



**ELECTRICITY**  
1G, 2G, 3G & 4G  
PREMIUM LED PUSH DIMMER

UK-DI-CO-1G-LED-A  
UK-DI-CO-2G-LED-A  
UK-DI-CO-3G-LED-A  
UK-DI-CO-4G-LED-A



BUSTERANDPUNCH.COM

### DIMMER TECHNICAL SPEC.

#### DIMMER STYLE:

1G, 2G, 3G, 4G PREMIUM LED PUSH DIMMER.  
RATED AT 230-240V 50HZ PER GANG

LED / CFL	HALOGEN / INCANDESCENT	
	1 GANG	2,3,4 GANG
<b>1,2,3,4 GANG</b>		
5-120w max	400w max	250w max.

### IMPORTANT NOTES

#### Please read before installing.

- These products must be installed in accordance with the latest Building and IEE wiring regulations. If in any doubt, please contact a qualified electrician.
- This dimmer is **only suitable for incandescent, halogen, dimmable LED and dimmable LED-filament bulbs**, but is not suitable for non dimmable LED or any CFL bulbs.
- Dimmer comes set at Leading Edge as factory default. Please check with an electrician that your circuit is Leading Edge if not follow the instructions to change the mode of the dimmer.

### BACK BOXES

We recommend you to use a UK back box to install your product. Please note that the minimum recommended depth for the mounting box is 35mm. Back boxes are available to purchase from us, please see recommended sizes below:

DIMMER PLATE	RECOMMENDED BACKBOX
1G - 2G	1G UK Back box - SKU# ELB921
3G - 4G	2G UK Back Box - SKU# ELB922

### RECYCLING ELECTRICAL PRODUCTS

Buster and Punch encourages all of its customers to make note of this symbol and avoid putting any waste electrical goods in your domestic waste bin or container. Please ensure you take your waste electrical goods to a suitable facility for disposal.



### MINIMUM BRIGHTNESS LEVEL SETTING

How to set the minimum brightness level:

Operate steps of Dimmer and Switch	Actions
1.	With the Lamp in an OFF state, at max. position, push ON and wait 5 seconds until lamp stabilises.
2.	Turn to min. position. Push OFF and push ON at min. brightness level.
3.	Turn to max. position. Push OFF and push ON again. The lamp will appear to flash once at half-brightness level. You have now entered Minimum Dim Set Mode.
4.	Set your desired min. brightness level. Push OFF and ON once. The lamp will appear at half-brightness level then return to normal brightness level. It has now configured and saved your settings.

Each step must be performed within 10 seconds, if not, it will time out and auto exit the programme without saving. If you wish to terminate the setting mode, push OFF whilst the lamp is flashing.

### MODE SETTING

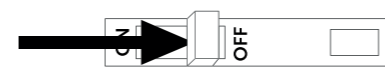
How to set Trailing Edge (TE) or Leading Edge (LE) Mode. (Factory default is TE mode):  
To set LE mode follow steps 1-4. To revert back to TE mode, follow steps 1-3 and 5.

Operate steps of Dimmer and Switch	Actions
1.	Set the lamp to min. position whilst in OFF state. Wait for around 5 seconds to push ON, until the lamp appears stable.
2.	Turn to max. position. Push OFF and push ON.
3.	Turn to min. position, push OFF and push ON again. Lamp will appear to flash 4 times at half-bright level. You can now either follow step 4 to enter TE mode or step 5 to enter LE mode.
To Select LE mode (for special required)	
4 (LE mode)	Turn to max. position, push OFF and push ON at max brightness level to confirm and save setting with flash 3 times.
To select TE mode (Factory default)	
5 (TE mode)	At min. position, push OFF and push ON at min. brightness level to confirm and save your desired setting. The lamp will flash once.

Each step must be performed within 10 seconds, if not, it will time out and auto exit program without saving.

### INSTALLATION

- Before commencing work, isolate the mains power supply and remove the fuse in the fuse box or switch off the circuit breaker in the consumer unit.



