

control gear 48 V

# overview

## design control gear

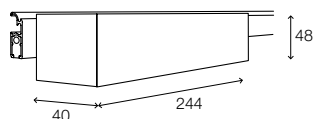
	article no.	wall48	ceiling48	pend48	in48
box wall48   90	48-90610	●			
bigbox wall48   150	48-90626	●			
bigbox wall48   320	48-90627	●			
box pend/ceiling48   90	48-90635		●	●	
bigbox pend/ceiling48   150	48-90636		●	●	
bigbox pend/ceiling48   320	48-90637		●	●	
Steel48 Floor					
Steel48 Floor Led Line					
Tri48 Floor					

## concealed control gear

	article no.	wall48	ceiling48	pend48	in48
tronic48   90	48-90115	●	●	●	●
MW48   150	48-90143	●	●	●	●
MW48   320	48-90114	●	●	●	●
MW48   480	48-90196	●	●	●	●
MW48   600	48-90187	●	●	●	●

max. permitted system length	Casambi / Xicato Controls		
	Ninety-Five 20 W	Fifty 15 W	Thirty-Five 8,8 W
15 m	1 - 4	1 - 6	1 - 10
15 m	1 - 7	1 - 9	1 - 15
15 m	1 - 15	1 - 20	1 - 34
15 m	1 - 4	1 - 6	1 - 10
15 m	1 - 7	1 - 9	1 - 15
15 m	1 - 15	1 - 20	1 - 34
	1 - 7	1 - 9	1 - 15
	1 - 4	1 - 5	1 - 9
	1 - 12	1 - 16	1 - 28

max. permitted system length	Casambi / Xicato Controls		
	Ninety-Five 20 W	Fifty 15 W	Thirty-Five 8,8 W
15 m	1 - 4	1 - 6	1 - 10
15 m	1 - 7	1 - 9	1 - 15
15 m	1 - 15	1 - 20	1 - 34
15 m	1 - 24	1 - 32	1 - 54
15 m	1 - 30	1 - 40	1 - 70

**box wall48 | 90**

power supply unit system: wall48

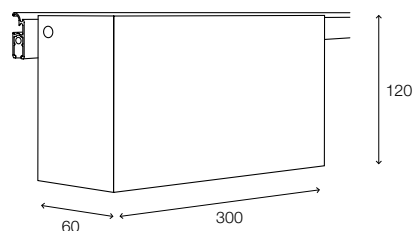
- PRI: 220-240 V AC | SEC: 48 V DC | 90 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 0.5 kg

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 4
Fifty	(15 W)	1 - 6
Thirty-Five	(8,8 W)	1 - 10

article no.

-  48-90610 a
-  48-90610 w
-  48-90610 b
-  48-90610 c

**bigbox wall48 | 150**

power supply unit system: wall48

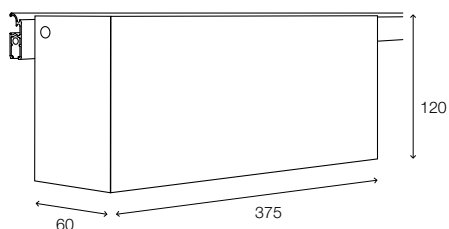
- PRI: 90-305 V AC or 127-431 V DC
- SEC: 48 V DC | 150 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- incl. 0.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 2.2 kg

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 7
Fifty	(15 W)	1 - 9
Thirty-Five	(8,8 W)	1 - 15

article no.

-  48-90626 a
-  48-90626 w
-  48-90626 b
-  48-90626 c

**bigbox wall48 | 320**

power supply unit system: wall48

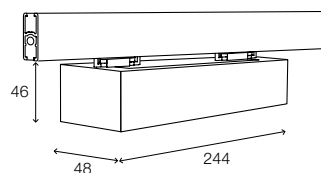
- PRI: 90-305 V AC or 127-431 V DC
- SEC: 48 V DC | 320 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- incl. 0.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 3 kg

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 15
Fifty	(15 W)	1 - 20
Thirty-Five	(8,8 W)	1 - 34

article no.

