided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 70 x 90 x 130 mm
- Dimensions visible (HxWxD): 70 x 90 x 130 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

- Maximum capacitive load: 140 μF
- Maximum switching current: 80 A/20 ms
- Detection angle: 180°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 – ∞ lux
- Switch-off delay: 8 s – 30 min
- Protection degree: IP54
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

	350-20050	Pieces: 1	Detector

ACCESSORY

	390-20050	Pieces: 1	Ceiling mounting bracket

Outdoor motion detector, 180°, 230 V, 13 m, with orientable lens, black

One-channel outdoor motion detector for use along driveways, in gardens, ... Provided with an integrated light sensor. Automatically on or manually on via a NC push button (230 V) (to be ordered separately). Automatically off after switch-off delay. Provided with a rotatable motion sensor. The detection area can be subdivided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 70 x 90 x 130 mm
- Dimensions visible (HxWxD): 70 x 90 x 130 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 180°
- Detection range (PIR): up to 13 m in diameter from a height of 3 m
- Light intensity range: 5 – ∞ lux
- Switch-off delay: 8 s – 30 min
- Protection degree: IP54
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

	350-20150	Pieces: 1	Detector

ACCESSORY

	390-20150	Pieces: 10	Ceiling mounting bracket, black

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5.D
5.E
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The most recent information can be found at www.niko.eu

Swiss Garde outdoor motion detector, 120°, 230 V, 16 m

This outdoor motion detector, which is not activated by pets, is perfectly suitable for every detection around the house. The detection range is 16 meters. The motion sensor can be precisely aimed, both horizontally (left, right) and vertically (high, low). The device has a built-in light sensor and switches the lighting on automatically or manually with a N.O. push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically. This detector can be configured both manually and by remote control.

- Dimensions (HxWxD): 112 x 105 x 148 mm
- Dimensions visible (HxWxD): 112 x 105 x 148 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO 8.7 A
  - Maximum load incandescent and halogen lamps ($\cos\varphi = 1$): 2000 W
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W

  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 120°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 m
- Protection degree: IP54
- Mounting height: 2 – 5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

Available until the end of the second quarter of 2022 and afterwards until the end of stock.

COMPLETE UNIT

	351-26550	Pieces: 1	Detector, white
	351-26552	Pieces: 1	Detector, black

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	351-25320	Pieces: 1	IR remote control for installers

ACCESSORY – MOUNTING BRACKET FOR CORNERS

	351-10170	Pieces: 1	Mounting bracket for corners, white
	351-10171	Pieces: 1	Mounting bracket for corners alu
	351-10172	Pieces: 1	Mounting bracket for corners, black

Swiss Garde outdoor motion detector, 240°, 230 V, 16 m

This outdoor motion detector, which is not activated by pets, is perfectly suitable for every light switch around the house. The detection range is 16 meters. The motion sensor can be precisely aimed, both horizontally (left, right) and vertically (high, low). The device has a built-in light sensor and switches the lighting on automatically or manually with a N.O. push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically. This detector can be configured both manually and by remote control.

- Dimensions (HxWxD): 112 x 105 x 148 mm
- Dimensions visible (HxWxD): 112 x 105 x 148 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO 8.7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load fluorescent lamps (cosφ ≥ 0.5): 1000 VA
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W

  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 240°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 m
- Protection degree: IP54
- Mounting height: 2 – 5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

351-26561: Available until the end of the second quarter of 2022 and afterwards until the end of stock.

COMPLETE UNIT

	351-26560	Pieces: 1	Detector, whte
	351-26561	Pieces: 1	Detector, alu
	351-26562	Pieces: 1	Detector, black

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 351-25320 | Pieces: 1 | IR remote control for installers |

ACCESSORY – MOUNTING BRACKET FOR CORNERS

	351-10170	Pieces: 1	Mounting bracket for corners, white
	351-10171	Pieces: 1	Mounting bracket for corners alu
	351-10172	Pieces: 1	Mounting bracket for corners, black

Swiss Garde outdoor motion detector, 300°, 230 V, 16 m

This outdoor motion detector, which is not activated by pets, is perfectly suitable for every light switch around the house. The detection range is 16 meters. The motion sensor can be precisely aimed, both horizontally (left, right) and vertically (high, low). The device has a built-in light sensor and switches the lighting on automatically or manually with a N.O. push button (to be ordered separately). After the pre-set time delay, the light is switched off automatically. This detector can be configured both manually and by remote control.

- Dimensions (HxWxD): 112 x 105 x 148 mm
- Dimensions visible (HxWxD): 112 x 105 x 148 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO 8,7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load fluorescent lamps (cosφ ≥ 0,5): 1000 VA
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W

  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 300°
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 m
- Protection degree: IP54
- Mounting height: 2 – 5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT

	351-26570	Pieces: 1	Detector, white
	351-26572	Pieces: 1	Detector, black

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	351-25320	Pieces: 1	IR remote control for installers

ACCESSORY – MOUNTING BRACKET FOR CORNERS

	351-10170	Pieces: 1	Mounting bracket for corners, white
	351-10171	Pieces: 1	Mounting bracket for corners alu
	351-10172	Pieces: 1	Mounting bracket for corners, black

Twilight switch, 230 V, one channel, 10 A, 2 - 200 lux

Twilight switch for outdoor wall mounting (IP54). Suitable for switching outdoor lighting. Large sensor surface for accurate light measuring. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 103 x 73 x 47 mm
- Dimensions visible (HxWxD): 103 x 73 x 47 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 3000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W

  - Maximum load LED lamps 230 V: 350 W
  - Maximum load low-pressure sodium/mercury lamps: 1500 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Light intensity range: 2 lux – 200 lux
- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -50 – +50 °C

COMPLETE UNIT

	350-10030	Pieces: 1	Twilight switch

Twilight switch, 230 V, one channel, 16 A, 3 - 300 lux

The twilight switch for outdoor wall mounting is suitable for controlling outdoor lighting (gardens, car parks, outdoor areas and footpaths).
In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 95 x 68 x 38 mm
- Dimensions visible (HxWxD): 95 x 68 x 38 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO, μ16 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 500 W

  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Light intensity range: 3 lux – 300 lux
- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -50 – +50 °C

COMPLETE UNIT

350-10033	Pieces: 1	Twilight switch

Twilight switch, 24 V, one channel (4 A)

Twilight switch for outdoor wall mounting (IP54), suitable for switching outdoor lighting. Light sensitivity adjustable from 2 to 200 lux.
Large sensor surface for accurate light measuring. In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 24 Vac/Vdc ± 10 %
- Number of channels: 1 channel
- Relay contact 1: NO (max. μ4 A), potential-free
- Light intensity range: 2 lux – 200 lux

- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -50 – +50 °C

COMPLETE UNIT

350-10032	Pieces: 5	Twilight switch

Daylight control module with twilight switch, 230 V, 3 - 300 lux

Daylight control module with twilight switch is durable and functional. It is a complete set containing the daylight control module and twilight switch. The daylight control module is suitable for car parks, outdoor areas, footpaths… The lighting is switched on automatically once the light level is below the preset level (standard setting: 35 lux). In the morning the lighting switches off automatically once the set lux level is exceeded by 10 %. The lux level is easy to set using the potentiometer on the daylight control module. There is a double cable connecting the daylight control module and the twilight switch.

- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO. (max. μ16 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 3000 W
  - Maximum load economy lamps (CFLi): 1000 W

- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Light intensity range: 3 lux – 300 lux
- Ambient temperature: -5 – 50 °C

COMPLETE UNIT

360-36194	Pieces: 1	Daylight control module

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Daylight control module with combination of light, movement and time

Energy-saving thanks to an optimum use of lighting. Modular lighting control to be used in combination with a photo cell and motion detector(s). Automatically switching on depending on the measured daylight level and motion detection. Automatically switching off in case of sufficient daylight or after a switch-off delay. Optional control via an NO push button (to be ordered separately). Suitable for indoor and outdoor applications.

- power supply voltage: 230 Vac ± 10%, 50 Hz
- dimensions (2 DIN rail modules) (HxWxD): 90 x 35 x 55 mm
- relay contact: NO (max. μ10 A)
  - incandescent lamps: 2300 W
  - 230 V halogen lamps: 23300 W
  - all low-voltage halogen lamps: 1200 VA
  - fluorescent lamps (non-compensated): 1200 VA
  - maximum capacitive load: 140 μF

  - maximum switching current: 165 A/20 ms or 800 A/200 μs
- secondary voltage: 24 Vdc ± 10%, max. 40 mA, no short circuit protection
- Light intensity range: 3 - 300 lux, 30 - 3 klux, 300 - 30 klux
- hysteresis on luminosity: + 10%
- switch-off delay: 0 - 60 min
- protection degree: IP20
- ambient temperature: 5 - +50 °C

COMPLETE UNIT

360-35010   Pieces: 1   Lighting control module

Universal remote control for smartphone

Niko has developed a universal remote control for all Niko detectors which can be adjusted remotely. It consists of 2 components:
- The free Niko detector tool app, to be downloaded on your smartphone or tablet (both iOS and Android).
- The universal remote control, to be connected to the audio input of your smartphone.

Advantages:
- You only need one remote control for all installed detectors.
- The app explains step by step how to program and control each detector.
- You can immediately test the detector while walking through the room.
- The difficult configurations (such as daylight control) can be saved, to prevent the loss of data.

For most new detectors you can choose between manual set-up or via remote control. The detector always makes use of the most recent settings. The app provides easy access to all product information.

Important points:
- Ensure that the sound volume of your smartphone is sufficiently loud.
- Operates with android version 4.4 and IOS v8 or higher.