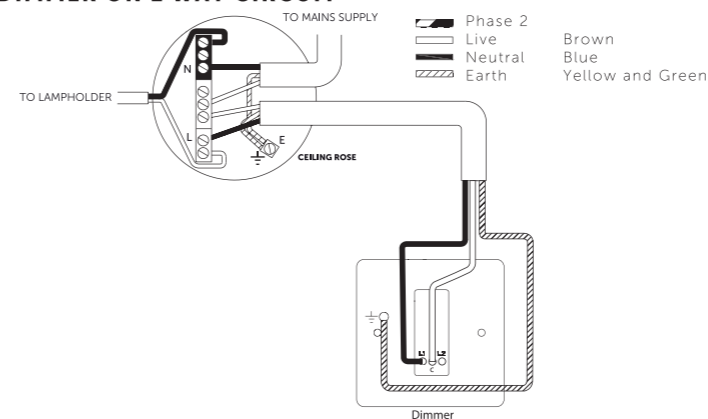
- If unit is to be used as a replacement for an existing product, remove existing unit from its location and disconnect the wiring.

**CAUTION:**  
Verify power is OFF to switch before proceeding.

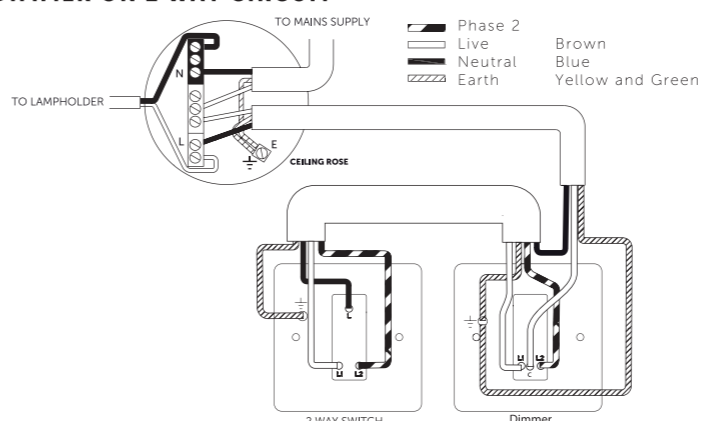
- Connect the wires as shown in appropriate wiring diagrams. Use green/yellow sleeving on earth conductors not insulated. Ensure terminals are properly tightened and no bare wire is visible. Push back unit into moulding box making sure conductors are not trapped.

If installing standard incandescent bulbs, check the total load of the module is between 60W and 400W max.  
If installing LED bulbs, check the total load of the module is between 5W and 120W max.

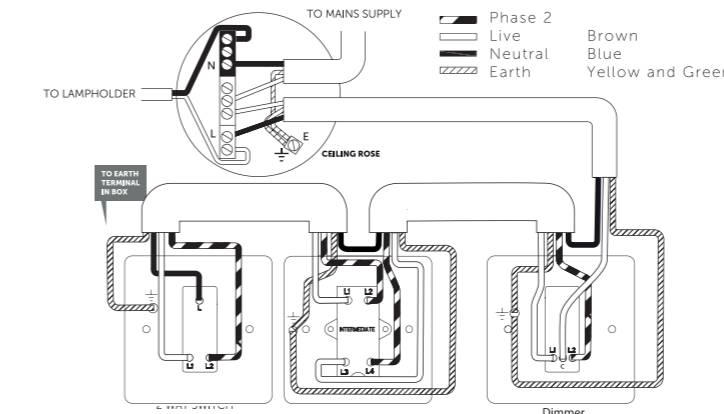
#### DIMMER ON 1 WAY CIRCUIT



#### DIMMER ON 2 WAY CIRCUIT

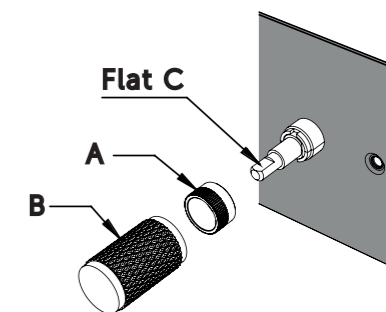


#### DIMMER ON 3 WAY CIRCUIT

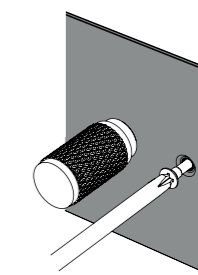


- Your product is supplied in 2 boxes, one box containing the switch plate and a further box containing the details kit. Open the details kit box and install the plate as follows.

