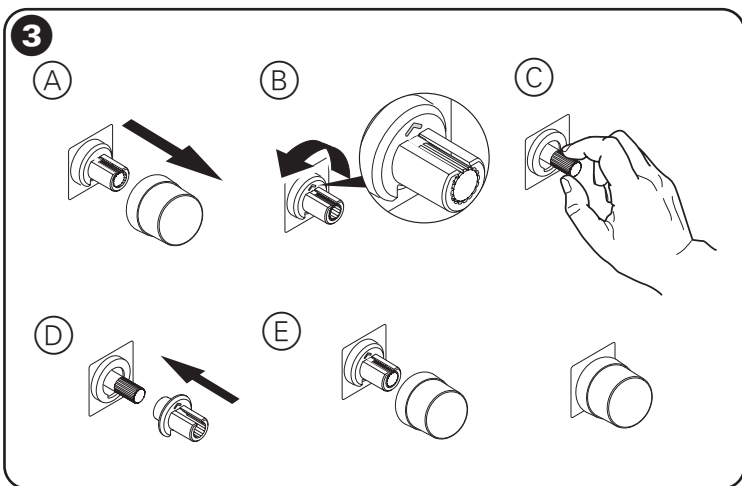
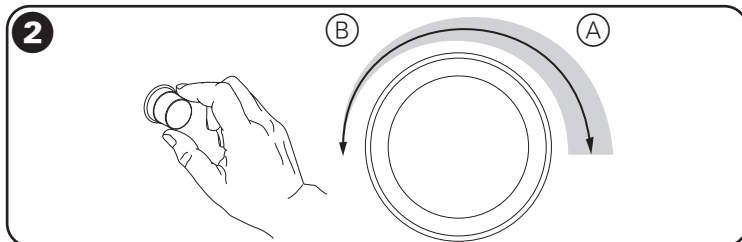
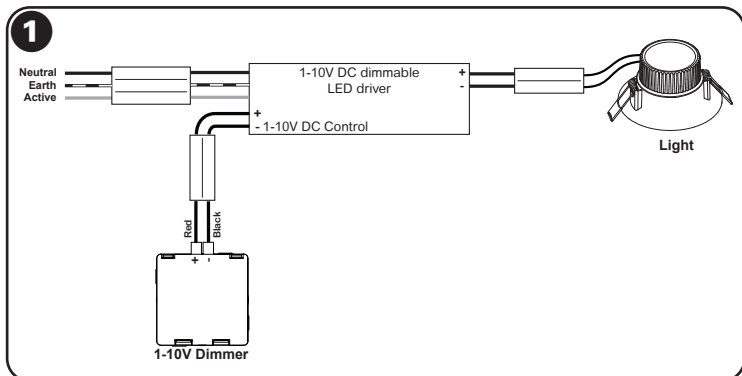


40ER110DM-VW
PDL300ER110DM-VW



Scan the QR code to
view the document online.



1-10V DC Rotary Dimmer

About the product

This dimmer provides passive 1-10V DC analogue control for LED drivers and other loads with 1-10V DC control inputs.

For your safety

⚠ DANGER

HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

- It is illegal for persons other than an appropriately licensed electrical contractors or other persons authorised by legislation to work on the fixed wiring of any electrical installation.
- To comply with all safety standards, the device must be used only for the purpose described in this instruction and must be installed in accordance with the wiring rules and regulation in the location where it is installed.
- There are no user serviceable parts inside the device.
- Connect to isolated (SELV) 1-10V DC driver control interfaces only.

Failure to follow these instructions will result in death or serious injury.

⚠ CAUTION

EQUIPMENT DAMAGED HAZARD

- Install the device according to instructions in this document.
- Do not use the device for any other purpose than specified in this instruction.

Failure to follow this instruction can result in injury or equipment damage.

Installation

- (1) Disconnect the power and open up the locking bar.

NOTE: On multi-gang plates, the locking bar is a single piece covering all cutouts.

- (2) Insert the dimmer into the grid plate.
- (3) Connect the wires to the dimmer as per the illustrations **1**.
- (4) Close the locking bar, making sure proper engagement by hearing a clear "click".

The dimmer is installed and ready to use.

1 Wiring diagram

Make wiring connections as per the illustration:

Red wire (+), Black wire (-)

2 Dimming and Brightening

With the light switched On:

- (1) Turn the knob clockwise **A** to brighten the light.
- (2) Turn the knob counter-clockwise **B** to dim the light.

3 Adjusting the Minimum Brightness Level

- (1) Remove the knob from the shaft **A**.
- (2) Remove the adapter.

NOTE: If the adapter remains on the shaft, rotate anti-clockwise until it stops **B**. Hold the adapter so the key-way of the adapter aligns with the slot in the body, then pull to remove the adapter.

- (3) Switch the light On.
- (4) Rotate the shaft until the desired minimum light level is reached **C**.

- (5) Hold the adapter so the key-way aligns with the slot, then slide the adapter onto the shaft **D**, ensuring that the key engages properly with the slot.
- (6) Push the knob onto the adapter ensuring that the flat keyway on the knob aligns with the flat keyway on the adapter. Then press the end of the knob until the knob is firmly seated on the adapter.

Technical data

Nominal voltage	1-10V DC
Current sink	max. 50 mA
Maximum number of connected devices	30
Wire configuration	2 wire(1-10V DC control loop)
Operating temperature	0°C ... 40°C
Case temperature	55°C
Operating humidity	5%-95% RH, non-condensing
IP rating	IP20
Compliance	Safety: AS/NZS 61347 EMC: AS CISPR15

Product dimensions

40 series/300 series	22.8 mm (H) x 22.8 mm (W) x 55.4 mm (D)
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NOTE: The device does not provide any power to the load, it is a passive current sink device only for use with 1-10V DC drivers.

Warranty information

We warrant this product for 7 years from date of installation.
To make a warranty claim, please reach out to customer care.

For consumer warranty claims in Australia visit [clipsal.com/warranty](https://www.clipsal.com/warranty).

Terms and Conditions

AU – <https://www.se.com/au/en/about-us/legal/terms-and-conditions/>

NZ – <https://www.se.com/nz/en/about-us/legal/terms-and-conditions.jsp>

Customer care

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