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936   Pieces: 1   Universal remote control for smartphone

230 V motion

In this chapter:

- wall motion detectors
- ceiling motion detectors
- motion detectors for corridors
- motion detectors high frequency

	Article number	Description
	xxx-7801x	Wall motion detector, 180°, 230 V, 9 m
	351-25340	Swiss Garde motion detector, 360°, 230 V, 14 m, for flush-mounting box
	351-25065	Swiss Garde motion detector, 360°, 230 V, 26 m, for flush-mounting box
	351-25050	Swiss Garde motion detector, 360°, 230 V, 26 m, for surface mounting, IP55
	350-500111	Motion detector for corridors, 360°, 230 V, 40 m, for flush-mounting box
	351-27360	Motion detector high frequency, 360°, 230 V, 10 m, for flush-mounting box

Master/Secondary	Protection degree	Number of channels/ Number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Commissioning method 3	Page
-	IP40	1 ch	180°	0.8-1.2 m	9 m	-	-	On the device	5.B-1
-	IP20	1 ch	360°	2-6 m	14 m	App	Remote control	On the device	5.B-1
-	IP20	1 ch	360°	2-8 m	26 m	App	Remote control	On the device	5.B-2
-	IP55	1 ch	360°	2-8 m	26 m	App	Remote control	On the device	5.B-3
-	IP20	1 ch	360°	2-2,5 m	40 m	-	Remote control	On the device	5.B-3
-	IP20	1 ch	360°	2-4 m	10 m	-	-	On the device	5.B-4

Wall motion detector, 180°, 230 V, 9 m

This motion detector is used for LED, economy lamps, 230 V halogen lamps, low voltage halogen lamps and fluorescent lamps. For indoor use only.

- switch-off delay: ± 1 - 30 min
- Light intensity range: ± 10 - 1000 lux
- mounting height: 0.8 – 1.2 m
- relay contact : NO. (max μ10 A)
  - incandescent lamps: 2300 W
  - 230 V halogen lamps: 2300 W
  - low-voltage halogen lamps: 500 VA
  - (non-compensated) fluorescent lamps: 500 VA

  - LED lamps 230 V and economy lamps (CFLi): 350 W
- detection angle: horizontal 180°, vertical 60°
- detection range: 8 - 9 m
- connection terminals: 2 x 1.5 mm^2 or 1 x 2.5 mm^2
- connection possibility for an external push button or switch
- may be used as master or as secondary detector in case of several detection points per lighting circuit

COMPLETE UNIT FOR CLAW FIXING

	100-78010	Pieces: 6		101-78010	Pieces: 6		102-78010	Pieces: 6
	104-78010	Pieces: 6		121-78010	Pieces: 6		122-78010	Pieces: 6
	123-78010	Pieces: 6		124-78010	Pieces: 6		154-78010	Pieces: 6
	157-78010	Pieces: 6		161-78010	Pieces: 6		200-78010	Pieces: 6
	220-78010	Pieces: 6		221-78010	Pieces: 6			

COMPLETE UNIT FOR SCREW FIXING

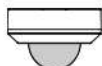|								
	100-78011	Pieces: 6		101-78011	Pieces: 6		102-78011	Pieces: 6
	104-78011	Pieces: 6		121-78011	Pieces: 6		122-78011	Pieces: 6
	123-78011	Pieces: 6		124-78011	Pieces: 6		154-78011	Pieces: 6
	157-78011	Pieces: 6		161-78011	Pieces: 6		200-78011	Pieces: 6
	221-78011	Pieces: 6						

Swiss Garde motion detector, 360°, 230 V, 14 m, for flush-mounting box

The motion detector with one channel for flush mounting in ceilings is suitable for switching indoor lighting on and off. You can always activate the light with a NO push button (230 Vac) (to be ordered separately). The detector is equipped with an integrated light sensor.

- Dimensions (HxWxD): 105 x 105 x 71 mm
- Dimensions visible (HxWxD): 105 x 105 x 35 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1150 W
  - Maximum load economy lamps (CFLi): 350 W

  - Maximum load LED lamps 230 V: 350 W
- Detection angle: 360°
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

	351-25340	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	351-25320	Pieces: 1	IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

	351-25310	Pieces: 1	IR remote control for users

ACCESSORY – SURFACE-MOUNTING BOX

	351-25420	Pieces: 1	Round surface-mounting box

Motion detector Swiss Garde 360°, 230 V, 26 m, for flush-mounting box

The motion detector with one channel for flush-mounting in ceilings is suitable for switching indoor lighting on and off. You can always activate the light with a NO push button (230 Vac) (to be ordered separately). The detector is equipped with an integrated light sensor.

- Dimensions (HxWxD): 105 x 105 x 86 mm
- Dimensions visible (HxWxD): 105 x 105 x 50 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load fluorescent lamps (cosφ ≥ 0.5): 1150 VA
  - Maximum load low voltage halogen lamps: 1150 W
  - Maximum load economy lamps (CFLi): 350 W

  - Maximum load LED lamps 230 V: 350 W
- Detection angle: 360°
- Detection range (PIR): max. 26 m from 8 m height
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP20
- Mounting height: 2 – 8 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

	351-25065	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	351-25320	Pieces: 1	IR remote control for installers

ACCESSORY – MINI REMOTE CONTROL FOR USERS

	351-25310	Pieces: 1	IR remote control for users

ACCESSORY – SURFACE-MOUNTING BOX

	351-25420	Pieces: 1	Round surface-mounting box

5.A
5.B
5.C
5.D
5.E
5.F
5.G

The most recent information can be found at www.niko.eu

Swiss Garde motion detector, 360°, 230 V, 26 m, for surface mounting, IP55

The motion detector with one channel for surface mounting on ceilings is suitable for switching indoor lighting on and off. The detector is equipped with an integrated light sensor.

- Dimensions (HxWxD): 125 x 125 x 75 mm
- Dimensions visible (HxWxD): 125 x 125 x 75 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1150 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

- Detection angle: 360°
- Detection range (PIR): up to 26 m in diameter from a height of 8 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP55
- Mounting height: 2 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +55 °C

COMPLETE UNIT

| | 351-25050 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 351-25320 | Pieces: 1 | IR remote control for installers |

ACCESSORY – MINI REMOTE CONTROL FOR USERS

| | 351-25310 | Pieces: 1 | IR remote control for users |

Motion detector for corridors 360°, 230 V, 40 m, for flush-mounting box

The one channel corridor motion detector is suitable for automatic indoor lighting control (on/off). It can be installed in a flush-mounting box in the ceiling. Flush-mounting box with springs and an IP54 surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 105 x 105 x 60 mm
- Dimensions visible (HxWxD): 105 x 105 x 38 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Maximum power consumption: 0.5 W
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load fluorescent lamps (cos$\varphi \geq$ 0.5): 1200 VA
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 800 VA

  - Maximum load LED lamps 230 V: 300 W
  - Maximum load LED driver: 800 VA
- Maximum capacitive load: 140 μF
- Detection angle: 360°
- Light intensity range: 10 lux – 2000 lux, ∞
- Switch-off delay: pulse, 30 s – 30 min
- Protection degree: IP20
- Mounting height: 2 – 2.5 m
- Mounting method: flush-mounting box
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

| | 350-500111 | Pieces: 1 | Detector |

ACCESSORY – FLUSH-MOUNING BOX WITH SPRING CLIPS

| | 350-991999 | Pieces: 1 | Flush-mounting box with spring clips |

ACCESSORY – IP54 SURFACE-MOUNTING BOX

| | 350-992901 | Pieces: 1 | Surface-mounting box for 35 m detector for corridors |

ACCESSORY – IR REMOTE CONTROL

| | 351-25320 | Pieces: 1 | IR remote control for installers |

Motion detector high frequency, 360°, 230 V, 10 m, for flush-mounting

The HF motion detector with one channel for flush-mounting is suitable for switching indoor lighting on and off. You can always activate the light with a NO push button (230 Vac) (to be ordered separately). The detector is equipped with an integrated light sensor.

- Dimensions (HxWxD): 35 x 52 x 90 mm
- Dimensions visible (HxWxD): 35 x 52 x 90 mm
- Input voltage: 230 Vac ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: 4.35 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 1000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W

  - Maximum load LED lamps 230 V: 100 W
- Detection angle: 360°
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: 10 s – 5 min
- Protection degree: IP20
- Mounting height: 2 – 4 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +70 °C

COMPLETE UNIT

351-27360	Pieces: 1	Detector	

Universal remote control for smartphone

Niko has developed a universal remote control for all Niko detectors which can be adjusted remotely. It consists of 2 components:
- The free Niko detector tool app, to be downloaded on your smartphone or tablet (both iOS and Android).
- The universal remote control, to be connected to the audio input of your smartphone.

Advantages:
- You only need one remote control for all installed detectors.
- The app explains step by step how to program and control each detector.
- You can immediately test the detector while walking through the room.
- The difficult configurations (such as daylight control) can be saved, to prevent the loss of data.

For most new detectors you can choose between manual set-up or via remote control. The detector always makes use of the most recent settings. The app provides easy access to all product information.

Important points:
- Ensure that the sound volume of your smartphone is sufficiently loud.
- Operates with android version 4.4 and IOS v8 or higher.

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936	Pieces: 1	Universal remote control for smartphone	

230 V presence

In this chapter:

- (mini) presence detectors
- presence detectors dual tech, master, secondary or stand-alone
- presence or absence detectors, master, secondary or stand-alone

	Article number	Description
	350-20085	Mini presence detector, 360°, 230 V, 9 m, for flush mounting, IP65
	350-20065	Presence detector dual tech, 360°, 230 V, 19 m, master, for flush-mounting box
	350-20066	Presence detector dual tech, 360°, 230 V, 19 m, secondary, for flush-mounting box
	351-25475	Presence detector dual tech, 360°, 230 V, 40 m, for surface mounting, IP54
	350-41600	Flat presence or absence detector, 360°, master, 1 channel, 12 m, for flush mounting
	350-41601	Flat presence or absence detector, 360°, secondary, 1 channel, 12 m, for flush mounting
	350-41620	Flat presence or absence detector, 360°, master, with 2 potential-free contacts, 12 m, for flush mounting
	350-20056	Presence or absence detector, 360°, one channel (10 A), for flush mounting
	351-25457	Presence or absence detector, 360°, master or stand-alone, 230V, 1 channel, 14 m, for flush mounting
	351-25459	Presence or absence detector, 360°, secondary, 230V, 14 m, for flush mounting
	350-20070	Presence or absence detector, 360°, 230 V, 24 m, master, one channel, for flush mounting
	350-20071	Presence or absence detector, 360°, 230 V, 24 m, secondary, for flush mounting
	350-20078	Presence or absence detector, 360°, 230 V, 24 m, master, one channel, for surface mounting
	350-20079	Presence or absence detector, 360°, 230 V, 24 m, secondary, for surface mounting
	350-20082	Presence or absence detector, 360°, 230V, 24 m, master, two channels, for surface mounting
	350-20072	Presence or absence detector, 360°, 230V, 24 m, master, two channels, for flush mounting
	351-25467	Presence or absence detector, 360°, 230V, 26 m, master or stand-alone, 1 channel, for flush mounting
	351-25469	Presence or absence detector, 360°, 230V, 26 m, secondary, for flush mounting
	350-20080	Presence or absence detector, 360°, 230 V, 32 m, master, one channel, for surface mounting on high ceilings
	350-20081	Presence or absence detector, 360°, 230 V, 32 m, secondary, for surface mounting on high ceilings
	351-25451	Presence or absence detector 360°, master or stand-alone, 230V AC, 1 channel potential-free, 16 m, flush-mounting, square
	351-25463	Presence or absence detector 360°, master or stand-alone, 230V AC, 1 channel potential-free, 16 m, flush-mounting, round
	350-20054	Presence detector, 360°, 230 V, 20 m, for surface mounting