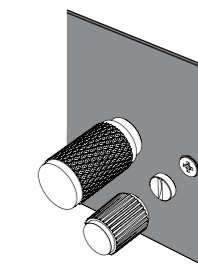
- By hand, screw nut **A** in place (orientate as shown). Align **Flat C** to the corresponding flat on the inside of the Dimmer Knob **B**. Push the dimmer knob in place by hand.



- Use a cross head electric or manual screwdriver to fit the special countersunk screws until tight\*.



- By hand, screw the coin caps into the end of the screws. Use the plastic coin cap tool to fully tighten the coin caps\*\*.

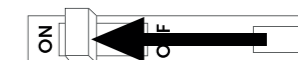


\* Please ensure screws are sufficiently tight to support the product but please do not over tighten as this may cause some deformation to the plate or damage the screw.

\*\* Do NOT use a standard screw driver to tighten the coin caps. This may damage the cap and is not covered under warranty. Plastic coin cap tool must be used by hand only.

- To reduce the risk of discolouration or tarnishing, avoid installation on wet plaster.

- Turn power back on.



# BUSTER + PUNCH

## ELECTRICITY / DIMMER SWITCH

TECH SPEC



1G DIMMER SWITCH  
**STEEL**



2G DIMMER SWITCH  
**BRASS**



3G DIMMER SWITCH  
**BLACK**



4G DIMMER SWITCH  
**BLACK / BRASS**

### DIMMER SWITCH

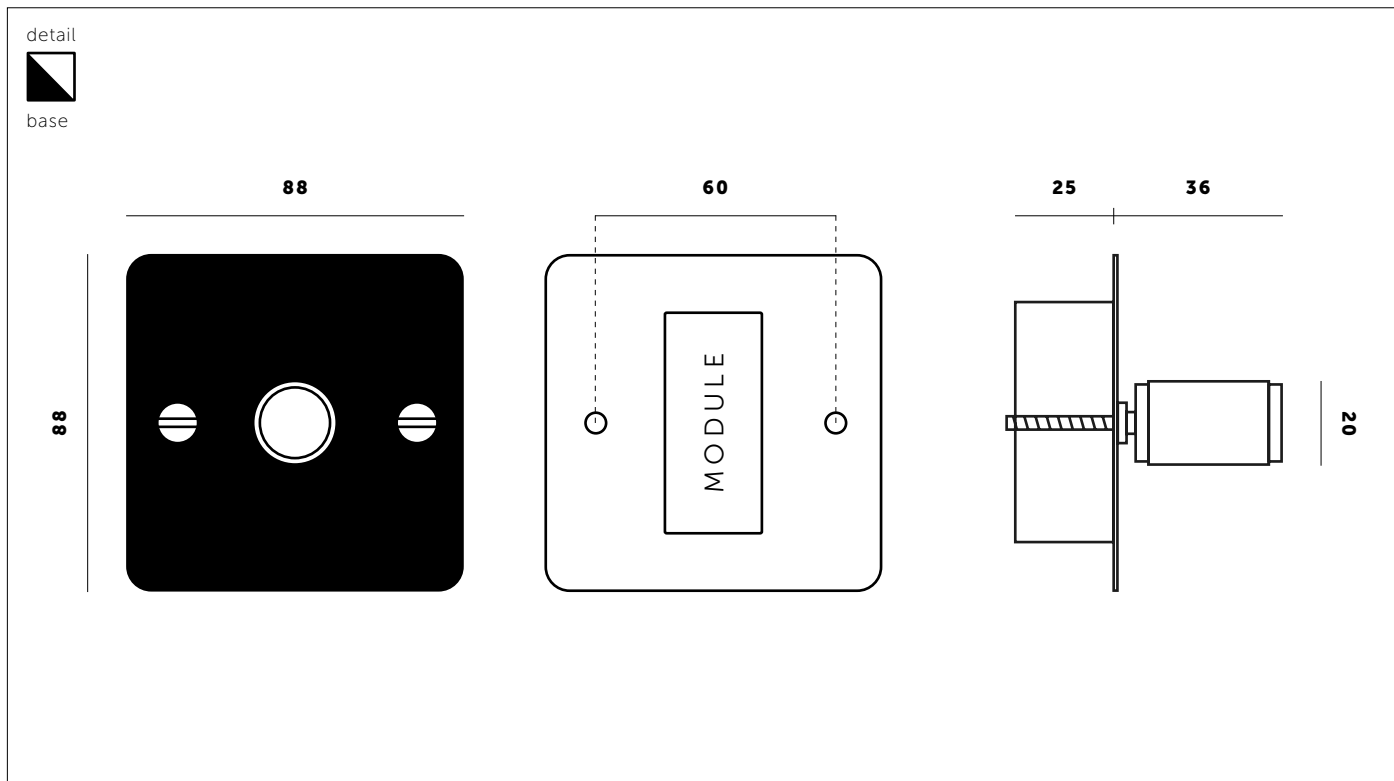
A dimmer switch made from solid metal with a diamond-cut knurled knob to feel amazing with every touch. The dimmer is finished with a flat plate and our signature solid metal penny buttons. Choose between Premium & Standard dimmer controls, read more on the following pages.

