

Smart in-line dimmer module

INSTRUCTIONS

Our smart in-line dimmer module is designed so that it can be used with any smart hub, such as Amazon Alexa, Apple HomePod or Google Home. It uses Matter over Thread, which means your smart home system won't be limited by the effectiveness of your Wi-Fi.

For more information, take a look at our guide to using smart switches (you'll find this on our website).

The dimmer can be dually controlled by both a retractive switch and your smart system. Alternatively, wire it in with no switch and leave the control entirely down to your voice or smartphone or tablet. Use one dimmer per circuit to control all loads on that circuit.

FEATURES

- Matter Thread AC phase cut dimmer
- 100-240VAC wide input and output voltage
- Supports resistive loads, capacitive loads or inductive loads
- One channel output, up to 250W
- Trailing edge dimming
- Can operate under two-wire connection with no neutral or three-wire connection with neutral
- Advanced microprocessor control
- Active power and energy metering functionality
- Soft-start function
- Active element: semiconductor electronic switch
- Waterproof grade: IP20

SETTING THE MINIMUM BRIGHTNESS

Press and hold down the **min. set** button for three seconds to set minimum brightness.

- Set the dimmer to the desired brightness
- If the current brightness value is 1%-50%, it will be set as minimum brightness
- If the current brightness value is 100%, the previously set minimum brightness will be deleted

Once a minimum brightness is set, the connected load can't be dimmed below this level

SETTING THE START BRIGHTNESS

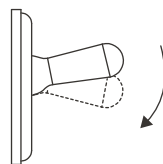
Short press the **min. set** button twice to set the startup brightness.

- Set the dimmer to the desired brightness
- If the current brightness value is 1%-50%, it will be set as the startup brightness
- If the current brightness value is 0%, the previously set startup brightness will be deleted

PAIRING MODE

After setting up your smart hub, press the **reset** button five times to make your dimmer discoverable. See our smart systems instructions for the rest of the setup process.

- Ensure your smart hub is fully up to date before trying to pair any modules.
- The load will flash three times to confirm the module is in pairing mode.