Master/Secondary	Protection degree	Number of channels/ number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Commissioning method 3	Page
-	IP65	1 ch	360°	2-3 m	9 m	App	Remote control	-	5.C-1
Master	IP20	1 ch	360°	2-3 m	19 m	-	Remote control	On the device	5.C-1
Secondary	IP20	-	360°	2-3 m	19 m	-	Remote control	On the device	5.C-2
Master	IP54	1 ch	360°	2-4 m	40 m	App	Remote control	On the device	5.C-2
Master	IP20	1 ch	360°	2.4-3 m	12 m	App	Remote control	-	5.C-3
Secondary	IP20	-	360°	2.4-3 m	12 m	App	-	-	5.C-3
-	IP20	2 ch	360°	2.4-3 m	12 m	App	Remote control	-	5.C-4
-	IP20	1 ch	360°	2.5-4 m	12 m	App	Remote control	-	5.C-5
Master	IP20	1 ch	360°	2-6 m	14 m	App	Remote control	On the device	5.C-6
Secondary	IP20	-	360°	2-6 m	14 m	-	-	On the device	5.C-6
Master	IP20	1 ch	360°	2-3.4 m	24 m	App	Remote control	On the device	5.C-7
Secondary	IP54	-	360°	2-3.4 m	24 m	-	-	On the device	5.C-7
Master	IP54	1 ch	360°	2-3.4 m	24 m	App	Remote control	On the device	5.C-8
Secondary	IP54	-	360°	2-3.4 m	24 m	-	-	On the device	5.C-8
Master	IP54	2 ch	360°	2-3.4 m	24 m	App	Remote control	On the device	5.C-9
Master	IP54	2 ch	360°	2-3.4 m	24 m	App	Remote control	On the device	5.C-9
Master	IP20	1 ch	360°	2-8 m	26 m	App	Remote control	On the device	5.C-10
Secondary	IP20	-	360°	2-8 m	26 m	-	Remote control	On the device	5.C-10
Master	IP54	1 ch	360°	4-8 m	32 m	App	Remote control	On the device	5.C-11
Secondary	IP54	-	360°	4-8 m	32 m	-	-	On the device	5.C-11
Master	IP20	1 ch	360°	2-6 m	16 m	-	Remote control	On the device	5.C-12
Master	IP20	1 ch	360°	2-6 m	16 m	-	Remote control	On the device	5.C-13
-	IP20	1 ch	360°	2.5-3.4 m	20 m	-	-	On the device	5.C-14

Mini presence detector, 360°, 230 V, 9 m, for flush mounting, IP65

The mini presence detector with one channel and daylight control for flush mounting in ceilings is suitable for switching indoor lighting on and off. The mini detector is equipped with an integrated light sensor. Automatic on/off (presence detector). Thanks to its compact dimensions and design, the mini detector is discreetly present in the room. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 36 x 36 x 49.3 mm
- Dimensions visible (HxWxD): 36 x 36 x 13.3 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 30 mm
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360°
- Detection range (PIR): 9.5 m from a height of 3 m
- Light intensity range: 20 lux – 1000 lux
- Switch-off delay: pulse, 2 min – 1 h
- Protection degree: IP65
- Mounting height: 2 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

	350-20085	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	350-20090	Pieces: 5	IR remote control for installers

Presence detector dual tech, 360°, 230 V, 19 m, master, for flush-mounting box

Intelligent presence detector for ceiling mounting in offices. Suitable for switching indoor lighting. Rapid detection of even the slightest movements, thanks to passive infrared (PIR) and ultrasonic (US) technology. Presence detection behind office partitions by means of US detection. Equipped with an integrated light sensor. For surface- or flush mounting.

- Dimensions (HxWxD): 120 x 120 x 60 mm
- Dimensions visible (HxWxD): 120 x 120 x 34 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO, μ10 A, potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
- Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360°
- Detection range (PIR): 9.5 m from a height of 3 m
- Detection range (US): 12 x 19 m
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 m – 30 min
- Protection degree: IP20
- Mounting height: 2 – 3 m
- Mounting method: flush-mounting box
- Ambient temperature: 0 – +45 °C

COMPLETE UNIT

	350-20065	Pieces: 1	Detector

ACCESSORY – IR REMOTE CONTROL

	350-20067	Pieces: 1	IR remote control unit

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

	390-20057	Pieces: 1	Flush-mounting box with spring terminals

Presence detector dual tech, 360°, 230 V, 19 m, secondary, for flush-mounting box

Intelligent presence detector for ceiling mounting in offices. Suitable for switching indoor lighting. Fast detection, up to the slightest movements, by passive infrared technology (PIR) and ultrasonic technology (US). Presence detection behind office walls by means of US detection. Only operates in combination with master 350-20065. The detection area can be divided by means of an adjustable cover mask.

- Dimensions (HxWxD): 120 x 120 x 60 mm
- Dimensions visible (HxWxD): 120 x 120 x 34 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Detection angle: 360°
- Detection range (PIR): 9.5 m from a height of 3 m

- Detection range (US): 12 x 19 m
- Protection degree: IP20
- Mounting height: 2 – 3 m
- Mounting method: flush-mounting box
- Ambient temperature: 0 – +45 °C

COMPLETE UNIT

| | 350-20066 | Pieces: 1 | Detector |

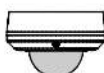**ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066**

| | 390-20057 | Pieces: 1 | Flush-mounting box with spring terminals |

Presence detector dual tech, 360°, 230 V, 40 m, for surface mounting, IP54

Stand-alone intelligent presence detector for ceiling mounting, ideal for offices. Suitable for switching indoor lighting. Rapid detection of even the slightest movements, thanks to passive infrared (PIR) and High Frequency (HF) technology. Presence detection behind office partitions by means of HF detection. The detector offers 5 possible combinations of the 2 technologies. Equipped with an integrated light sensor.

- Dimensions (HxWxD): 83 x 130 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO 8.7 A
  - Maximum load incandescent and halogen lamps ($\cos\varphi=1$): 2000 W
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W
  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 360°

- Detection range (PIR): up to 40 m in diameter from a height of 3 m
- Detection range (HF): up to 12 m in diameter from a height of 4 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: pulse, 10 s – 20 min
- Protection degree: IP54
- Mounting height: 2 – 4 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

| | 351-25475 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 351-25320 | Pieces: 1 | IR remote control for installers |

5.A
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Flat presence or absence detector, 360°, master, 1 channel, 12 m, for flush mounting

1 channel detector for flush mounting in ceilings. Stand-alone or as master combinable with a maximum of 20 secondary detectors (350-41601). It can be easily installed and mounted thanks to spring clips. The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. For use in small rooms, offices, storage spaces … The detector can be used as a presence detector (automatic on/off) or absence detector (manual on/automatic off).

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 77 mm
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Light intensity range: 50 lux – 1000 lux
- Switch-off delay: 5 m – 1 h
- Protection degree: IP20
- Mounting height: 2,4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41600	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934	Pieces: 1	IR-remote control for users

Flat presence or absence detector, 360°, secondary, 1 channel, 12 m, for flush mounting

This secondary detector operates in conjunction with references 350-41600, 350-41620.
Simple installation and easy mounting thanks to spring clips. The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. The secondary detector follows the settings of the master.

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 77 mm
- Detection angle: 360 °

- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

350-41601	Pieces: 1	Detector

Flat presence or absence detector, 360°, master, with 2 potential-free contacts, 12 m, for flush mounting

Stand-alone or as master combinable with a maximum of 20 secondary detectors (350-41601). The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. It can be easily installed and mounted thanks to spring terminals. Particularly suitable for the switching of installations with 3 phases where the light circuits need to be distributed to several circuit breakers for safety reasons. For use in offices, schools, conference rooms. The two contacts are always controlled simultaneously.

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 2 channels
- Drill diameter: 77 mm
- Relay contact 1: NO (max. μ10 A), potential-free
- Relay contact 2: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W

  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Light intensity range: 50 lux – 1000 lux
- Switch-off delay: 5 m – 30 m
- Protection degree: IP20
- Mounting height: 2,4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

| | 350-41620 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-41934 | Pieces: 1 | IR-remote control for users |

Presence or absence detector, 360°, one channel (10 A), for flush mounting

The presence or absence detector with one channel and daylight control for flush mounting in ceilings is suitable for switching indoor lighting on and off. Equipped with an integrated light sensor. Automatic on/off (after switch-off delay) or manual on/off via an NO push button (230 Vac) (to be ordered separately). In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load fluorescent lamps (cos$\varphi \geq 0,5$): 1200 VA
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 3.5 – 12 m
- Light intensity range: 30 lux – 2000 lux
- Switch-off delay: 5 s – 30 m
- Protection degree: IP20
- Mounting height: 2.5 – 4 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | **350-20056** | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | **350-41936** | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | **350-20057** | Pieces: 1 | IR remote control for installers |

ACCESSORY – SURFACE-MOUNTING BOX

| | **390-20056** | Pieces: 1 | Mounting box |

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

| | **390-20057** | Pieces: 1 | Flush-mounting box with spring terminals |

Presence or absence detector, 360°, master or stand-alone, 230 V, 1 channel, 14 m, for flush mounting

The presence or absence detector with one channel for flush mounting in ceilings is suitable for switching the indoor lighting on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector) via a NO push button (230 Vac) (to be ordered separately).

- Dimensions (HxWxD): 105 x 105 x 71 mm
- Dimensions visible (HxWxD): 105 x 105 x 35 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Relay contact 1: NO 8.7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W

- Maximum load LED lamps 230 V: 300 W
- Detection angle: 360 °
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: 10 s – 20 m
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

| | 351-25457 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 351-25320 | Pieces: 1 | IR remote control for installers |

ACCESSORY – MINI REMOTE CONTROL FOR USERS

| | 351-25310 | Pieces: 1 | IR remote control for users |

ACCESSORY – SURFACE-MOUNTING BOX

| | 351-25420 | Pieces: 1 | Round surface-mounting box |

Presence or absence detector, 360°, secondary, 230 V, 14 m, for flush mounting

The presence or absence detector for flush mounting in ceilings is suitable for switching the indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use exclusively in combination with a Master (351-25451/56/57/63/66/67).