-  48-90627 a
-  48-90627 w
-  48-90627 b
-  48-90627 c

**box pend/ceiling48 | 90**

power supply unit system: pend48, ceiling48

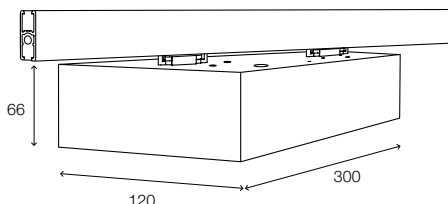
- PRI: 220 - 240 V AC | SEC: 48 V DC | 90 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- incl. 1.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 0.5 kg

article no.

- 48-90635 a
- 48-90635 w
- 48-90635 b
- 48-90635 c

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 4
Fifty	(15 W)	1 - 6
Thirty-Five	(8,8 W)	1 - 10

**bigbox pend/ceiling48 | 150**

power supply unit system: pend48, ceiling48

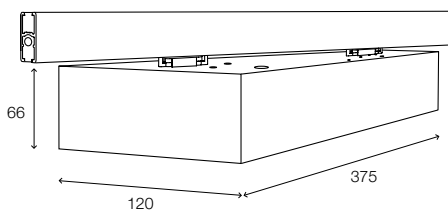
- PRI: 90-305 V AC or 127-431 V DC
- SEC: 48 V DC | 150 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- incl. 1.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 2.2 kg

article no.

- 48-90636 a
- 48-90636 w
- 48-90636 b
- 48-90636 c

- number of luminaires per control gear

Ninety-Five	(20 W)	1 - 7
Fifty	(15 W)	1 - 9
Thirty-Five	(8,8 W)	1 - 15

**bigbox pend/ceiling48 | 320**

power supply unit system: pend48, ceiling48

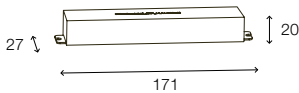
- PRI: 90-305 V AC or 127-431 V DC
- SEC: 48 V DC | 320 W
- power supply unit in a design housing
- with integral short circuit, overheating and overload protection
- incl. 1.5 m connecting cable, transparent silver
- 2 end caps
- concealed adapter feed included
- for system lengths of up to 15 m
- 3 kg

article no.

- 48-90637 a
- 48-90637 w
- 48-90637 b
- 48-90637 c

- number of luminaires per control gear

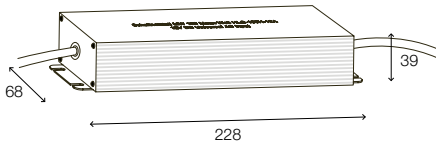
Ninety-Five	(20 W)	1 - 15
Fifty	(15 W)	1 - 20
Thirty-Five	(8,8 W)	1 - 34



tronic 90 | 48 V

power supply unit    system: wall48, pend48, ceiling48, in48, rondo48

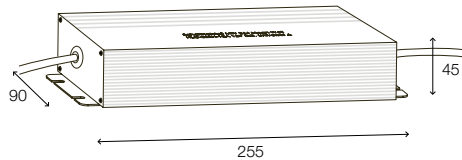
- PRI: 230 V | SEC: 48 V DC | 90 W
  - for recessed mounting
  - with integral short circuit, overheating and overload protection
  - for secondary track lengths of up to 15 m
  - LWH 171 x 27 x 20 mm
  - 0.35 kg
- article no.
- 48-90115
- number of luminaires per control gear
- |             |         |        |
|-------------|---------|--------|
| Ninety-Five | (20 W)  | 1 - 4  |
| Fifty       | (15 W)  | 1 - 6  |
| Thirty-Five | (8,8 W) | 1 - 10 |



MW 150 | 48 V

power supply unit    system: wall48, pend48, ceiling48, in48, rondo48

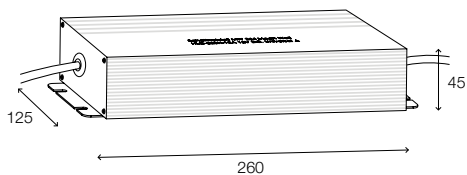
- PRI: 90-305 V AC or 127-431 V DC
  - SEC: 48 V DC | 150 W
  - for recessed mounting
  - with integral short circuit, overheating and overload protection
  - for secondary track lengths of up to 15 m
  - LWH 228 x 68 x 39 mm
  - 1.15 kg
- article no.
- 48-90143
- number of luminaires per control gear
- |             |         |        |
|-------------|---------|--------|
| Ninety-Five | (20 W)  | 1 - 7  |
| Fifty       | (15 W)  | 1 - 9  |
| Thirty-Five | (8,8 W) | 1 - 15 |