[busterandpunch.com](http://busterandpunch.com)  
[info@busterandpunch.com](mailto:info@busterandpunch.com)

# BUSTER + PUNCH

## 1G DIMMER SWITCH

### TECH SPEC



#### SPECIFICATIONS

Single dimmer  
 2-way  
 230-240V ~50Hz per gang  
**Dimmer module included:**  
 Halogen / Incandescent: 60-400w. LED / CFL: 5-120w

**Dimmer module options available for purchase:**

- Low voltage module (1-10V)
- Dummy module (on / off switch)
- Intermediate dummy module (on / off switch)

CE-tested for use throughout Europe.

**Recommended back box:**

1G square back box - 47mm depth  
 Can be supplied on request

**Care instructions**

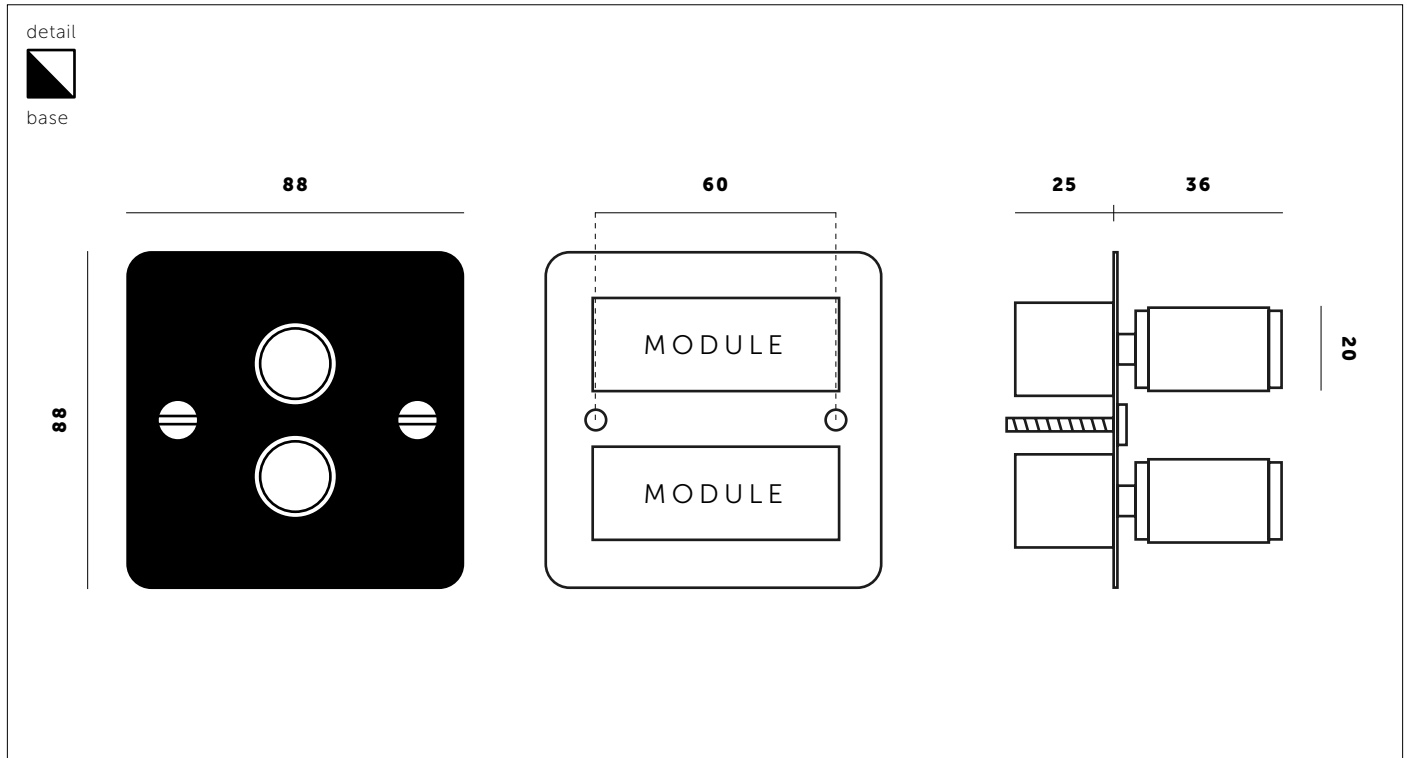
Wipe with damp cloth with no loose hairs, avoid using any chemicals. Please note all finishes are prone to aging.