- Dimensions (HxWxD): 105 x 105 x 71 mm
- Dimensions visible (HxWxD): 105 x 105 x 35 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Detection angle: 360 °

- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

| | 351-25459 | Pieces: 1 | Detector |

ACCESSORY – SURFACE-MOUNTING BOX

| | 351-25420 | Pieces: 1 | Round surface-mounting box |

Presence or absence detector, 360°, 230 V, 24 m, master, one channel, for flush mounting

The presence or absence detector with one channel and daylight control for flush mounting in ceilings is suitable for switching indoor lighting on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 100 x 100 x 73.4 mm
- Dimensions visible (HxWxD): 100 x 100 x 46.4 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, up to 24 m in diameter from a height of 3 m
- Light intensity range: 20 lux – 1000 lux, ∞
- Switch-off delay: 2 m – 1 h
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-20070 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-20089 | Pieces: 1 | IR remote control for installers |

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

| | 390-20057 | Pieces: 1 | Flush-mounting box with spring terminals |

Presence or absence detector, 360°, 230 V, 24 m, secondary, for flush mounting

The presence or absence detector for flush mounting in ceilings is suitable for switching indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use only in combination with the master (350-20070 or the masters 350-20078 or 350-20072). In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 100 x 100 x 73,4 mm
- Dimensions visible (HxWxD): 100 x 100 x 46,4 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m

- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-20071 | Pieces: 1 | Detector |

ACCESSORY – FLUSH-MOUNTING BOX FOR 350-20065 AND 351-20066

| | 390-20057 | Pieces: 1 | Flush-mounting box with spring terminals |

Presence or absence detector, 360°, 230 V, 24 m, master, one channel, for surface mounting

The presence or absence detector with one channel and daylight control for ceiling mounting is suitable for switching indoor lighting on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO (max. μ10 A), potential-free, light- and motion-sensitive
- Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
- Maximum load low voltage halogen lamps: 1200 W
- Maximum load economy lamps (CFLi): 350 W
- Maximum load LED lamps 230 V: 350 W

- Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Light intensity range: 20 lux – 1000 lux, ∞
- Switch-off delay: 2 m – 1 h
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20078	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-20089	Pieces: 1	IR remote control for installers

Presence or absence detector, 360°, 230 V, 24 m, secondary, for surface mounting

The presence or absence detector for ceiling mounting is suitable for switching indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use only in combination with the master (350-20078, 350-20070 or 350-20080). In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 230 V ± 10 %, 50 Hz
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Protection degree: IP54

- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20079	Pieces: 1	Detector

5.A
5.B
5.C
5.D
5.E
5.F
5.G

Presence or absence detector, 360°, 230 V, 24 m, master, two channels, for surface mounting

The presence or absence detector with two channels and daylight control for surface mounting in ceilings is suitable for switching indoor lighting or ventilation on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 2 channels
- Relay contact 1: NO (max. μ10 A), potential-free, light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Light intensity range: 20 lux – 1000 lux
- Switch-off delay: 2 m – 1 h, ∞
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-20082 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-20089 | Pieces: 1 | IR remote control for installers |

Presence or absence detector, 360°, 230 V, 24 m, master, two channels, for flush mounting

The presence or absence detector with two channels and daylight control for flush mounting in ceilings is suitable for switching indoor lighting or ventilation on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 2 channels
- Relay contact 1: NO (max. μ10 A), potential-free, light- and motion-sensitive
- Relay contact 2: NO (max. μ10 A), potential-free, light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Light intensity range: 20 lux – 1000 lux, ∞
- Switch-off delay: 2 m – 1 h
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-20072 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-20089 | Pieces: 1 | IR remote control for installers |

Presence or absence detector, 360°, 230 V, 26 m, master or stand-alone, 1 channel, for flush mounting

The presence or absence detector with one channel for flush mounting in ceilings is suitable for switching the indoor lighting on and off. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector) via a NO push button (230 Vac) (to be ordered separately).

- Dimensions (HxWxD): 105 x 105 x 86 mm
- Dimensions visible (HxWxD): 105 x 105 x 50 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Relay contact 1: NO 8,7 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 2000 W
  - Maximum load low voltage halogen lamps: 1000 W
  - Maximum load economy lamps (CFLi): 300 W

  - Maximum load LED lamps 230 V: 300 W
- Detection angle: 360 °
- Detection range (PIR): max. 26 m from 3 m height
- Light intensity range: 5 lux – 2000 lux
- Switch-off delay: 10 s – 20 m
- Protection degree: IP20
- Mounting height: 2 – 8 m
- Mounting method: flush-mounting or surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

| | 351-25467 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 351-25320 | Pieces: 1 | IR remote control for installers |

ACCESSORY – MINI REMOTE CONTROL FOR USERS

| | 351-25310 | Pieces: 1 | IR remote control for users |

ACCESSORY – SURFACE-MOUNTING BOX

| | 351-25420 | Pieces: 1 | Round surface-mounting box |

Presence or absence detector, 360°, 230 V, 26 m, secondary, for flush mounting

The presence or absence detector for flush mounting in ceilings is suitable for switching the indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use exclusively in combination with a Master (351-25451/56/57/63/66/67).

- Dimensions (HxWxD): 105 x 105 x 86 mm
- Dimensions visible (HxWxD): 105 x 105 x 50 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 48 mm
- Detection angle: 360 °

- Detection range (PIR): max. 26 m from 3 m height
- Protection degree: IP20
- Mounting height: 2 – 8 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

| | 351-25469 | Pieces: 1 | Detector |

ACCESSORY – SURFACE-MOUNTING BOX

| | 351-25420 | Pieces: 1 | Round surface-mounting box |

The most recent information can be found at www.niko.eu

Presence or absence detector, 360°, 230 V, 32 m, master, one channel, for surface mounting on high ceilings

The presence or absence detector with one channel and daylight control for surface mounting on high ceilings is suitable for switching the indoor lighting on and off. The detector can be used stand-alone or as a master. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO (max. μ10 A), potential-free, light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Light intensity range: 20 lux – 1000 lux, ∞
- Switch-off delay: 2 m – 1 h
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

	350-20080	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	350-20089	Pieces: 1	IR remote control for installers

Presence or absence detector, 360°, 230 V, 32 m, secondary, for surface mounting on high ceilings

The presence or absence detector for surface mounting on high ceilings is suitable for switching indoor lighting on and off. Automatic on/off (presence detector) or manual on/automatic off (absence detector). The detection area can be divided by means of an adjustable cover mask. Use only in combination with a master (350-20080, 350-20070 or 350-20078). In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m

- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

	350-20081	Pieces: 1	Detector

Presence or absence detector 360°, master or stand-alone, 230 V AC, 1 channel potential-free, 16 m, flush-mounting, square

The presence or absence detector with one channel for flush mounting in ceilings is suitable for switching various loads via a potential-free contact. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector) via a NO push button (230 Vac) (to be ordered separately).

- Dimensions (HxWxD): 88 x 88 x 71 mm
- Dimensions visible (HxWxD): 88 x 88 x 35 mm
- Input voltage: 230 Vac ± 10 %, 50 – 60 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Relay contact 1: 4.35 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 1000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W

  - Maximum load LED lamps 230 V: 100 W
- Detection angle: 360 °
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Response value luminosity: 5 lux – 2000 lux
- Switch-off delay: 10 s – 20 m
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

| | 351-25451 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 351-25320 | Pieces: 1 | IR remote control for installers |

ACCESSORY – MINI REMOTE CONTROL FOR USERS

| | 351-25310 | Pieces: 1 | IR remote control for users |

ACCESSORY – SURFACE-MOUNTING BOX

| | 351-25400 | Pieces: 1 | Square surface-mounting box |

Presence or absence detector 360°, master or stand-alone, 230 V AC, 1 channel potential-free, 16 m, flush-mounting, round

The presence or absence detector with one channel for flush-mounting in ceilings is suitable for switching various loads via the potential-free contact. The detector is equipped with an integrated light sensor. Automatic on/off (presence detector) or manual on/automatic off (absence detector) via a NO push button (230 Vac) (to be ordered separately).

- Dimensions (HxWxD): 105 x 105 x 71 mm
- Dimensions visible (HxWxD): 105 x 105 x 35 mm
- Input voltage: 230 Vac ± 10 %, 50 – 60 Hz
- Number of channels: 1 channel
- Drill diameter: 48 mm
- Relay contact 1: 4.35 A
  - Maximum load incandescent and halogen lamps (cosφ=1): 1000 W
  - Maximum load low voltage halogen lamps: 500 W
  - Maximum load economy lamps (CFLi): 100 W

  - Maximum load LED lamps 230 V: 100 W
- Detection angle: 360 °
- Detection range (PIR): up to 14 m in diameter from a height of 3 m
- Response value luminosity: 5 lux – 2000 lux
- Switch-off delay: 10 s – 20 m
- Protection degree: IP20
- Mounting height: 2 – 6 m
- Mounting method: flush-mounting
- Ambient temperature: -20 – +40 °C

COMPLETE UNIT

| | 351-25463 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 351-25320 | Pieces: 1 | IR remote control for installers |

ACCESSORY – MINI REMOTE CONTROL FOR USERS

| | 351-25310 | Pieces: 1 | IR remote control for users |

ACCESSORY – SURFACE-MOUNTING BOX

| | 351-25420 | Pieces: 1 | Round surface-mounting box |

Universal remote control for smartphone

Niko has developed a universal remote control for all Niko detectors which can be adjusted remotely. It consists of 2 components:
- The free Niko detector tool app, to be downloaded on your smartphone or tablet (both iOS and Android).
- The universal remote control, to be connected to the audio input of your smartphone.

Advantages:
- You only need one remote control for all installed detectors.
- The app explains step by step how to program and control each detector.
- You can immediately test the detector while walking through the room.
- The difficult configurations (such as daylight control) can be saved, to prevent the loss of data.

For most new detectors you can choose between manual set-up or via remote control. The detector always makes use of the most recent settings. The app provides easy access to all product information.

