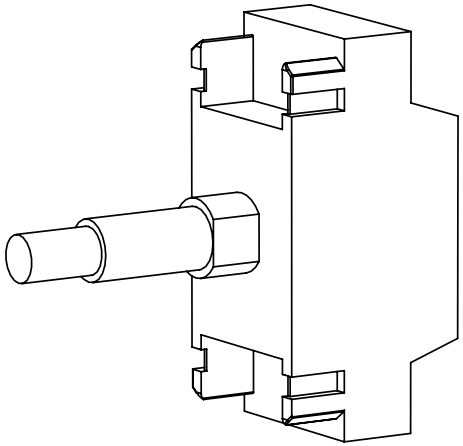
BUSTER+PUNCH
LONDON

ELECTRICITY

DIMMER MODULE / 1-10V / 2-WAY

CDM-142041



For assembly, refer to **MODULAR ASSEMBLY MANUAL** for your region.

TECHNICAL SPECIFICATION
1-10V 2-Way Dimmer Module
250V ~ 50Hz 6A

IMPORTANT!
This product must be installed by a qualified professional. Turn off the power at the breaker prior to installing this product.

WARRANTY INFORMATION
The Warranty Period of Two (2) years from the date of the original purchase.

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L0286

CE UKCA

OVERVIEW

This dimmer switch is designed for high frequency dimmable ballasts that require a 0–10V or 1–10V control signal.

IMPORTANT: READ ALL SECTIONS BELOW BEFORE INSTALLING THIS SWITCH.

This product must be installed in accordance with the latest Building and IEE wiring regulations. If in any doubt, please contact a qualified electrician.

LOADING

This dimmer switch is designed to work with one or multiple dimmable ballasts up to 20mA.
The mains switch is rated at 230V a.c. 6A maximum.

Do not use this dimmer switch for any other purpose.
The dimmer switch will be damaged if used for these applications.

Do not connect the 1–10V control terminals to the mains.
Incorrect use will make your guarantee invalid.

WARNING: The switch in this product is rated at 6A. Check the in-rush current for LED bulbs or drivers does not exceed 6A before connecting. Fit inrush current limiters where necessary.

WARRANTY

For FAQs and return information, please visit: **https://www.busterandpunch.com/pages/support**

For warranty information, please visit: **https://www.busterandpunch.com/pages/warranty**

HEAD OFFICE / UK Bittern Way, Peterborough, PE2 8TY, UK
REG ADDRESS / EU Grzybowska 2/29, 00-131 Warszawa, PL

Please record the batch number printed on theside of the plastic moulding on the rear of the product. This will assist us in providing any technical support you may require. INSTALLERS: Please leave these instructions with your customer for future reference.	**F**
BATCH NO:	**REG. F007**

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.

FITTING YOUR DIMMER

Read the instructions below carefully.

Incorrect installation may damage the dimmer beyond repair. In case of any doubt or difficulty consult a qualified electrician.

1. Switch off at the mains, then remove the existing switch and disconnect the wiring from the switch terminals at the rear, taking note of the present wiring of the switch and the marking on the terminals. Where there are two or more wires together in the old switch, they must be kept together in the dimmer switch.

2. Most models can be fitted into a box with a minimum depth of 25mm, i.e. a normal plaster depth flush box or a normal surface mounted switch box. A box having 4 fixing lugs cannot be used without modifying it. The top and bottom lugs must be broken off or bent flat.

3. To connect the wiring for 1-way circuits or for 2-way circuits refer to the diagrams overleaf. If you are using a dimmer switch in a 2-way circuit then you can only use one dimmer switch in the circuit, an ordinary switch must be at the other end. Take care that no bare wires project out of the terminals. Keep wires together in a terminal if they were together in your old switch.

4. Use screened 2-core cable for the 1–10V control signal. The outer (screening) conductor should be earthed at one end. Do not connect the 1–10V control terminals to the mains.

5. Dimmer switches having a metal front plate must be earthed by means of the earthing point provided on the dimmer.

6. After connecting the wires screw the dimmer switch gently into the wall box so that the front plate is not distorted or cracked. Do not trap the wiring between the rear of the dimmer and the back of the wall box. Once installation is complete. Switch on the mains supply and switch on the dimmer, turning the control knob to give the desired light level.

WARNING!

DO NOT APPLY PRODUCTS WITH METAL FACEPLATES DIRECTLY TO FRESHLY PLASTERED OR DAMP SURFACES AS PRODUCT MAY TARNISH. IF IN DOUBT, USE POLYTHENE AS A TEMPORARY GASKET TO PROTECT THE PRODUCT. DO NOT USE MASKING TAPE ON METAL FACEPLATES.

WARNING!