FINISH (base / detail)	SKU	FINISH (base / detail)	SKU
white	UK-DI-CO-1G-WH-A	smoked bronze	UK-DI-CO-1G-SM-A
white / brass	UK-DI-CO-1G-WH-BR-A	smoked bronze / brass	UK-DI-CO-1G-SM-BR-A
steel	UK-DI-CO-1G-ST-A	black	UK-DI-CO-1G-BL-A
steel / brass	UK-DI-CO-1G-ST-BR-A	black / brass	UK-DI-CO-1G-BL-BR-A
brass	UK-DI-CO-1G-BR-A		

# BUSTER + PUNCH

## 2G DIMMER SWITCH

### TECH SPEC



**SPECIFICATIONS**

Double dimmer  
 2-way  
 10 AX  
 230-240V ~50Hz per gang  
**Dimmer module included:**  
 Halogen / Incandescent: 60-250w. LED / CFL: 5-120w

**Dimmer module options available for purchase:**

- Low voltage module (1-10V)
- Dummy module (on / off switch)
- Intermediate dummy module (on / off switch)

CE-tested for use throughout Europe.

**Recommended back box:**

1G square back box - 47mm depth  
 Can be supplied on request

**Care instructions**

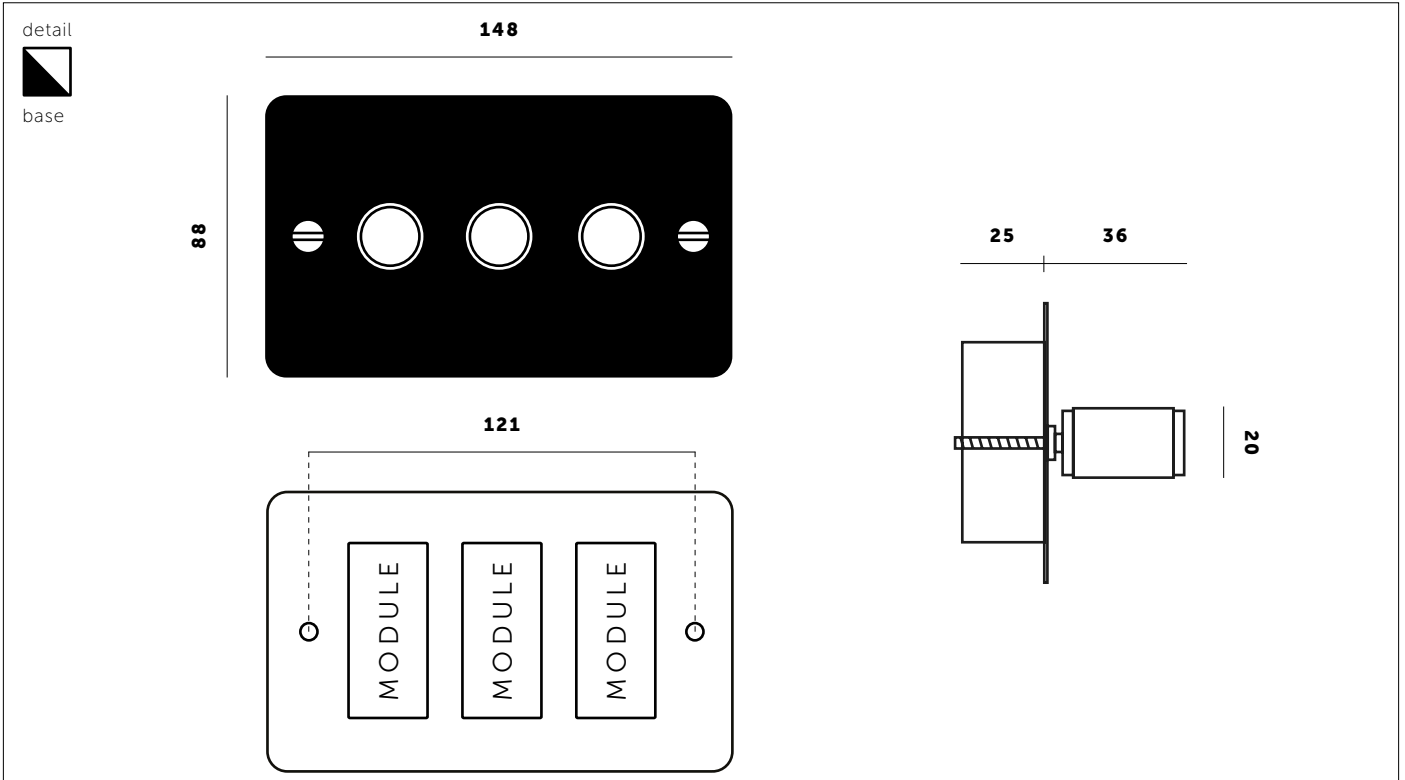
Wipe with damp cloth with no loose hairs, avoid using any chemicals. Please note all finishes are prone to aging.

