

TWO WIRES DIMMING

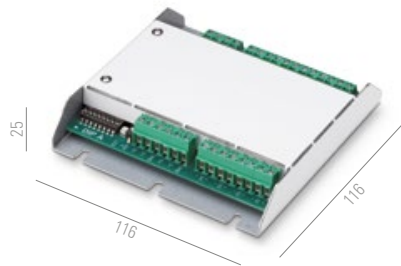
A	9	10	135	PLUS 140	PLUS 143
	ATRIA MINI IP67	ATRIA IN IP67	ATRIA RD IP65	ATRIA WW IP66	ATRIA FW IP66
B	130	130	92	51	51
	BASTER IP44	BASTER SQ IP44	B RAZOR IP40	BUTTON 100 CL IP65	BUTTON 200 CL IP66
				BUTTON 60 SQ DO IP67	BUTTON 100 SQ DO IP67
				BUTTON 200 SQ DO IP67	BUTTON 60 DO IP67
E	26	27	32	33	34
	BUTTON 100 DO IP67	BUTTON 200 DO IP67	BUTTON 60 W IP67	BUTTON 100 W IP67	BUTTON 200 W IP67
I	66	69	71	75	95
	INSERTO MINI CL IP40	INSERTO SMALL CL IP40	INSERTO MEDIUM 40 CL / 40 CL SYSTEM IP40	INSERTO MEDIUM 65 CL IP40	INSERTO MINI T IP40
				INSERTO MEDIUM 65 F / 65 F SYSTEM IP40	INSERTO MEDIUM 65 T / 65 T SYSTEM IP40
				INSERTO MEDIUM 40 SD IP40	
J	81	83	77	78	28
	INSERTO MEDIUM 65 SD IP40	INSERTO MEDIUM 105 SD / 105 SD2 IP40	INSERTO MEDIUM 40 W IP40	INSERTO MEDIUM 105 W IP40	INSERTO MINI DO IP67
				INSERTO MEDIUM DO IP67	INSERTO MEDIUM WO IP67
					INSERTO SMALL TRACK IP40
K	48	49	50	561	561
	JOLI 1 IP65	JOLI 2 IP67	JOLI 3 IP65	KUADRO 50 ROUND IP40/IP65	KUADRO 50 SQUARE IP40/IP65
				KUBO 54 UP IP40	KUBO 54 CL IP41
				KUBO 54 AD IP30	KUBO 54 W IP67
				KUBO 54 W2 IP67	

TWO WIRES DIMMING

L	20	36	38		
	LAPPEN 180 IP67	LINEAR TUBE SLIM IP67	LINEAR TUBE HP 6 WALL IP67		
M	41	44	45	11	PLUS 12
	MAIA DUO IP67	MAIA IP67	MAIA ET IP67	MEROPE 70 IP67	MEROPE 100 WW IP67
				MEROPE 100 OP IP67	MEROPE 100 AD IP67
				MEROPE 140 WW IP67	MEROPE 140 OP IP67
O	89	120			
	MUSHROOM MINI IP30	MUSHROOM MINI PL IP30			
O	52	52	PLUS 53	57	57
	OKKIO 55 CL IP41	OKKIO 55 AD IP30	OKKIO 60 WW IP20	OKKIO 55 W IP65	OKKIO 55 W2 IP67

OPTIONAL ACCESSORIES

SMART DIMM MASTER 4



**Flicker-free and video-ready**  
Designed to work at 18 KHz and when dimming dark bands are not visible. No "zebra effect"

DIMMER INTERFACE OR 0-10V INTERFACE

code	input voltage	max load*	IP	dimensions mm
69116	24V DC - 48V DC	240W at 24V DC 320W at 48V DC	IP20	W116xD116xH25

[\\*read more below](#)

24V DC and 48V DC dimmer interface using push button, potentiometer or 0-10V signal. Read wiring examples before installation

**Dimming using push button**

24V DC: maximum load 240W, four independent channels and maximum load 100W per channel.  
48V DC: maximum load 320W, four independent channels and maximum load of 100W per channel

**Dimming using potentiometer**

24V DC (North America): maximum load 240W, four synchronized channels and maximum load 100W per channel.  
48V DC: maximum load 320W, four synchronized channels and maximum load of 100W per channel