Important points:
- Ensure that the sound volume of your smartphone is sufficiently loud.
- Operates with android version 4.4 and IOS v8 or higher.

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

Presence detector, 360°, 230 V, 20 m, for surface mounting

One-channel presence detector with daylight control for ceiling mounting, suitable for switching indoor lighting. Provided with an integrated light sensor. Automatically on/off (after switch-off delay) or manually on/off via NO push button (230 Vac) (to be ordered separately). The detection area can be subdivided by means of an adaptable cover mask. In conformity with the European directive for EMC and safety EN60669-2-1.

- Dimensions (HxWxD): 127 x 127 x 59 mm
- Dimensions visible (HxWxD): 127 x 127 x 59 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Number of channels: 1 channel
- Relay contact 1: NO. (max. μ10 A), light- and motion-sensitive
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, up to 20 m in diameter from a height of 3 m
- Light intensity range: 10 lux – 1000 lux
- Switch-off delay: 1 m – 30 m
- Protection degree: IP20
- Mounting height: 2.5 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-20054   Pieces: 1   Detector

DALI

In this chapter:

- DALI presence or absence detectors
- DALI multi-zone detectors
- DALI rotary dimmer
- DALI power supply, link module, relay module, push-button interface

	Article number	Description
	350-41650	Flat presence or absence detector with 3 zone DALI daylight control and extra functionalities, 360°, 12 m, master or stand-alone, 360°, for flush mounting
	350-41657	Flat presence or absence detector with 3 zone DALI daylight control, 360°, 12 m, master, for flush mounting
	350-41659	Flat presence or absence detector with 3 zone DALI daylight control, 12 m, secondary, for flush mounting
	350-41680	Flat presence or absence detector with 3 zone DALI daylight control and extra functionalities, 360°, 12 m, master or stand-alone, for flush mounting, with EnOcean
	350-41750	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for flush mounting
	350-41752	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, secondary, for flush mounting
	350-41751	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for surface mounting
	350-41753	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, secondary, for surface mounting
	350-41760	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, master or stand-alone, for flush mounting in high ceilings
	350-41762	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, secondary, for flush mounting in high ceilings
	350-41761	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, master or stand-alone, for surface mounting on high ceilings
	350-41763	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, secondary, for surface mounting on high ceilings
	350-41780	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for flush mounting, with EnOcean
	350-41781	Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for surface mounting, with EnOcean
	350-70985	Compact power supply for DALI bus systems
	350-70021	DALI link module
	350-70020	DALI push-button interface
	350-70980	DALI relay module
	310-0210x	DALI rotary dimmer

Master/Secondary	Protection degree	Number of channels/ number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Commissioning method 3	Page
Master	IP20	3 zones	360°	2.4-3 m	12 m	App	Remote control	-	5.D-1
Master	IP20	3 zones	360°	2.4-3 m	12 m	App	Remote control	-	5.D-2
Secondary	IP20	-	360°	2.4-3 m	12 m	-	-	-	5.D-2
Master	IP20	3 zones	360°	2.4-3 m	12 m	App	Remote control	-	5.D-3
Master	IP54	3 zones	360°	2-3.4 m	24 m	App	Remote control	-	5.D-4
Secondary	IP54	-	360°	2-3.4 m	24 m	App	Remote control	-	5.D-4
Master	IP54	3 zones	360°	2-3.4 m	24 m	App	Remote control	-	5.D-5
Secondary	IP54	-	360°	2-3,4 m	24 m	App	Remote control	-	5.D-5
Master	IP54	3 zones	360°	4-8 m	32 m	App	Remote control	-	5.D-6
Secondary	IP54	-	360°	4-8 m	32 m	App	Remote control	-	5.D-6
Master	IP54	3 zones	360°	4-8 m	32 m	App	Remote control	-	5.D-7
Secondary	IP54	-	360°	4-8 m	32 m	App	Remote control	-	5.D-7
Master	IP54	3 zones	360°	2-3.4 m	24 m	App	Remote control	-	5.D-8
Master	IP54	3 zones	360°	2-3.4 m	24 m	App	Remote control	-	5.D-9
-	IP20	-	-	-	-	-	-	-	5.D-9
-	IP20	-	-	-	-	-	-	On the device	5.D-10
-	IP20	-	-	-	-	-	-	On the device	5.D-10
-	IP20	-	-	-	-	-	-	-	5.D-10
Secondary	IP20	-	-	-	-	-	-	On the device	5.D-11

5.A
5.B
5.C
5.D
5.E
5.F
5.G

Flat presence or absence detector with 3 zone DALI daylight control and extra functionalities, 360°, 12 m, master or stand-alone, 360°, for flush mounting

Presence detector, DALI daylight control for flush mounting in ceilings of 2.4 - 3 m. Stand-alone or as master combinable with a maximum of 10 secondary detectors (350-41659). For use in offices, schools, conference rooms… in large and small spaces. The detector has a maximum of 3 daylight controlled zones, and an extra contact which can be used. It has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. Depending on the chosen application the lighting must always be switched on manually using a push button, and is automatically switched off if there is sufficient daylight or no one is in the room (absence detector). Or the lighting is switched on automatically when movement is registered and there is insufficient daylight. In this case, the lighting is also automatically switched off if there is sufficient daylight or no one is in the room (presence detector). The lighting remains on as long as the detector detects movement and the measured level of daylight is lower than the set value. The switch-off delay, the lux value at which the lighting must switch on and the sensitivity of the detector are easily set with the IR remote control for smartphone (optional)

- Dimensions (HxWxD): 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 77 mm
- Relay contact 1: NO, (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Response value luminosity: 2 lux – 1000 lux
- Switch-off delay: 1 m – 2 h 46 m 39 s
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

	350-41650	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	350-41934	Pieces: 1	IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

	350-41935	Pieces: 1	IR remote control for users

Flat presence or absence detector with 3 zone DALI daylight control, 360°, 12 m, master, for flush mounting

Flat presence or absence detector, DALI daylight control for flush-mounting in ceilings of 2.4 - 3 m. Stand-alone or as master combinable with a maximum of 10 secondary detectors (350-41659). For use in offices, schools, conference rooms… in large and small spaces. The detector has a maximum of 3 daylight controlled zones and has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. The switch-off delay, the lux value at which the lighting must switch on and the sensitivity of the detector can easily set with the IR remote control (optional) or with the universal remote control for smartphone (optional).

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 77 mm
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m

- Response value luminosity: 10 lux – 1000 lux
- Switch-off delay: 5 m – 1 h
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

| | 350-41657 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-41934 | Pieces: 1 | IR-remote control for users |

ACCESSORY – IR REMOTE CONTROL

| | 350-41935 | Pieces: 1 | IR remote control for users |

Flat presence or absence detector with 3 zone DALI daylight control, 12 m, secondary, for flush mounting

This presence detector (DALI daylight control, secondary detector) is suitable for flush mounting in ceilings and can only be used in combination with the master (350-41657, 350-41650 and 350-41680) to increase its detection range. The detector has a very flat design of only 5 mm, so that it can be mounted almost flush with the ceiling. The device follows the settings of the master. The sensitivity of the secondary detector, though, can be set separately. A maximum of ten secondary detectors can be connected per master.

- Dimensions (HxWxD): 95 x 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Drill diameter: 77 mm
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m

- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

| | 350-41659 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-41934 | Pieces: 1 | IR-remote control for users |

Flat presence or absence detector with 3 zone DALI daylight control and extra functionalities, 360°, 12 m, master or stand-alone, for flush mounting, with EnOcean

The 360° DALI presence detector is suitable for the control of DALI devices in a maximum of 3 daylight zones. Depending on the incoming daylight, the light intensity of each zone will be adjusted separately. The detector can also control, switch on and off or dim one or two secondary zones (depending on the selected settings). The detector is designed for indoor applications and has an integrated light sensor. It is suitable for use in offices, schools and public buildings and can be used in both large and small rooms. The device also has an integrated relay for controlling either lighting or ventilation (to be ordered separately). The detector is equipped with an integrated EnOcean receiver, enabling wireless control with EnOcean transmitters.

- Dimensions (HxWxD): 95 x 95 mm
- Dimensions visible (HxWxD): 95 x 95 x 5 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 77 mm
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W

  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 12 m in diameter from a height of 3 m
- Response value luminosity: 2 lux – 1000 lux
- Switch-off delay: 5 s – 2 h 46 m 39 s
- Protection degree: IP20
- Mounting height: 2.4 – 3 m
- Mounting method: flush-mounting
- Ambient temperature: 5 – +40 °C

COMPLETE UNIT

	350-41680	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	350-41934	Pieces: 1	IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

	350-41935	Pieces: 1	IR remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for flush mounting

Presence detector ensuring that a constant level of light is maintained in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling. The detector is shipped with a flush-mounting box with spring clips.

- Dimensions (HxWxD): 100 x 100 x 74.7 mm
- Dimensions visible (HxWxD): 100 x 100 x 46.4 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 88.5 mm
- Relay contact 1: NO. (max. μ10 A)
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 2 – 3.5 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

	350-41750	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	350-41934	Pieces: 1	IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

	350-41935	Pieces: 1	IR remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, secondary, for flush mounting

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector is directly connected to the DALI bus. Use exclusively in combination with a DALI addressable master with extra functionalities (e.g. 350-41750). The detector is shipped with a flush-mounting box with spring clips.

- Dimensions (HxWxD): 100 x 100 x 74.7 mm
- Dimensions visible (HxWxD): 100 x 100 x 46.4 mm
- Drill diameter: 88.5 mm
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m

- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

	350-41752	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	350-41934	Pieces: 1	IR-remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for surface mounting

Presence detector ensuring that a constant level of light is created in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 24 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-41751 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-41934 | Pieces: 1 | IR-remote control for users |

ACCESSORY – IR REMOTE CONTROL

| | 350-41935 | Pieces: 1 | IR remote control for users |

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, secondary, for surface mounting

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector is directly connected to the DALI bus. Use exclusively in combination with a DALI addressable master with extra functionalities (e.g. 350-41751).

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m

- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-41753 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-41934 | Pieces: 1 | IR-remote control for users |

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, master or stand-alone, for flush mounting in high ceilings

Presence detector ensuring that a constant level of light is created in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling. The detector is shipped with a flush-mounting box with spring clips.