THE SWITCH IN THIS PRODUCT IS RATED AT 6A. CHECK THE IN-RUSH CURRENT FOR LED BULBS OR DRIVERS DOES NOT EXCEED 6A BEFORE CONNECTING. FIT INRUSH CURRENT LIMITERS WHERE NECESSARY.

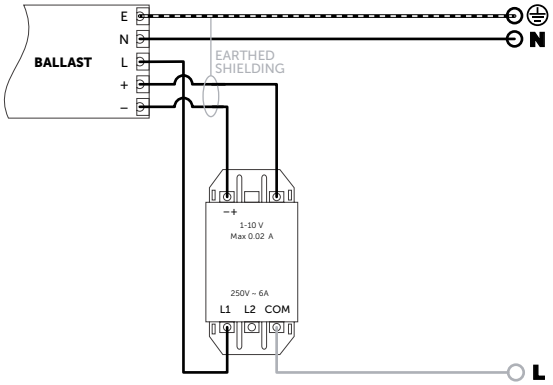
Connect the wires as shown in appropriate wiring diagrams. Ensure the correct colour of cable insulation is used to comply with local building regulations. Use sleeving on earth conductors that are not insulated. Ensure terminals are properly tightened and no bare wire is visible. Push back unit into back box making sure conductors are not trapped.

BEFORE COMMENCING WORK, ISOLATE THE MAINS POWER SUPPLY AND REMOVE THE FUSE BOX OR SWITCH OFF THE CIRCUIT BREAKER IN CONSUMER UNIT.



2a 1-WAY CIRCUITS

A 1-way lighting circuit is a circuit in which the lighting is controlled from one location.
A push-on/push-off dimmer switch has the advantage that it can be switched on and off with a push action, while keeping the lighting at the level chosen.
When installing this product into a 1-way lighting circuit, copy the wiring configuration for the dimmer switch below. If retrofitting this product, the wires from your old switch can be connected either way round to the "C" and "L1" terminals of the dimmer switch. There is a spare terminal (L2) that you will not need to use for a 1-way circuit. You will then need to connect the signal wires from the ballast to the signal side of the dimmer (+ & -).



2b 2-WAY CIRCUITS

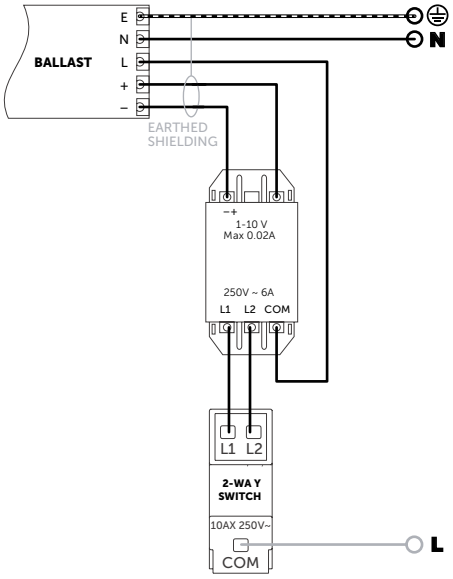
2-way lighting circuits have two switches switching lights from two different locations (e.g. at the top and bottom of the stairs). In this configuration there must be one dimmer maximum per circuit.

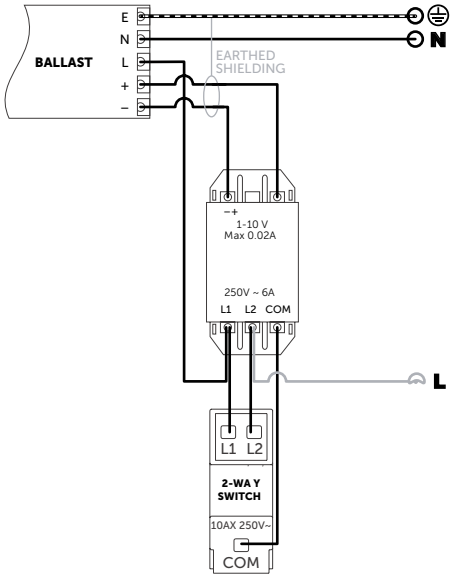
If retrofitting this product, remove your old switch and copy the wiring configuration for your dimmer switch.

The wire(s) fitted in the "common" terminal of the old switch should be fitted into the "C" terminal of the dimmer switch. The wires fitted into the other two terminals of the old switch should be fitted either way round into terminals "L1" and "L2" of the dimmer switch. You will then need to connect the signal wires from the ballast to the signal side of the dimmer (+ & -).

NOTE: Dimmer switches have "C" next to "L1" & "L2" whereas most switches have "C" at the opposite end to "L1" & "L2".

NOTE: Maximum one dimmer per circuit.





[end. **ORDINARY.**]