**0-10V dimming**

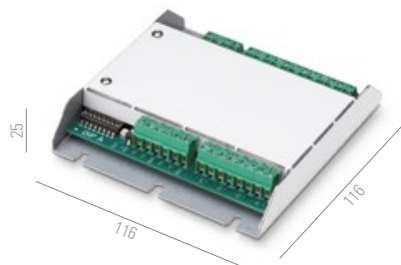
24V DC: maximum load 240W, four synchronized channels and maximum load 100W per channel.  
48V DC: maximum load 320W, four synchronized channels and maximum load of 100W per channel

**Connecting a SMART DIMM SLAVE 4 interface**

Possibility to connect to the master, up to No. 32 SMART DIMM SLAVE 4 interfaces (code 69117).  
The dimming signals generated by the master interface are replicated to the slaves



SMART DIMM SLAVE 4



**Flicker-free and video-ready**  
Designed to work at 18 KHz and when dimming dark bands are not visible. No "zebra effect"

DMX INTERFACE OR DIMMER INTERFACE SLAVE

code	input voltage	max load*	IP	dimensions mm
69117	24V DC - 48V DC	240W at 24V DC 320W at 48V DC	IP20	W116xD116xH25

[\\*read more below](#)

24V DC and 48V DC DMX interface or dimmer interface slave. Read wiring examples before installation

**DMX dimming**

24V DC: maximum load 240W, four independent channels and maximum load 100W per channel.  
48V DC: maximum load 320W, four independent channels and maximum load of 100W per channel

**Dimming as a slave**

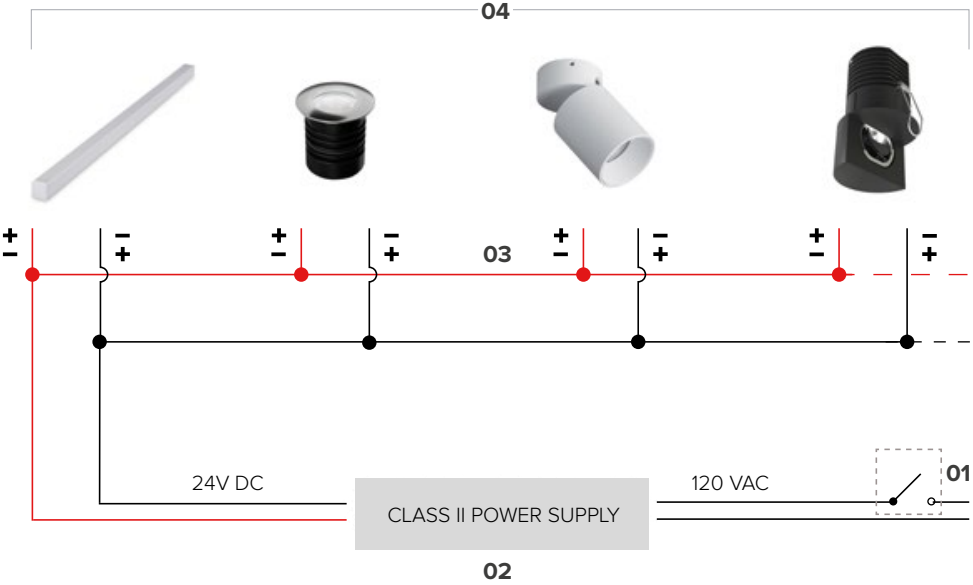
When connected to the master interface, the dimming signals generated by the master are replicated to the slaves