- Input voltage: 230 V ± 10 %, 50 Hz
- Drill diameter: 88.5 mm
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-41760 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-41934 | Pieces: 1 | IR-remote control for users |

ACCESSORY – IR REMOTE CONTROL

| | 350-41935 | Pieces: 1 | IR remote control for users |

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, secondary, for flush mounting in high ceilings

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector is directly connected to the DALI bus. Use exclusively in combination with a DALI addressable master with extra functionalities (e.g. 350-41760). The detector is shipped with a flush-mounting box with spring clips.

- Drill diameter: 88.5 mm
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Protection degree: IP54

- Mounting height: 4 – 8 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

5.A
5.B
5.C
5.D
5.E
5.F
5.G

COMPLETE UNIT

| | 350-41762 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-41934 | Pieces: 1 | IR-remote control for users |

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, master or stand-alone, for surface mounting on high ceilings

Presence detector ensuring that a constant level of light is created in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 32 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

	350-41761	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	350-41934	Pieces: 1	IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

	350-41935	Pieces: 1	IR remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 32 m, secondary, for surface mounting on high ceilings

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector is directly connected to the DALI bus. Use exclusively in combination with a DALI addressable master with extra functionalities.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Detection angle: 360 °
- Detection range (PIR): up to 32 m in diameter from a height of 8 m

- Protection degree: IP54
- Mounting height: 4 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

	350-41763	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

	350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

	350-41934	Pieces: 1	IR-remote control for users

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for flush mounting, with EnOcean

Presence detector ensuring that a constant level of light is created in the room while someone is present. The detector regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling. The detector is shipped with a flush-mounting box with spring clips.

- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps (cosφ=1): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF
- Maximum switching current: 165 A/20 ms – 800 A/200 μs

- Detection angle: 360 °
- Detection range (PIR): circle, 16 – 24 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: flush-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-41780 | Pieces: 1 | Detector |

ACCESSORY – UNIVERSAL REMOTE CONTROL

| | 350-41936 | Pieces: 1 | Universal remote control for smartphone |

ACCESSORY – IR REMOTE CONTROL

| | 350-41934 | Pieces: 1 | IR-remote control for users |

ACCESSORY – IR REMOTE CONTROL

| | 350-41935 | Pieces: 1 | IR remote control for users |

5.A
5.B
5.C
5.D
5.E
5.F
5.G

The most recent information can be found at www.niko.eu

Detector with 3 zone DALI daylight control and extra functionalities, 360°, 24 m, master or stand-alone, for surface mounting, with EnOcean

Presence detector ensuring that a constant level of light is created in the room while someone is present. The sensor regulates a maximum of 4 zones, of which 2 to 3 daylight-controlled and 1 or 2 secondary zones. With a push button you can manually dim the light or switch it on/off (to be ordered separately). The detector also has an extra relay contact. The detector is directly connected to the DALI bus. The detector assigns every luminaire its own address (DALI addressable). This ensures that each luminaire can be allocated to any zone and zones can be updated without altering the cabling.

- Dimensions (HxWxD): 117.3 x 117.3 x 64.1 mm
- Dimensions visible (HxWxD): 117.3 x 117.3 x 64.1 mm
- Input voltage: 230 V ± 10 %, 50 Hz
- Relay contact 1: NO (max. μ10 A), potential-free
  - Maximum load incandescent and halogen lamps ($\cos\varphi=1$): 2300 W
  - Maximum load low voltage halogen lamps: 1200 W
  - Maximum load economy lamps (CFLi): 350 W
  - Maximum load LED lamps 230 V: 350 W
  - Maximum capacitive load: 140 μF

- Maximum switching current: 165 A/20 ms – 800 A/200 μs
- Detection angle: 360 °
- Detection range (PIR): up to 24 m in diameter from a height of 3 m
- Response value luminosity: 100 lux – 2000 lux
- Switch-off delay: 5 m – ∞
- Protection degree: IP54
- Mounting height: 2 – 3.4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

350-41781	Pieces: 1	Detector

ACCESSORY – UNIVERSAL REMOTE CONTROL

350-41936	Pieces: 1	Universal remote control for smartphone

ACCESSORY – IR REMOTE CONTROL

350-41934	Pieces: 1	IR-remote control for users

ACCESSORY – IR REMOTE CONTROL

350-41935	Pieces: 1	IR remote control for users

Compact power supply for DALI bus systems

This compact power supply is used to supply power to the DALI bus and its connected control devices. The power supply can either be integrated in the luminaire itself, or placed on the suspended ceiling. The maximum load is 250 mA.

- power supply voltage: 85 to 265 V, frequency 50/60 Hz
- dimensions (HxWxL): 30 x 20 x 160 mm
- standby consumption: < 1 W
- output: DALI
- output voltage: 16 Vdc + - 5 %

- max. load DALI output: 250 mA/4 W
- ambient temperature: 0 – +50 °C
- protection degree: IP20
- air humidity: 20 - 95% RH, non condensing

COMPLETE UNIT

350-70985	Pieces: 1	Complete unit

DALI link module

With this DALI link module, you can connect several DALI buses together, making it possible to control zones which are separated by folding doors, adjoining zones, or installations with more than the maximum number of 64 DALI units per bus. The module's design makes it easy to integrate into the installation, and it does not require a 230 V supply.

The module can be used with the Niko DALI addressable masters with additional functionalities.

- dimensions (HxWxD): 21 x 30 x 159 mm
- power supply: via the DALI bus
- power consumption of input 1/2: 14/4 mA
- ambient temperature: +5 – +40 ℃
- air humidity: 20 - 95% RH, non condensing

COMPLETE UNIT

350-70021   Pieces: 1   DALI link module

DALI push-button interface

Push-button interface for control of DALI buses. Push-button interface transforms the switch impulse of external push buttons (e.g. 4-fold push button) into a DALI command. You can easily mount the compact interface in the flush-mounting box behind a potential-free push button.

You can connect 4 push buttons to this interface. Depending on the
setting, you can switch a selected light group on or off
with every push button (with a brief press) or dim it (by holding down), or select a light scene (pressing briefly). Suitable for all DALI addressable Niko detectors (350-41650, 350-41680, 350-41750, 350-41751, 350-41760, 350-41761, 350-41780 and 350-41781).

- power supply voltage: via the DALI bus
- dimensions (HxWxD): 35 x 30 x 12 mm
- maximum power consumption: 6 mA
- ambient temperature: +5 – +40 ℃

COMPLETE UNIT

350-70020   Pieces: 1   DALI push-button interface for control of DALI buses

DALI relay module

- Reference: 350-70980
- Marking: CE

COMPLETE UNIT

350-70980   Pieces: 1   Complete unit

DALI rotary dimmer

This DALI rotary control is used to control DALI controlled light luminaires. The dimmer can be set to control 15 DALI groups separately or set in broadcast mode, to control all DALI controlled devices simultaneously. This dimmer is not equipped with a built-in power supply for the DALI bus (you can use the external Niko power supply 350-70985 or DALI DIN rail bus power supply 67-710). The rotary dimmer can also be used in combination with the Niko DALI addressable detectors to manually dim the light. It is possible to manually change the dimming speed (the so-called fade rate) - without the use of a PC.

- for use in DALI systems
- power supply voltage: that of the DALI bus (not built-in)
- complies with the EN 60669-2-1
- groups: 15 (configurable) individually or all at once (broadcast)

- dimming speed: adjustable
- wire capacity: 2 x 2.5 mm^2
- ambient temperature: +5 – +50 °C
- maximum power consumption: 6 mA

BASE

	310-02100	Pieces: 6	With screw terminals and claw fixing
	310-02101	Pieces: 6	With screw terminals, for screw fixing

FINISHING SET

100-31003	Pieces: 10	101-31003	Pieces: 10	102-31003	Pieces: 10
104-31003	Pieces: 10	121-31003	Pieces: 10	122-31003	Pieces: 10
123-31003	Pieces: 10	124-31003	Pieces: 10	154-31003	Pieces: 10
157-31003	Pieces: 10	161-31003	Pieces: 10	200-31003	Pieces: 10
220-31003	Pieces: 10	221-31003	Pieces: 10		

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

KNX

In this chapter:
- KNX (mini) presence detector
- KNX motion detectors
- KNX motion detectors for corridors
- KNX outdoor motion detectors

NEW

Mini presence detector P34MR, KNX, 8-10 m, 360°, for flush mounting
ref. 350-34001
- Flat lens
- Includes plug in connector for easy installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Flat design, available in white and black finish (exchangeable deco ring)
- IP54
- Small form factor (28 mm drill diameter, 40 mm depth in ceiling)

Presence detector P34MR, KNX, 9-10 m, 360°, for flush mounting and flush-mounting box
ref. 350-34002
- Flat lens
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Flat design, available in white and black finish (exchangeable deco ring)
- Up to IP54 in combination with surface mounting accessory
- For flush mounting or flush-mounting box
- Surface mounting via accessory

Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box
ref. 350-34003 (white) and 350-34013 (black)
- High performance
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Available in white and black finish
- Up to IP54 in combination with surface mounting accessory
- For flush-mounting box
- Flush or surface mounting via accessories

Motion detector M34HC, KNX, high ceiling, 15-29 m, 360°, for flush-mounting box
ref. 350-34004 (white) and ref. 350-34014 (black)
- Installation height up to 10m
- Plug-in terminals for fast installation
- Easy configuration (well-structured ETS file)
- 5 channels: 4 channels for lighting control, alarm and HVAC + light measurement
- Various applications: presence, lux, constant light switch, HVAC, alarm
- Available in white and black finish
- Up to IP54 in combination with surface mounting accessory
- For flush-mounting box
- Flush or surface mounting via accessories

	Article number	Description
NEW	350-34001	Mini presence detector P34MR, KNX, 8-10 m, 360°, for flush mounting
NEW	350-34002	Presence detector P34MR, KNX, 9-10 m, 360°, for flush mounting and flush-mounting box
NEW	350-34003	Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box
NEW	350-34004	Motion detector M34HC, KNX, 15-29 m, high ceiling, 360°, for flush-mounting box
NEW	350-34013	Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box, black
NEW	350-34014	Motion detector M34HC, KNX, high ceiling, 15-29 m, 360°, for flush-mounting box, black
	350-530311	Motion detector for corridors, 360°, KNX, 40 m, for flush-mounting box
	350-213001	Outdoor motion detector, KNX, 360°, 16 m, for surface mounting