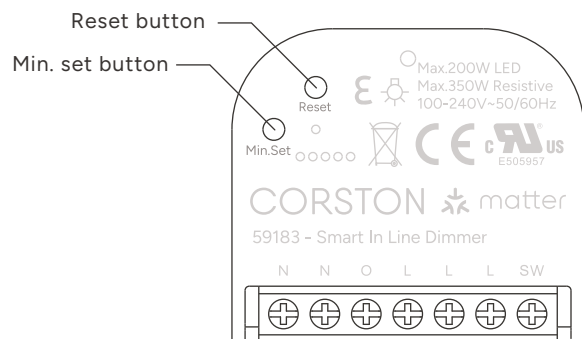


RETRACTIVE SWITCH





Short press down: on/off

Long press down: brighter/dimmer

Twin and earth cables between switches

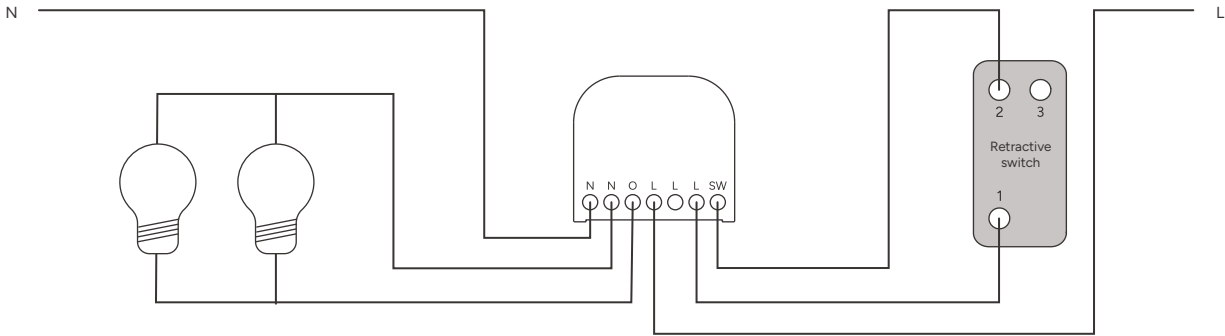


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Parameter	Value		
Supply voltage & frequency	100-240VAC ~ 50Hz		
Compatible loads		Dimmable LED lamps	200W@230V 100W@110V
		Dimmable LED drivers	200W@230V 100W@110V
		LV halogen lighting with electronic transformers	250W@230V 125W@110V
		Incandescent lighting, HV halogen lamps	200W@230V 100W@110V

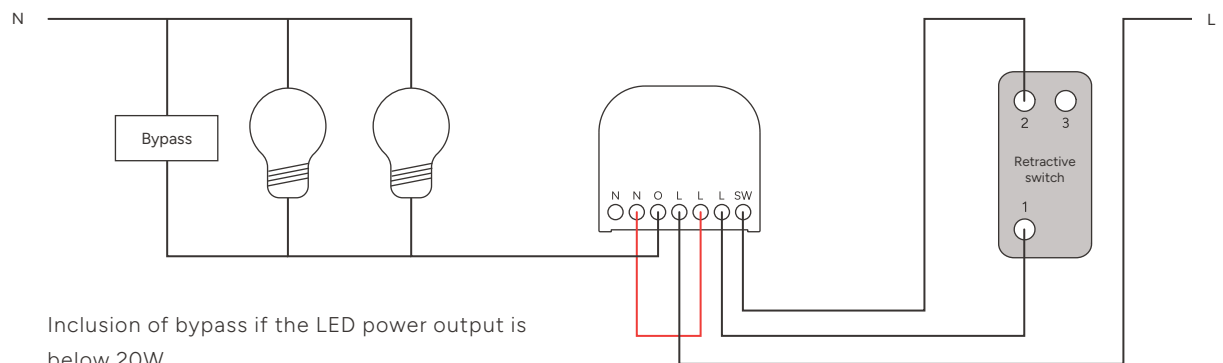
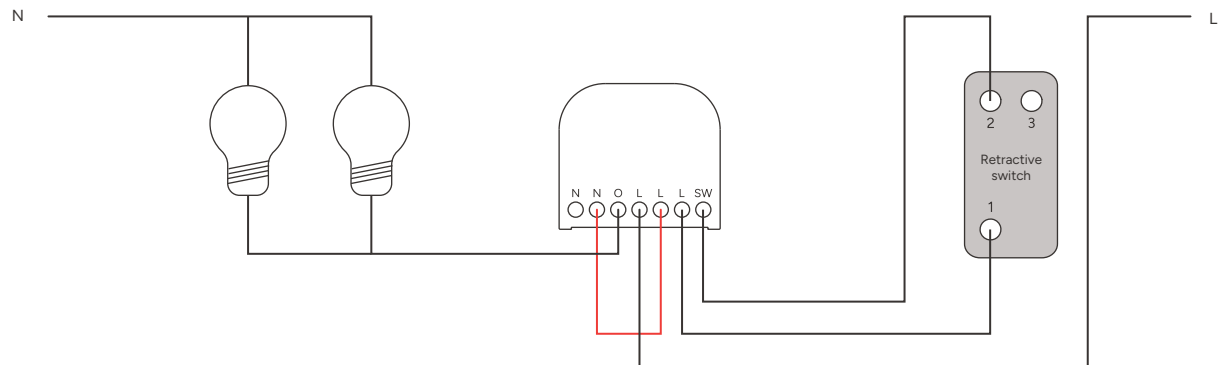
Please note: if the dimmer is wired without neutral and your LED has a power output of under 20W, a bypass module can be added as an extension to enhance the dimming range. See the wiring diagrams for method two.

METHOD ONE: WITH NEUTRAL



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METHOD TWO: WITHOUT NEUTRAL



Inclusion of bypass if the LED power output is below 20W.