#05

ON/OFF: 24V DC

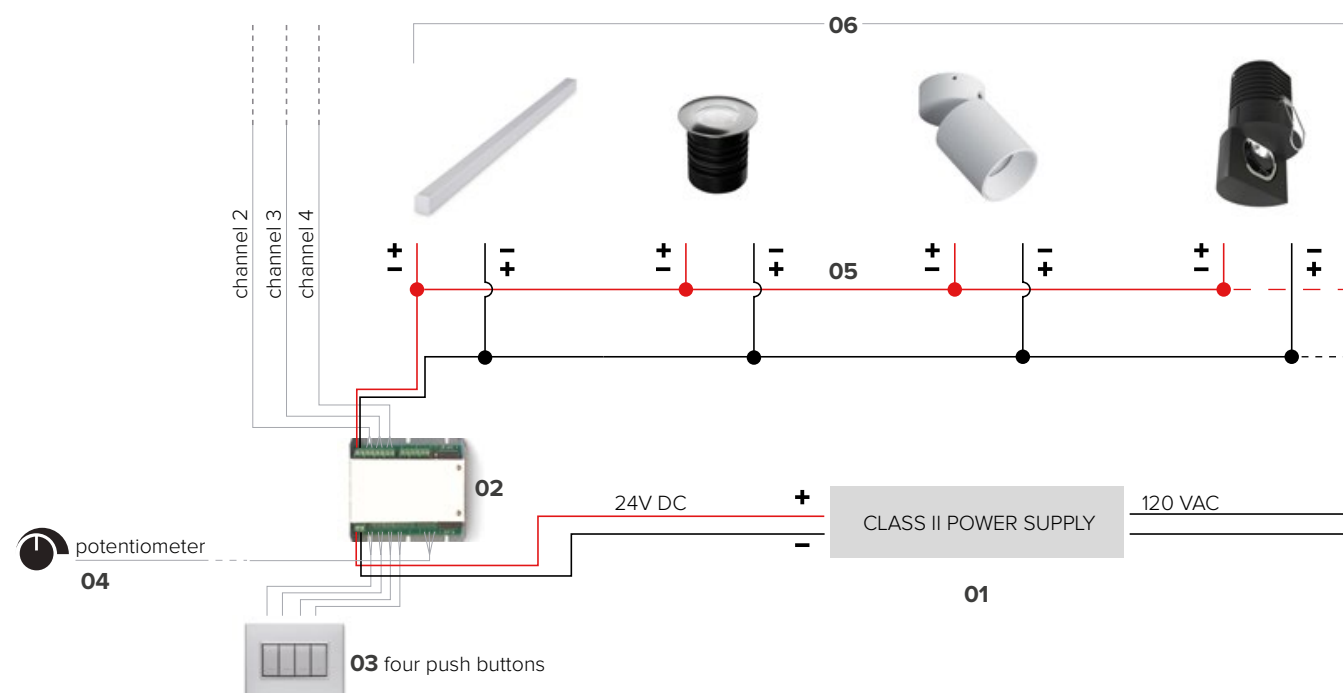
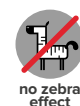
- 01 switch ON/OFF
- 02 Choose a 24V DC / 48V DC (constant voltage) Class II power supply present in the list of required accessories and always add a spare 20% as safety margin
- 03 Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04 Luminaires are to be wired to power supply via **parallel wiring**



# #06

## DIMMING USING PUSH BUTTON OR POTENTIOMETER: 24V DC

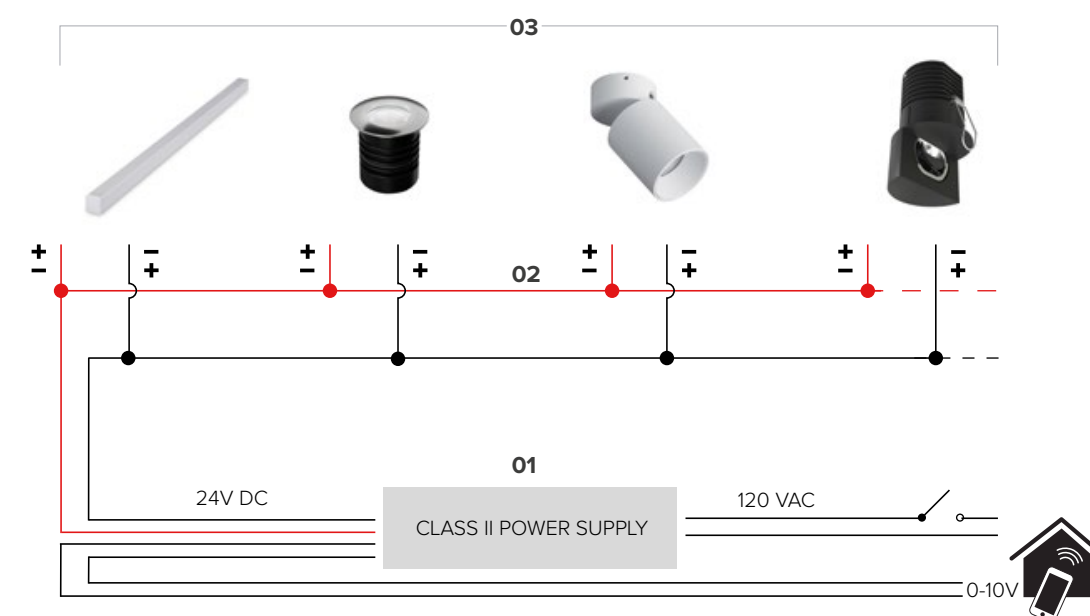
- 01 Choose a 24V DC / 48V DC (constant voltage) Class II power supply present in the list of required accessories and always add a spare 20% as safety margin
- 02 24V DC / 48V DC dimmer interface, SMART DIMM MASTER 4 (code 69116). Works with B LIGHT luminaires only
- 03 Dimming using four push buttons. 24V DC: maximum load 240W, four independent channels and maximum load 100W per channel
- 04 Dimming using potentiometer. 24V DC: maximum load 240W, 48V DC maximum load 320W, four synchronized channels and maximum load 100W per channel
- 05 Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 06 Luminaires are to be wired to power supply via **parallel wiring**



