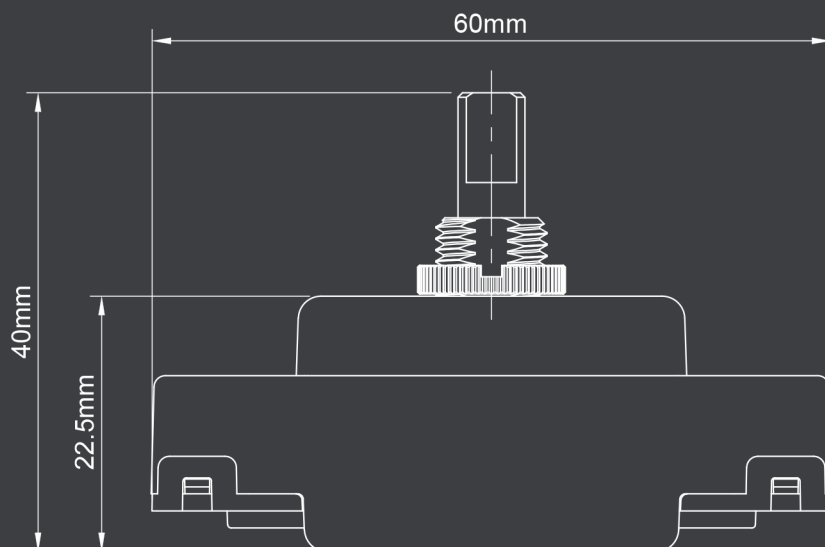
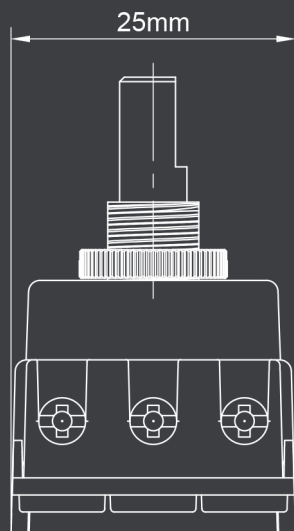




Markings & Standard(s) CE, UKCA, BS EN 60669-2-1

AC Terminal Operating Voltage 220-240V AC* (See page 2 for details)

AC Terminal Main Frequency 50Hz

Maximum Switchable AC Terminal Load 1000W* (See page 2 for details)

Switch Type 2 Way

Dimming Protocol DC 1-10V

Mounting Box Depth (Min) 25mm

Terminal Capacity 1 x 4mm² / 1 x 2.5mm² / 3 x 1.5mm² / 4 x 1mm²

AC Terminal Markings C, L1, L2

DC Terminal Markings Dim+, Dim-

Neutral Required No

Short Circuit Protection N/A

Overload/Overcurrent Protection N/A

Thermal Protection N/A

Soft Start N/A

Power Failure N/A

Memory N/A

Min/Max Level Setting N/A

Driving Mode N/A

Product Dimensions 60mm x 40mm x 25mm

Climate Range 0°C to 40°C, Humidity 0% to 95% non-condensing

Recommended Location Indoor use only

Maximum Installation Altitude 2000m

IP Rating IP2XD

Trademarks Enkin is a registered trademark and trading name of Trade Ivy Ltd. Registered in England Number: 10809945. Copyright © 2024



Operating Voltage* (Ref. wiring diagrams 2 & 3)	240V ac ~ 50 Hz
Max Load* (Ref. wiring diagrams 2 & 3)	1000W
Dimming Technique	DC 1-10V
Compliance	BS EN 60669-2-1

* PLEASE NOTE: These operating Voltage & Max Load values are in reference to a switched mains load across the AC terminals only.

Applications:

- Dimming of Constant Current LED's when used in conjunction with a suitable SELV LED Driver or dimmable ballast.
- Dimmable Ballasts requiring a 1 - 10V control input.

Please Note This Dimmer Switch CANNOT be used for:

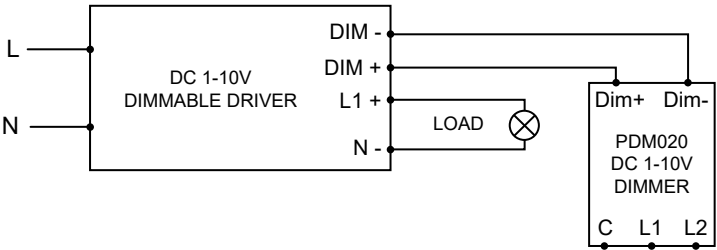
- Mains Voltage GLS or Halogen lamps.
- Electronic & Wire Wound low Voltage lighting transformers.
- Fans.
- Any electronic control gear that does not require a 1 - 10V control input.

On Off & Dimming Function:

Dimmer switch is activated by pressing the dimmer shaft only, dimming function by rotating the dimmer shaft only.