Master/Secondary	Protection degree	Number of channels Number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method	Page
-	IP54	5 ch	360°	2 - 4 m	10 m	Via the KNX-bus	5.E-1
-	IP44	5 ch	360°	2 - 4 m	9 - 10 m	Via the KNX-bus	5.E-1
-	IP40	5 ch	360°	2 - 3 m	39 - 41 m	Via the KNX-bus	5.E-2
-	IP20	5 ch	360°	2 - 10 m	15 - 29 m	Via the KNX-bus	5.E-2
-	IP20	5 ch	360°	2 - 3 m	39 - 41 m	Via the KNX-bus	5.E-3
-	IP20	5 ch	360°	2 - 10 m	15 - 29 m	Via the KNX-bus	5.E-3
-	IP20	2 ch	360°	2 - 2.5 m	40 m	Via the KNX-bus	5.E-4
-	IP55	-	360°	2 - 3 m	16 m	Via the KNX-bus	5.E-4

NEW

Mini presence detector P34MR, KNX, 8-10 m, 360°, for flush mounting

This flat lens mini presence detector with 5 channels is suitable for KNX systems. It can be flush mounted in the ceiling or in thin ceiling profiles. A black deco ring can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 10 m in diameter from a height of 3 m
- Ambient temperature: -20 – +50 °C

- Mounting method: flush-mounting
- Drill diameter: 28 mm
- Mounting height: 2 – 4 m
- Colour: white (RAL 9010)
- Dimensions (HxWxD): 45 x 45 x 50 mm
- Protection degree: IP54
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

 | 350-34001 | Pieces: 1 | Detector

ACCESSORY – DECO RING, BLACK

 | 390-34011 | Pieces: 10 | Deco ring for P34MR mini detector, black

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NEW

Presence detector P34MR, KNX, 9-10 m, 360°, for flush mounting and flush-mounting box

This flat lens presence detector with 5 channels is suitable for KNX systems. It can be flush mounted in the ceiling or installed in a flush-mounting box. A black deco ring and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 10 m in diameter from a height of 3 m
- Ambient temperature: -20 – +50 °C

- Mounting method: flush-mounting
- Drill diameter: 58 mm
- Mounting height: 2 – 4 m
- Colour: white (RAL 9010)
- Dimensions (HxWxD): 75 x 75 x 41 mm
- Protection degree: IP40 (Flush-mounting box) / IP44 (spring clips)
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

 | 350-34002 | Pieces: 1 | Detector

ACCESSORY – DECO RING, BLACK

 | 390-34012 | Pieces: 10 | Deco ring for P34MR detector, black

ACCESSORY – SURFACE MOUNTING BOX

 | 390-34102 | Pieces: 1 | Surface mounting box for P34MR

ACCESSORY – SURFACE MOUNTING BOX, BLACK

 | 390-34112 | Pieces: 1 | Surface mounting box for P34MR, black

Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box

This motion detector with 5 channels is suitable for KNX systems. It can be installed in a flush-mounting box. Spring clips for flush-mounting and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 41 m in diameter from a height of 3 m
- Ambient temperature: -20 – +50 °C

- Mounting method: flush-mounting box
- Drill diameter: 56 mm
- Mounting height: 2 – 3 m
- Colour: white (RAL 9010)
- Dimensions (HxWxD): 111 x 111 x 70 mm
- Protection degree: IP40
- Impact resistance: IK02

NEW

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34003   Pieces: 36   Detector

ACCESSORY – SURFACE MOUNTING BOX

390-34103   Pieces: 1   Surface mounting box for M34LR

ACCESSORY – SPRING CLIPS

390-34203   Pieces: 1   Spring clips for M34LR/M34HC

Motion detector M34HC, KNX, 15-29 m, high ceiling, 360°, for flush-mounting box

This motion detector for high ceiling with 5 channels is suitable for KNX systems. It can be installed in a flush-mounting box. Spring clips for flush-mounting and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 29 m in diameter from a height of 10 m

- Ambient temperature: -20 – +50 °C
- Mounting method: flush-mounting box
- Drill diameter: 56 mm
- Mounting height: 2 – 10 m
- Colour: white (RAL 9010)
- Dimensions (HxWxD): 102 x 102 x 51 mm
- Protection degree: IP20
- Impact resistance: IK02

NEW

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34004   Pieces: 36   Detector

ACCESSORY – SURFACE MOUNTING BOX

390-34104   Pieces: 1   Surface mounting box for M34HC

NEW

Motion detector M34LR, KNX, 39-41 m, 360°, for flush-mounting box, black

This motion detector with 5 channels is suitable for KNX systems. It can be installed in a flush-mounting box. Spring clips for flush-mounting and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 41 m in diameter from a height of 3 m
- Ambient temperature: -20 – +50 °C

- Mounting method: flush-mounting box
- Drill diameter: 56 mm
- Mounting height: 2 – 3 m
- Colour: black (approximately RAL 9011)
- Dimensions (HxWxD): 111 x 111 x 70 mm
- Protection degree: IP40
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34013   Pieces: 1   Detector

ACCESSORY – SURFACE MOUNTING BOX, BLACK

390-34113   Pieces: 1   Surface mounting box for M34LR, black

ACCESSORY – SPRING CLIPS

390-34203   Pieces: 1   Spring clips for M34LR/M34HC

NEW

Motion detector M34HC, KNX, high ceiling, 15-29 m, 360°, for flush-mounting box, black

This motion detector for high ceiling with 5 channels is suitable for KNX systems. It can be installed in a flush-mounting box. Spring clips for flush-mounting and a surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Input voltage: 30 Vdc via KNX-bus
- Maximum current consumption: 10 mA
- Number of channels: 5 channels
- Light intensity range: 10 lux – 2000 lux
- Switch-off delay: 1 s – 18 h 12 min 15 s
- Detection angle: 360 °
- Detection range (PIR): up to 29 m in diameter from a height of 10 m
- Ambient temperature: -20 – +50 °C

- Mounting method: flush-mounting box
- Drill diameter: 56 mm
- Mounting height: 2 – 10 m
- Colour: black (approximately RAL 9011)
- Dimensions (HxWxD): 102 x 102 x 51 mm
- Detector settings: ETS software
- Protection degree: IP20
- Impact resistance: IK02

Available in the fourth quarter of 2021. This product is still in development. The technical specifications could be subject to change.

COMPLETE UNIT

350-34014   Pieces: 1   Detector

ACCESSORY – SURFACE MOUNTING BOX, BLACK

390-34114   Pieces: 1   Surface mounting box for M34HC, black

Motion detector for corridors, 360°, KNX, 40 m, for flush-mounting box

The corridor motion detector with two channels is suitable for KNX systems. It can be installed in a flush-mounting box in the ceiling. Spring clips and an IP54 surface-mounting box can be ordered separately. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Dimensions (HxWxD): 105 x 105 x 60 mm
- Dimensions visible (HxWxD): 105 x 105 x 38 mm
- Input voltage: 30 Vdc via KNX-bus
- Number of channels: 2 channel
- Detection angle: 360°
- Light intensity range: 10 lux – 2000 lux, ∞

- Switch-off delay: 30 s – 60 min
- Protection degree: IP20
- Mounting height: 2 – 2.5 m
- Mounting method: flush-mounting box
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

| | 350-530311 | Pieces: 1 | Detector |

ACCESSORY – IR REMOTE CONTROL

| | 350-939998 | Pieces: 1 | IR-remote control for 35 m corridor detector KNX |

ACCESSORY – FLUSH-MOUNING BOX WITH SPRING CLIPS

| | 350-991999 | Pieces: 1 | Flush-mounting box with spring clips |

ACCESSORY – IP54 SURFACE-MOUNTING BOX

| | 350-992901 | Pieces: 1 | Surface-mounting box for 35 m detector for corridors |

Outdoor motion detector, KNX, 360°, 16 m, for surface mounting

The outdoor motion detector with two channels is suitable for KNX systems. It can be surface mounted on walls or ceilings and is easy to install thanks to the plug-in terminals. The detector can also be used for indoor applications. In conformity with the European directive for EMC and safety EN 60669-2-1.

- Dimensions (HxWxD): 79 x 90 x 150 mm
- Dimensions visible (HxWxD): 79 x 90 x 150 mm
- Input voltage: 30 Vdc via KNX-bus
- Detection angle: 360°
- Light intensity range: 5 lux – 2000 lux ∞

- Switch-off delay: 5 s – 1 h
- Protection degree: IP55
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT

| | 350-213001 | Pieces: 1 | Detector |

ACCESSORY – IR REMOTE CONTROL FOR 350-213001

| | 350-999908 | Pieces: 1 | IR-remote control for outdoor motion detector KNX |

ACCESSORY – CORNER-MOUNTING BRACKET FOR 350-213001

| | 350-993991 | Pieces: 1 | Corner mounting bracket |

Niko Home Control

In this chapter:

- mini presence detector
- wall motion detector
- outdoor motion detector

	Article number	Description
	550-20220	Mini presence detector, 360°, Niko Home Control, 9 m
	550-20210	Wall motion detector, 180°, Niko Home Control, 9 m, for claw fixing
	550-20211	Wall motion detector, 180°, Niko Home Control, 9 m, for screw fixing (centre distance: 71 mm)
	550-20212	Wall motion detector, 180°, Niko Home Control, 9 m, for screw fixing
	550-20200	Outdoor motion detector, 180°, Niko Home Control, 16 m, with orientable lens
	550-20201	Outdoor motion detector, 180°, Niko Home Control, 13 m, with orientable lens, black

Master/Secondary	Protection degree	Number of channels Number of zones	Detection angle	Mounting height	Detection range Ceiling: at a height of 3 m Outdoor: at a height of 2.5 m Wall: at a height of 1.2 m	Commissioning method 1	Commissioning method 2	Page
-	IP65	1 ch	360°	2-3 m	9 m	Via Niko Home Control	-	5.F-1
-	IP40	1 ch	180°	0.9-1.1 m	9 m	Via Niko Home Control	-	5.F-1
-	IP40	1 ch	180°	0.9-1.1 m	9 m	-	On the device	5.F-1
-	IP40	1 ch	180°	0.9-1.1 m	9 m	-	On the device	5.F-1
-	IP54	1 ch	180°	2,5 m	16 m	-	On the device	5.F-1
-	IP54	1 ch	180°	2,5 m	13 m	-	On the device	5.F-2

Mini presence detector, 360°, Niko Home Control, 9 m

The mini detector detects movement and changes in light intensity. Using this information various Niko Home Control actions can be activated or deactivated. The product is suitable for ceiling mounting in suspended ceilings, both indoors and outdoors.