MW 320 | 48 V

power supply unit    system: wall48, pend48, ceiling48, in48, rondo48

- PRI: 90-305 V AC or 127-431 V DC
  - SEC: 48 V DC | 320 W
  - for recessed mounting
  - with integral short circuit, overheating and overload protection
  - for secondary track lengths of up to 15 m
  - LWH 255 x 90 x 45 mm
  - 1.9 kg
- article no.
- 48-90114
- number of luminaires per control gear
- |             |         |        |
|-------------|---------|--------|
| Ninety-Five | (20 W)  | 1 - 15 |
| Fifty       | (15 W)  | 1 - 20 |
| Thirty-Five | (8,8 W) | 1 - 34 |



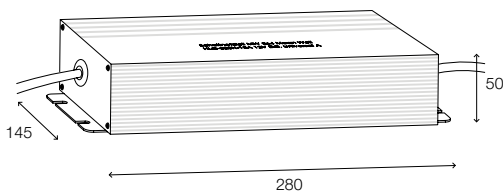
**MW 480 | 48 V**

power supply unit    system: wall48, pend48, ceiling48, in48, rondo48

- PRI: 90-305 V AC or 127-431 V DC
  - SEC: 48 V DC | 480 W
  - for recessed mounting
  - with integral short circuit, overheating and overload protection
  - for secondary track lengths of up to 15 m
  - LWH 260x125x45 mm
  - 2.8 kg
- 
- number of luminaires per control gear
  - Ninety-Five (20 W)    1 - 54
  - Fifty (15 W)    1 - 32
  - Thirty-Five (8,8 W)    1 - 24

article no.

48-90196



**MW 600 | 48 V**

power supply unit    system: wall48, pend48, ceiling48, in48, rondo48

- PRI: 90-305 V AC or 127-431 V DC
  - SEC: 48 V DC | 600 W
  - for recessed mounting
  - with integral short circuit, overheating and overload protection
  - for secondary track lengths of up to 15 m
  - LWH 280x145x50 mm
  - 4 kg
- 
- number of luminaires per control gear
  - Ninety-Five (20 W)    1 - 30
  - Fifty (15 W)    1 - 40
  - Thirty-Five (8,8 W)    1 - 70

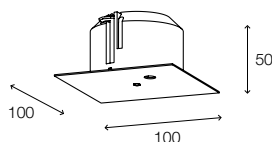
article no.

48-90187



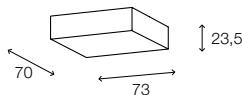
connecting cables

transparent, silver supplied with 4 cable end sleeves	article no.
2x2,5 mm <sup>2</sup> , running metre	90525
2x4 mm <sup>2</sup> , running metre	90520
2x6 mm <sup>2</sup> , running metre	90500



recessed canopy for power feed by cable

for LV cable connection or HV mains connection, cover plate 100x100 depth 50 diameter 74	article no.
	93510
	93517
	93518

