



## ANALOGUE DIMMER SDA450U/LED

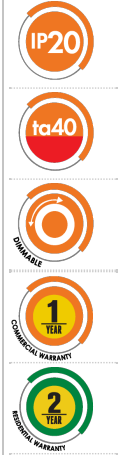
Multi-function analogue dimmer with soft start technology, optimised for LED loads

### Application

Residential and commercial lighting control requirements

### Design Specifications

- Multi-function trailing-edge analogue lighting load dimmer, with soft start technology
- 240V, maximum load up to 400W LED, minimum 2W, no neutral required, **supplementary ON/OFF switch control required.**
- Fits most popular switch plates, including the comprehensive range of PIXIE AMBIENCE electrical (switch plate) accessories
- Designed with over-heating protection, compliant with AS/NZS 60669 2.1
- Adjustable minimum DIM mech setting, utilizing the (manual) DIM dial rotation setting. For lighting loads with selectable half power options, always DIM using 100% selected power.
- Designed with thermal wind-back for overload and over-temperature protection



### Performance

- Dimmable - **YES**
- Dimmer Type - **Trailing edge**

Multi gang derating

No. of dimmers	Max. load per dimmer
1	400
2	340
3	280

Compatible Loads	Min. / Max. Loads	Notes
Dimmable LED lamps	2 - 400W	Due to variety of LED lamp designs and product tolerances, the maximum number of LED lamps is further dependent on the resultant power factor connected to the dimmer.
Incandescent/halogen	2 - 400W	
12V electronic transformer	2 - 400W	
Iron-core transformer	2 - 300W	Due to variety of transformer designs and product tolerances, the maximum LV lighting load is further dependent on the transformer efficiency.

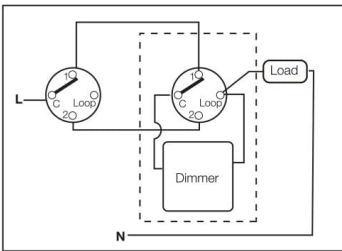
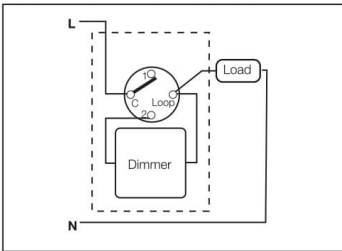
## Technical Specification

Product	Model No.	Input Voltage (V/AC)	Dimmable	Dim (mm)	Body Colour
	SDA450U/LED	240	YES	53(L) x 23(W) x 23(H)	GREEN

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## Dimensions

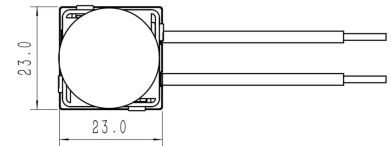
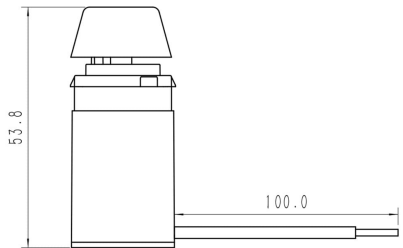
One-way or two-way operation wiring diagram



Wall-gang dimming

No. of Dimmers	Max. load per dimmer
1	400
2	240
3	200

Compatible Loads	Min. / Max. Load	Notes
Dimmable LED lamps	2 - 400W	Due to variety of LED lamp design and product tolerances, the maximum number of LED lamps is further dependent on the resistor power factor connected to the dimmer.
Incandescent/halogen	2 - 400W	
10V electronic transformer	2 - 400W	
Iron-core transformer	2 - 300W	Due to variety of transformer design and product tolerances, the maximum LV lighting load is further dependent on the transformer efficiency.



# THE NEW ESS106 IS SMALL IN SIZE BUT BIG ON FEATURES.



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