# #07

## 0-10V DIMMING: 24V DC

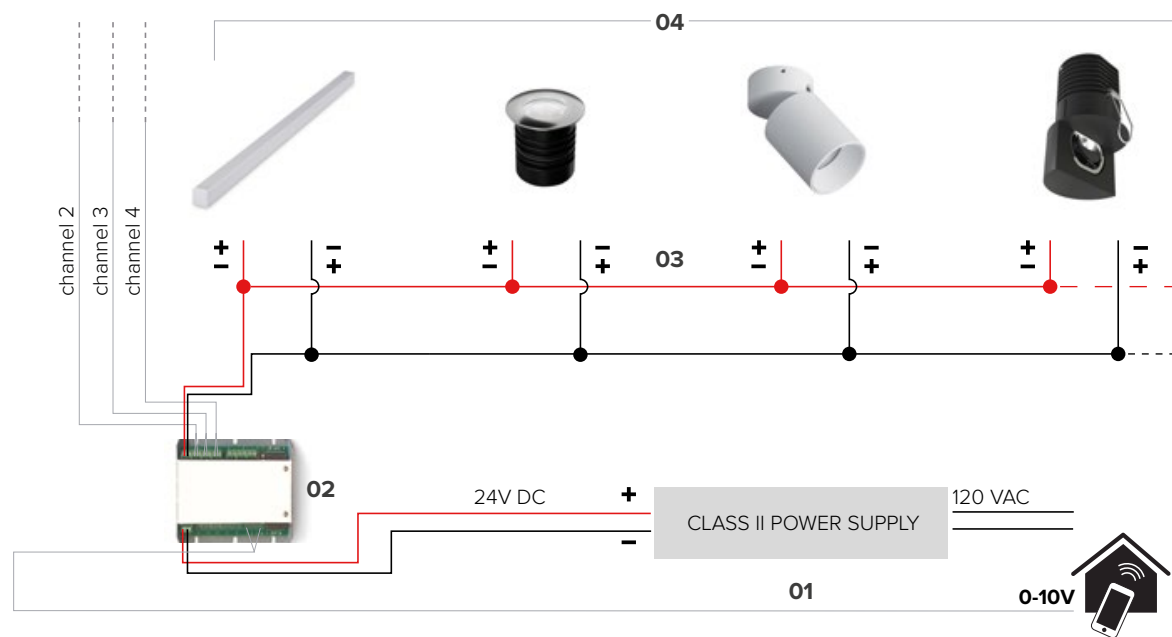
- 01 Choose a 24V DC / 48V DC (constant voltage) 0-10V Class II power supply present in the list of required accessories and always add a spare 20% as safety margin.  
**For a perfect dimming, it is necessary that the power supply is saturated to 100%**
- 02 Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 03 Luminaires are to be wired to power supply via **parallel wiring**



## #08

## 0-10V DIMMING: 24V DC

- 01** Choose a 24V DC / 48V DC (constant voltage) 0-10V Class II power supply present in the list of required accessories and always add a spare 20% as safety margin
- 02** 24V DC dimmer interface, SMART DIMM MASTER 4 (code 69116).  
24V DC: maximum load 240W, four synchronized channels and maximum load 100W per channel
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires are to be wired to power supply via **parallel wiring**



## #09

## DMX DIMMING: 24V DC

- 01** Choose a 24V DC / 48V DC (constant voltage) Class II power supply present in the list of required accessories and always add a spare 20% as safety margin
- 02** 24V DC dimmer interface, SMART DIMM SLAVE 4 (code 69117).  
Maximum load 240W, four independent channels and maximum load 100W per channel
- 03** Unpolarized connection: B LIGHT luminaires do not require to observe the polarity (+/-)
- 04** Luminaires are to be wired to power supply via **parallel wiring**