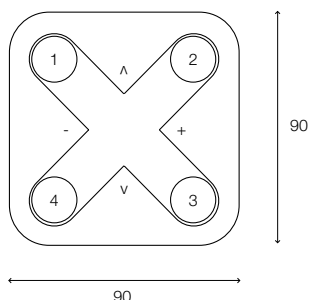
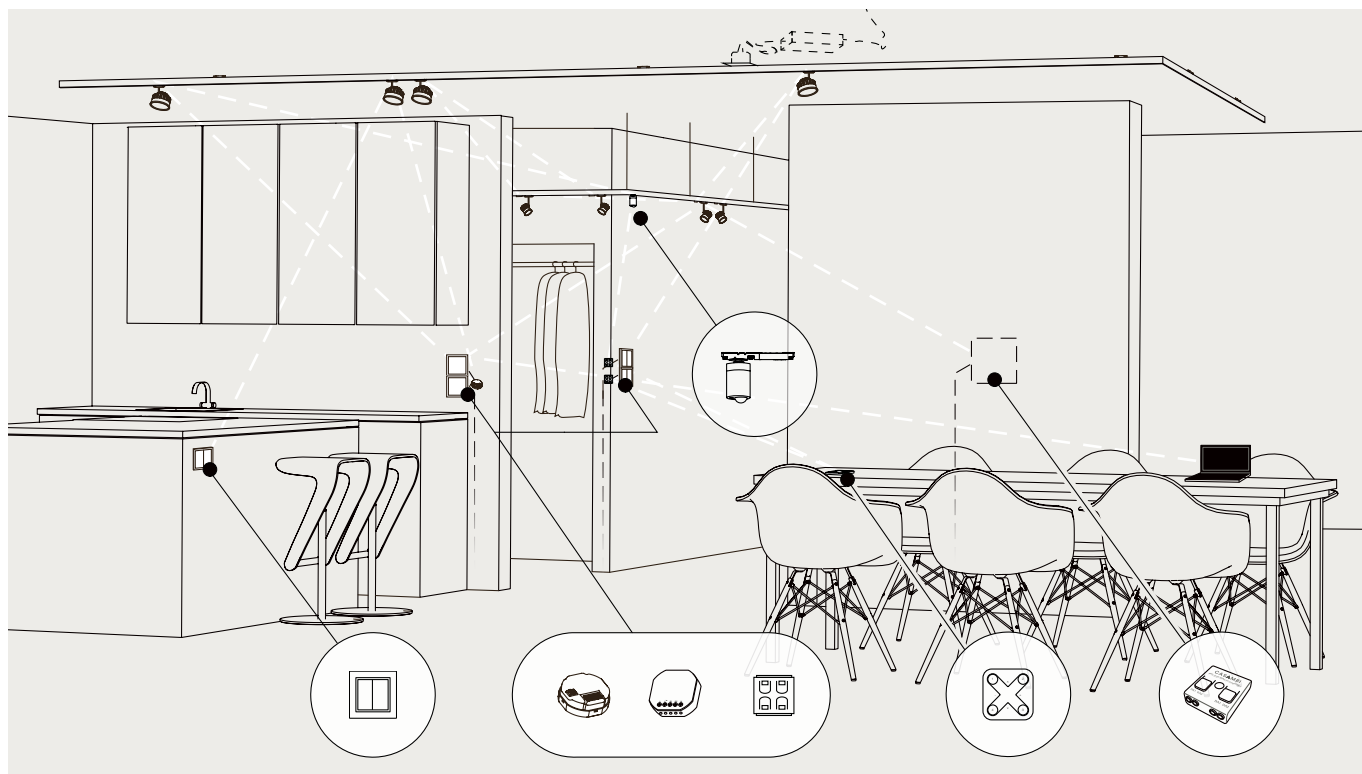


surface-mounted canopy for power feed by cable

for LV cable connection or HV mains connection, 70x73x23,5	article no.
	93500
	93537
	93538







CASAMBI

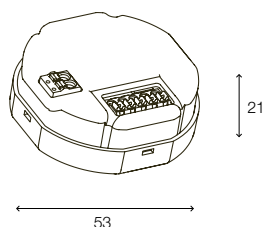
### Casambi Xpress wireless wall switch

controlled via Casambi

- wall bracket for fixed mounting
- Xpress control panel can be attached via magnet
- 2 push button dimming switches,
- 2 multifunctional buttons (configurable)
- wireless standard 2.4 GHz
- coverage to first mesh-enabled spotlight: 10 m indoor, 50 m outdoors
- battery-operated using a CR2430 battery (2 - 5 years battery service life)
- WHD 90x90x12 mm
- for up-to-date information, visit [www.casambi.com](http://www.casambi.com)

article no.

- 97908 w
- 97908 b



CASAMBI

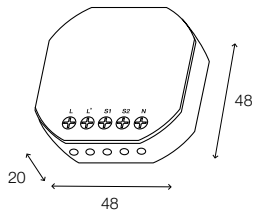
### SC-Ti-CAS push-button module, for flush-mounting behind a conventional push-button wall switch

controlled via Casambi

- for mounting behind a conventional switch
- up to 4 potential-free switches connectable
- coverage to first mesh-enabled spotlight: 10 m indoors, 100 m outdoors
- controlled via Casambi
- Ø 53xH 21 mm
- The device is automatically identified by the Casambi app and can be integrated into a preexisting network. The switching can be configured via the Casambi app.
- Operated on mains supply, the device can be built into a flush-mounted socket.

article no.