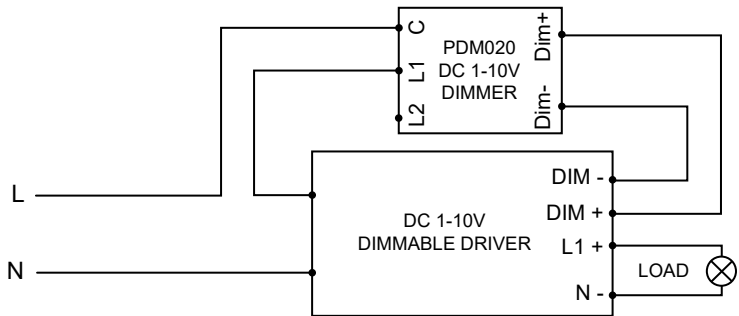


WIRING EXAMPLES



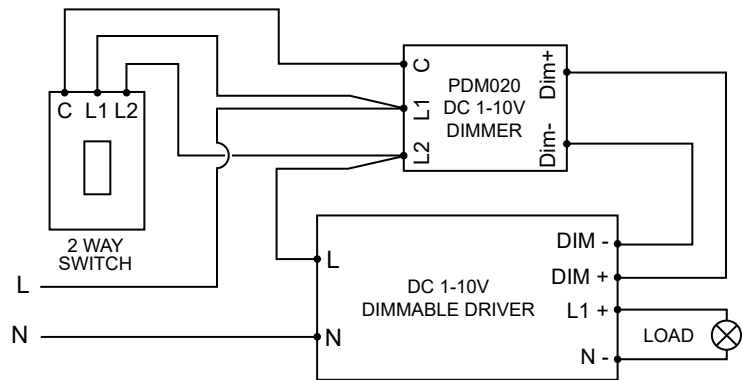
Example Wiring Diagram 1.

A typical setup with one PDM020 controlling a single dimmable driver.



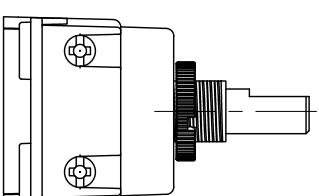
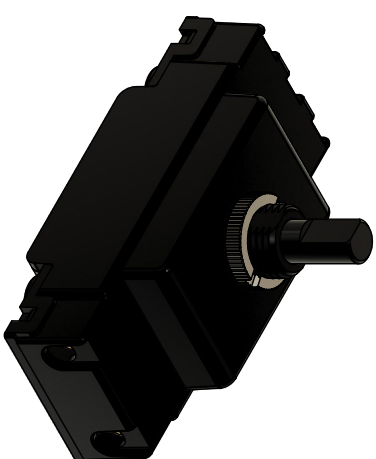
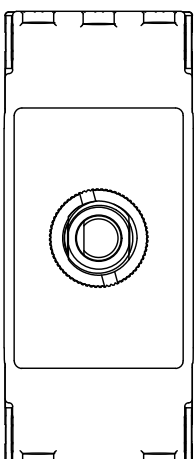
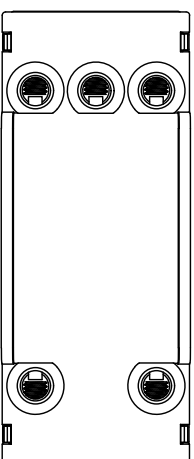
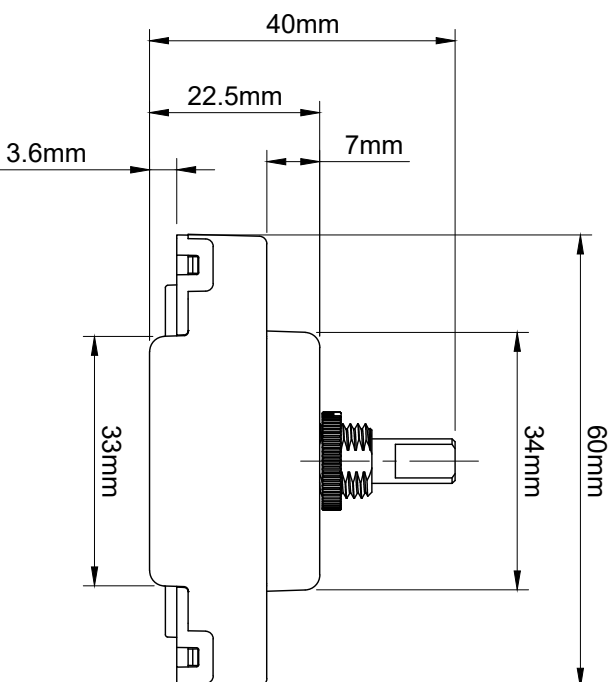
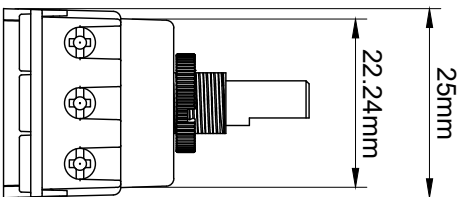
Example Wiring Diagram 2.

An example setup with one PDM020 controlling a single driver while also switching the driver's live input.



Example Wiring Diagram 3.

An example setup with one PDM020 controlling a single driver, while switching the driver's live input and also with a connected switch in a two way configuration.



PDM020 DC 1-10V Two Way Dimmer

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