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# LEDsmart™ Push Button Switch



Wall plate  
not included

Range MESW / DGPB







**Overview** Designed in Australia to provide optimised switching of LED based lamps and drivers, this two-wire electronic switch mechanism has a minimum load rating of 1W.

As part of the LEDsmart™ range, this electronic switch enables LEDsmart™ dimmers, switches and timers to be combined onto the same wall plate, providing the user with a consistent look and feel.

<b>Features</b>	<b>Tap on / Tap off</b> light switch	<b>Programmable maximum level,</b> soft start and off state indicator	<b>1W minimum load</b>
	<b>Quiet, soft press button</b> – no harsh click	<b>Simple 3-step</b> programming	<b>Terminal block included</b> for AS3000 compliance
	<b>White LED,</b> illuminated bezel	<b>Fall back LED</b> Indicator	<b>Easy-fit</b> terminal block
	<b>Optional soft start</b> switch on	<b>Settable</b> Low brightness indicator	
	<b>Flush and rocker style</b> button options		



## Specifications

Compatible Load Types			
Load Symbol	Load Type	Maximum Load	Notes
	LED Lamps	400W	Maximum permitted number of drivers is 400W divided by driver nameplate power rating. Due to variety of LED lamp designs, maximum number of LED lamps is further dependent on power-factor result when connected to switch.
	Electronic Transformers	400W	
	Standard Iron-Core Transformers	250W	Due to variety of transformer designs, maximum LV lighting load is also dependent on transformer efficiency.
	Toroidal Iron-Core Transformers	300W	
	Incandescent	350W	
	CFLs	400W	Due to variety of CFL designs, maximum number is make/model dependant.

### Multi-gang de-rating

In applications where multiple devices are installed in a multi-gang plate, a de-rating factor is applied to the maximum load as follows

Number of devices per plate	De-rating factor
1	No de-rating
2	0.85
3	0.70
4	0.55
5	0.40
6	0.25

### De-rating example

Two switches installed in a wall plate. The maximum LED load which can be connected to each switch =  $400W \times 0.85 = 340W$  per switch

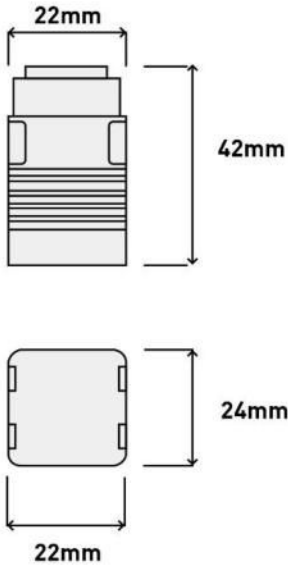
### Incompatible Load types

Ceiling Sweep Fans and Exhaust fans

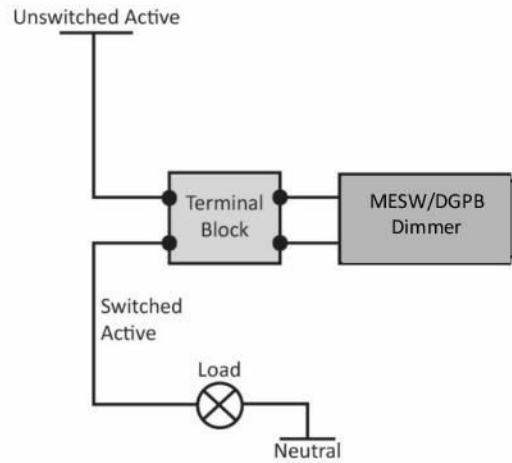
Nominal Line Voltage Amplitude Range	
Nominal Line Voltage Amplitude Range	220-240Vac
Line Voltage Frequency	50Hz Nominal (47-53Hz)
Rated Load	Refer Compatible Loads
Minimum Load	1W



## Dimensions



## Typical Electrical Connections



## Approvals & Compliance

IP20  

For further information contact:

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