FINISH (base / detail)	SKU	FINISH (base / detail)	SKU
white	UK-DI-CO-2G-WH-A	smoked bronze	UK-DI-CO-2G-SM-A
white / brass	UK-DI-CO-2G-WH-BR-A	smoked bronze / brass	UK-DI-CO-2G-SM-BR-A
steel	UK-DI-CO-2G-ST-A	black	UK-DI-CO-2G-BL-A
steel / brass	UK-DI-CO-2G-ST-BR-A	black / brass	UK-DI-CO-2G-BL-BR-A
brass	UK-DI-CO-2G-BR-A		

# BUSTER + PUNCH

## 3G DIMMER SWITCH

### TECH SPEC



**SPECIFICATIONS**

Triple dimmer  
 2-way  
 230-240V ~50Hz per gang  
**Dimmer module included:**  
 Halogen / Incandescent: 60-250w. LED / CFL: 5-120w

**Dimmer module options available for purchase:**

- Low voltage module (1-10V)
- Dummy module (on / off switch)
- Intermediate dummy module (on / off switch)

CE-tested for use throughout Europe.

**Recommended back box:**  
 2G square back box - 47mm depth  
 Can be supplied on request

**Care instructions**

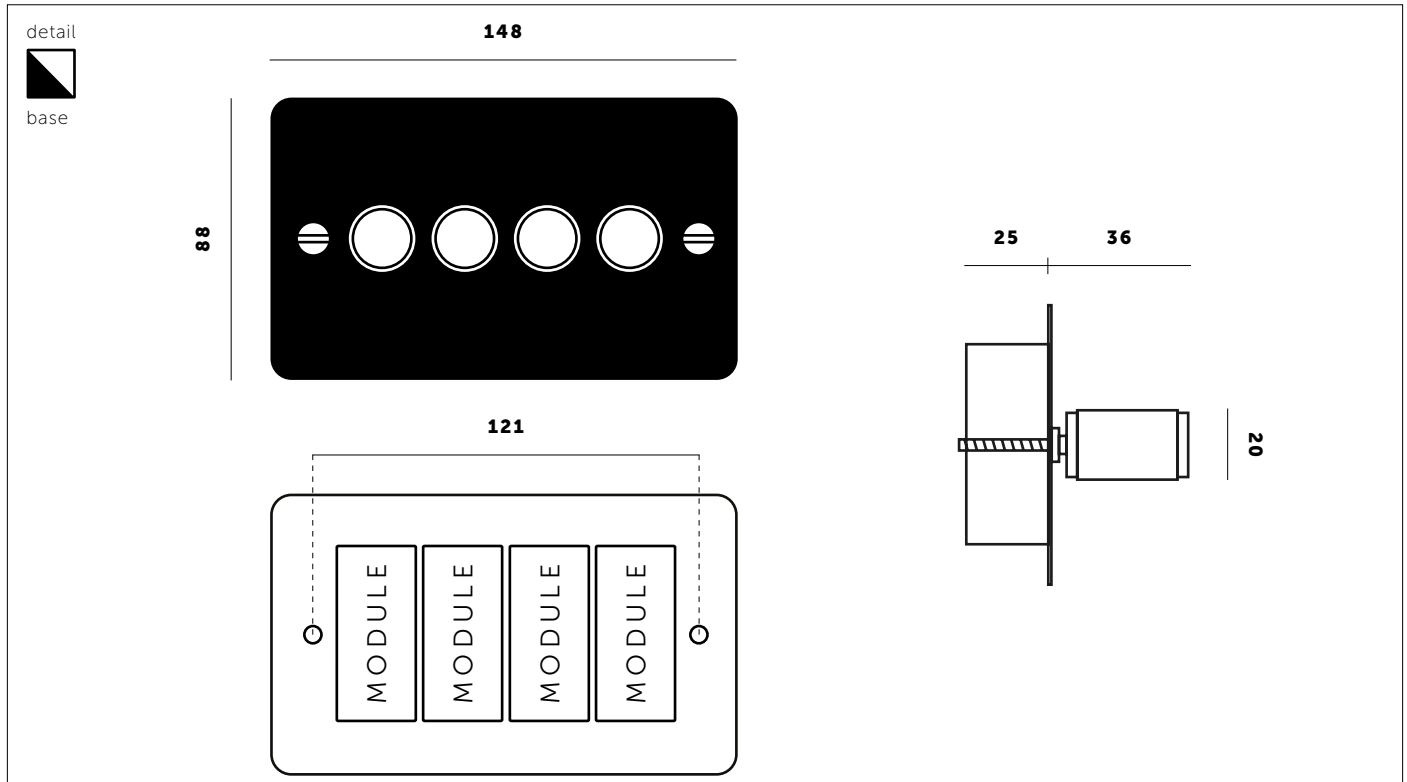
Wipe with damp cloth with no loose hairs, avoid using any chemicals. Please note all finishes are prone to aging.

FINISH (base / detail)	SKU	FINISH (base / detail)	SKU
white	UK-DI-CO-3G-WH-A	smoked bronze	UK-DI-CO-3G-SM-A