- Dimensions (HxWxD): 13 x 36 mm
- Dimensions visible (HxWxD): 13 x 36 mm
- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Drill diameter: 30 mm
- Detection angle: 360 °

- Detection range (PIR): 9.5 m from a height of 3 m
- Light intensity range: 2 lux – 2500 lux
- Ambient temperature: -10 – +50 °C
- Mounting method: flush-mounting

COMPLETE UNIT

	550-20220	Pieces: 1	Detector

Wall motion detector, 180°, Niko Home Control, 9 m

This motion detector is suitable for indoor use only. Niko Home Control supplies power to the motion detector. No additional power supply is required. To be used as a motion detector or as a motion detector in combination with a photo cell.

- resting potential: 26 Vdc (SELV, safety extra-low voltage)
- detection angle: 180° horizontal, 60° vertical
- detection range: 9 m (horizontal)
- recommended mounting height: 90 - 110 cm
- light sensitivity: 5 - 1200 lux

- switch-off delay: 10 s
- manual mode option
- ambient temperature: -5 – +45 °C
- CE marked

COMPLETE UNIT

	550-20210	Pieces: 6	For claw fixing
	550-20211	Pieces: 6	For screw fixing (centre distance: 71 mm)
	550-20212	Pieces: 6	For screw fixing

FINISHING SET

100-55511	Pieces: 6	101-55511	Pieces: 6	102-55511	Pieces: 6
104-55511	Pieces: 6	121-55511	Pieces: 6	122-55511	Pieces: 6
123-55511	Pieces: 6	124-55511	Pieces: 6	154-55511	Pieces: 6
157-55511	Pieces: 6	161-55511	Pieces: 6	200-55511	Pieces: 6
220-55511	Pieces: 6	221-55511	Pieces: 6		

Outdoor motion detector, 180°, Niko Home Control, 16 m, with orientable lens

This motion detector is suitable for use on driveways, on outdoor patios, in garden areas or in garages. The detector is equipped with an integrated light sensor. The sensor can be rotated horizontally within a 25° angle to modify the direction of detection. If you do not want the motion detector to detect any motion within a certain section of the detection area, you cover the sensor lens using the cover cap supplied. Niko Home Control supplies power to the motion detector. No additional power supply is required.

- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Detection angle: 180 °
- Detection range (PIR): up to 16 m in diameter from a height of 3 m
- Switch-off delay: 8 s – 30 m

- Protection degree: IP54
- Mounting height: 2.5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

	550-20200	Pieces: 1	Detector, white

ACCESSORY

	390-20050	Pieces: 1	Ceiling mounting bracket

Flush surround plates to be ordered separately.
Product drawings purely illustrative.

Outdoor motion detector, 180°, Niko Home Control, 13 m, with orientable lens, black

This motion detector is suitable for use on driveways, on outdoor patios, in garden areas or in garages. The detector is equipped with an integrated light sensor. The sensor can be rotated horizontally within a 25° angle to modify the direction of detection. If you do not want the motion detector to detect any motion within a certain section of the detection area, you cover the sensor lens using the cover cap supplied. Niko Home Control supplies power to the motion detector. No additional power supply is required.

- Input voltage: 26 Vdc (SELV, safety extra-low voltage)
- Detection angle: 180 °
- Detection range (PIR): up to 13 m in diameter from a height of 3 m
- Switch-off delay: 8 s – 30 m

- Protection degree: IP54
- Mounting height: 2.5 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +45 °C

COMPLETE UNIT

550-20201 Pieces: 1 Detector, black

ACCESSORY

390-20150 Pieces: 10 Ceiling mounting bracket, black

24 V

In this chapter:

- motion detectors
- light sensor
- twilight switch

	Article number	Description
	350-20011	Motion detector, 90°, 24 V, 6 m
	350-30010	Motion detector, 90°, 24 V DC, 0.5 - 15 m, light sensor
	350-41279	Motion detector, 90°, 24 V, 22 m
	350-41549	Motion detector, 360°, 24 V, 8 m, for surface mounting
	350-10012	Light sensor, IP54, 3 - 60 klux
	350-10032	Twilight switch, 24 V, one channel (4 A)

Master/Secondary	Protection degree	Number of channels / Number of zones	Detection angle	Mounting height	Detection range: Ceiling at a height of 3 m / Outdoor: at a height of 2.5 m / Wall: at a height of 1.2 m	Commissioning method	Page
-	IP20	-	90°	2-8 m	6 m	On the device	5.G-1
-	IP20	-	90°	2-3 m	22 m	On the device	5.G-1
-	IP20	-	90°	2-3 m	22 m	On the device	5.G-2
-	IP20	-	360°	2.5-4 m	8 m	On the device	5.G-2
-	IP54	-	90°	-	-	On the device	5.G-2
-	IP54	1 ch	-	-	-	On the device	5.G-3

Motion detector, 90°, 24 V, 6 m

Motion detector suitable for motion detection in warehouses. To be used in combination with a daylight control module (360-35010) for lighting control. At a maximum mounting height of 8 m, the detection area covers a surface of 16 x 1 m (LxW). For outdoor applications, use the IP54 protection cap (390-20010). This protection cap needs to be ordered separately.

- Input voltage: 24 Vdc ± 10 %
- Number of channels: 1 channel
- Relay contact 1: on/off (NPN transistor)
- Detection angle: 90 °
- Detection range (PIR): up to 6 m from a height of 3 m

- Protection degree: IP20
- Mounting height: 2.5 – 8 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 ℃
- Maximum power consumption: 5 mA

COMPLETE UNIT

	350-20011	Pieces: 1	Detector

ACCESSORY

	390-20010	Pieces: 10	IP54 protection cap

ACCESSORY

	390-20000	Pieces: 1	Vandalproof protection cap, wall mounting

Motion detector, 90°, 24 V DC, 0.5 - 15 m, light sensor

Motion detector with built-in light sensor. Suitable for motion detection at an angle of 90° and over a distance of 0.5 to 15 m. To be used in combination with a daylight control module (360-35010) for lighting control. The use of the IP54 protection cap (390-20010) is obligatory for outdoor use. This protection cap needs to be ordered separately.

- Input voltage: 24 Vdc ± 10 %
- Number of channels: 1 channel
- Detection angle: 90 °
- Detection range (PIR): up to 15 m from a height of 2.5 m

- Protection degree: IP20
- Mounting height: 2 – 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 ℃

COMPLETE UNIT

	350-30010	Pieces: 1	Detector

ACCESSORY

	390-20010	Pieces: 10	IP54 protection cap

ACCESSORY

	390-20000	Pieces: 1	Vandalproof protection cap, wall mounting

Motion detector, 90°, 24 V, 22 m

90° motion detector, 24 V, with a potential-free contact for mounting on walls and ceilings. The detector is durable, functional and compact. The motion detector has a built-in walking test and adjustable sensitivity (5 levels) and can be combined with Niko Home Control. To be used in combination with the digital potential-free sensor module (550-00210). For use in small offices, storage areas, corridors, conference rooms … The motion detector is suitable for the control of HVAC, ventilation, building management systems, Niko Home Control … The switch-off delay of the potential-free relay and the sensitivity of the detector can be set on the device. Also suitable for outdoor applications. In this case a protective cover (to be ordered separately) is used to make the motion detector splashproof (protection degree IP54).

- Input voltage: 24 Vac/Vdc ± 10 %
- Maximum power consumption: <18 mA
- Number of channels: 1 channel
- Detection angle: 90 °
- Detection range (PIR): circle, 22 m

- Switch-off delay: 2 s – 30 m
- Protection degree: IP20
- Mounting height: 3 m
- Mounting method: surface-mounting
- Ambient temperature: -20 – +50 °C

COMPLETE UNIT

| | 350-41279 | Pieces: 1 | Detector |

ACCESSORY

| | 390-20010 | Pieces: 10 | IP54 protection cap |

ACCESSORY

| | 390-20000 | Pieces: 1 | Vandalproof protection cap, wall mounting |

Motion detector, 360°, 24 V, 8 m, for surface mounting

The motion detector has a limited diameter (80 mm) and thickness (3 cm) and an adjustable sensitivity (4 levels). For use in small offices, storage areas, corridors, conference rooms, … The detector is suitable for the control of ventilation, building management systems, Niko Home Control .. To be used in combination with the digital potential-free sensor module (550-00210). It is possible to set both the switch-off delay of the potential-free relay and the sensitivity of the detector on the device using the DIP switches.

- Dimensions (HxWxD): 80 x 80 x 30.6 mm
- Input voltage: 24 Vac/Vdc ± 10 %
- Relay contact : NO. 0.2 A/max 48 V
- Relay contact 1: NO (max. 48 V/0.2 A), potential-free
- Number of channels: 1 channel
- Detection angle: 360°

- Detection range (PIR): up to 8 m in diameter from a height of 3 m
- Switch-off delay: 5 s, 30 s – 1 h
- Protection degree: IP20
- Mounting height: 2.5 – 4 m
- Mounting method: surface-mounting
- Ambient temperature: -5 – +50 °C

COMPLETE UNIT

| | 350-41549 | Pieces: 1 | Detector |

Light sensor, IP54, 3 - 60 klux

Photo cell for outdoor applications (IP54). To be used in combination with a daylight control module (360-35010). The photo cell has a variable light sensitivity between 3 and 300 lux, 30 and 3 Klux, 300 and 30 Klux or 600 and 60 Klux.

- Dimensions (HxWxD): 52 x 52 x 34,5 mm
- Input voltage: 24 Vdc ± 10 %
- Number of channels: 1 channel
- Light intensity range: 3 lux – 60000 lux

- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -40 – +50 °C

COMPLETE UNIT

| | 350-10012 | Pieces: 10 | Detector |

Twilight switch, 24 V, one channel (4 A)

Twilight switch for outdoor wall mounting (IP54), suitable for switching outdoor lighting. Light sensitivity adjustable from 2 to 200 lux. Large sensor surface for accurate light measuring. In conformity with the European directive for EMC and safety EN60669-2-1.

- Input voltage: 24 Vac/Vdc ± 10 %
- Number of channels: 1 channel
- Relay contact 1: NO (max. μ4 A), potential-free
- Light intensity range: 2 lux – 200 lux

- Protection degree: IP54
- Mounting method: surface-mounting
- Ambient temperature: -50 – +50 °C

COMPLETE UNIT

350-10032   Pieces: 5   Twilight switch

PRONODIS
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