97918



**CASAMBI**

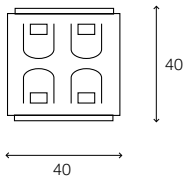
### Casambi switching relay

controlled via Casambi

- 2 functions:
  1. The relay can meet the requirements of the Ecodesign Directive. It switches the operating device completely voltage-free in order to reduce the standby power loss in the sense of the ERP directive EU 2019/2020. Due to its high load, it is suitable - independently of our Sense system - for e.g. switching non-dimmable electrical devices on and off, suitable for loads up to 3000 VA - 13 A; a physical connection to the operating device is required
  2. Combined with a conventional push-button, the Casambi unit also offers the option of connecting 1 or 2 freely configurable push-buttons that can be used freely in the Casambi interface for luminaire / group / scene / relay etc.
- can be combined with all commercially available push-buttons (spring-back)
- WTH 47.5 x 47.5 x 20 mm

article no.

97919



**CASAMBI**  
**xicato**

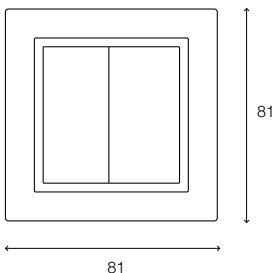
### transmitter module PTM 215B for installation in wireless switches

controlled via Xicato Controls or Casambi

- for installation in EnOcean switch mounting kits for a variety of switch manufacturers
- 4 assignable switches
- device configuration via NFC (ISO 14443) wireless standard 2.4 GHz, AES128 (CBC) authentication
- to date, initial installation only possible with NFC-enabled Android end devices
- coverage to first mesh-enabled spotlight: 10 m indoor, 100 m outdoors
- battery-free thanks to Kinetic Energy Harvesting
- WHD 40x40x11.2 mm
- is applied in mounting kits that are not supplied with a wireless module: e.g. Gira mounting kit, EnOcean wireless wall-mounted transmitter 2-channel, System 55, Gira 8232 -03, -26, -27 and -28 or as an exchange module for EnOcean wireless wall-mounted transmitters with an integrated module from the PTM 21x range

article no.

97914



**CASAMBI**  
**xicato**

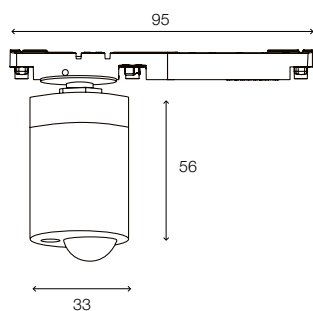
### double rocker wall switch Easyfit, white wireless standard

controlled via Xicato Controls or Casambi

- can be screwed or glue-mounted onto walls, WHD 81x81x14 mm
  - 4 assignable switches
  - device configuration via NFC (ISO 14443) BLE standard 2.4 GHz, AES128 (CBC) authentication
  - to date, initial installation only possible with NFC-enabled Android end devices
  - coverage to first mesh-enabled spotlight: 10 m indoor, 100 m outdoors
  - battery-free thanks to Kinetic Energy Harvesting
  - can be integrated in the cover frame of various switch ranges
- Please contact us for information on the switch ranges available.

article no.

97912



**CASAMBI**

### Casambi motion detector

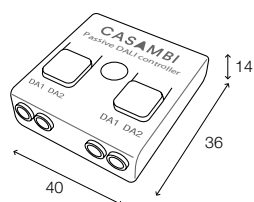
motion detector with buschfeld hide adapter

- 48 V DC / max 0,4 W
- coverage white or black
- with adapter hide
- for application in Buschfeld pend48, ceiling48 oder in48 track
- range 5 m, angle max 100° horizontal, 64 detection zones
- setup via Casambi App: switch-on times, twilight settings of light sensor
- Ø 33xH 56 mm

article no.

○ 90150 w

● 90150 b



**CASAMBI**

### DALI-Casambi Gateway

for integrating Casambi luminaires into a DALI bus

- DALI on Casambi, CBU-DCS
- Gateway can only be operated in the Evolution network
- pro Casambi Leuchte wird eine DALI-Adresse belegt, dies entspricht max 64 Casambi Leuchten pro DALI-Bus / Gateway
- one DALI address is assigned per Casambi luminaire, which corresponds to a maximum of 64 Casambi luminaires per DALI bus / gateway
- WHD 40.4 x 36.3 x 14.0 mm

article no.

97917