white / brass	UK-DI-CO-3G-WH-BR-A	smoked bronze / brass	UK-DI-CO-3G-SM-BR-A
steel	UK-DI-CO-3G-ST-A	black	UK-DI-CO-3G-BL-A
steel / brass	UK-DI-CO-3G-ST-BR-A	black / brass	UK-DI-CO-3G-BL-BR-A
brass	UK-DI-CO-3G-BR-A		

# BUSTER + PUNCH

## 4G DIMMER SWITCH

### TECH SPEC



**SPECIFICATIONS**

Quadruple dimmer  
 2-way  
 230-240V ~50Hz per gang  
**Dimmer module included:**  
 Halogen / Incandescent: 60-250w. LED / CFL: 5-120w

**Dimmer module options available for purchase:**

- Low voltage module (1-10V)
- Dummy module (on / off switch)
- Intermediate dummy module (on / off switch)

CE-tested for use throughout Europe.

**Recommended back box:**

2G square back box - 47mm depth  
 Can be supplied on request

**Care instructions**

Wipe with damp cloth with no loose hairs, avoid using any chemicals. Please note all finishes are prone to aging.

FINISH (base / detail)	SKU	FINISH (base / detail)	SKU
white	UK-DI-CO-4G-WH-A	smoked bronze	UK-DI-CO-4G-SM-A
white / brass	UK-DI-CO-4G-WH-BR-A	smoked bronze / brass	UK-DI-CO-4G-SM-BR-A
steel	UK-DI-CO-4G-ST-A	black	UK-DI-CO-4G-BL-A
steel / brass	UK-DI-CO-4G-ST-BR-A	black / brass	UK-DI-CO-4G-BL-BR-A
brass	UK-DI-CO-4G-BR-A		

# BUSTER + PUNCH

## DIMMER MODULES

### TECH SPEC

MINIMUM BRIGHTNESS LEVEL SETTING		MODE SETTING	
How to set the minimum brightness level:		How to set Trailing Edge (TE) or Leading Edge (LE). (Factory default is TE mode): To set LE mode follow steps 1-4. To revert back to TE mode, follow steps 1-3 and 5. Mode.	
Operate steps of Dimmer and Switch		Operate steps of Dimmer and Switch	
Actions		Actions	
1		1	
	With the Lamp in an OFF state, at max. position, push ON and wait 5 seconds until lamp stabilises.		Set the lamp to min. position whilst in OFF state. Wait for around 5 seconds to push ON, until the lamp appears stable.
2		2	
	Turn to min. position. Push OFF and push ON at min. brightness level.		Turn to max. position. Push OFF and push ON.
3		3	
	Turn to max. position. Push OFF and push ON again. The lamp will appear to flash once at half-brightness level. You have now entered Minimum Dim Set Mode.		Turn to min. position, push OFF and push ON again. Lamp will appear to flash 4 times at half-bright level. You can now either follow step 4 to enter TE mode or step 5 to enter LE mode.
<p>Each step must be performed within 10 seconds, if not it will time out and auto exit the programme without saving. If you wish to terminate the setting mode, push OFF whilst the lamp is flashing.</p>		To Select LE mode (for special required)	
		TE auto mode	
		To select TE mode (Factory default)	
		LE mode	
		<p>Each step must be performed within 10 seconds, if not, it will time out and auto exit program without saving.</p>	

# DIMMER SWITCH

## FAQ SHEET PAGE

CATEGORY	QUESTION	ANSWER
<b>GENERAL</b>	How do I clean my electricity collection?	A slight damp microfiber cloth is best, never use any chemicals as this will damaged the metal surface.
<b>BACK BOXES</b>	What size back boxes do you recommend?	<b>1G:</b> W 70mm x H 70mm x D 47mm, square back box <b>2G:</b> W 140mm x H 70mm x D 47mm, square back box Back boxes can be supplied on request.
<b>DIMMER</b>	Are your dimmer modules 2-way?	Yes, all of our switches and dimmers are 2-way.
<b>DIMMER</b>	Are your dimmer modules 3-way?	Yes we do stock an intermediate dummy dimmer which operates like a on/off switch unfortunately it does not dim. Please contact us if you are interested in adding these to your order
<b>DIMMER</b>	Do you stock 1-10 V dimming modules?	Yes we do stock 1-10V dimming modules. Please contact us if you are interested in adding these to your order.
<b>DIMMER</b>	The knob on my dimmer is wobbly, is this normal?	Yes, this is due to the weight of the solid brass and steel dimmer knob.
<b>DIMMER</b>	The electricity screws you have provided are too short for my walls?	You can purchase screw extensions which will give you another 15-20 mm's of length. <ul style="list-style-type: none"> <li>• For <b>UK back box:</b> M3.5 screw extenders.</li> <li>• For <b>Swedish back boxes:</b> M3 screw extenders.</li> </ul>
<b>DIMMER</b>	Who do you specify for your dimming modules?	We have our own brand of premium dimmer modules, but we also stock some Varilight dimmers which are specially adapted to work with our dimmer plates and dimmer knobs.
<b>DIMMER</b>	My dimmer seems to keep on rotating and wont stop?	You have a faulty dimmer we will replace this for you. Please contact Buster + Punch for any faulty product. Please supply photos or videos.
<b>DIMMER</b>	My lights are flickering or flashing?	<b>One of the following can cause this problem:</b> <ul style="list-style-type: none"> <li>• You are below the minimum wattage.</li> <li>• You are above the maximum wattage.</li> <li>• You are running LED's and incandescent lights on the same circuit.</li> <li>• You are running LED's on a standard dimming module.</li> <li>• You bulbs are not compatible with our dimming modules.</li> </ul>
<b>DIMMER</b>	My plate / light switch seems to get very hot?	This is not good, Please turn off the power and contact an electrician immediately. Most likely they are overloading the dimming module by going over the maximum wattage.
<b>DIMMER</b>	I am struggling to install my dimmer, can you please help / advise?	No, we strongly recommend you contact a certified electrician to install our products for you.
<b>DIMMER</b>	Are your dimmers suitable for use in the US?	No, our dimmers are not suitable for US use. Our dimmer are only suitable for European use due to the CE-certification.
<b>DIMMER</b>	Are your dimmers suitable for other architectural dimming systems?	The dimmers are compatible with Lutron and Rako dimming system but not certified or tested on DALI systems.