

Datasheet

Excel Life™

350VA Electronic Push Button Dimmer – All Load



CAT. NO. EM400A3PWE, EM400A3PUG, EM400A3PBL, EM400A3PMW, EM400A3PMB



Cat. No.	EM400A3PWE	EM400A3PMW	EM400A3PBL	EM400A3PUG	EM400A3PMB
Colour	White (WE)	Matt White (MW)	Black (BL)	Urban Grey (UG)	Matt Black (MB)
Description	Electronic Push Button Dimmer – All Load				
Supply voltage	230 - 240 V a.c. 50 Hz				
Maximum Load	(Refer to derating chart on next page)				
Minimum Load	0 VA				
Operating Temperature	0° C to 50° C				
Humidity	10 to 90% RH (Non-condensing)				
Derating	Refer to derating chart				
Compliance	AS/NZS 3100				

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- Suitable for all loads (including LED dimmable devices)
- 3 Wire technology soft touch electronic push button.
- Multi-way dimming option, (Slave Dimmer EM800SLAVE series)
- Programmable LED indicator (see chart on next page)
- Programmable Soft Start mode, Max/Min light levels.
- Dimming level memory function.
- Short circuit protection.
- KickStart™ mode suitable for modern light sources.
- Program parameters stored in a non-volatile memory.

Single product	
Cat. No.	Barcode
EM400A3PWE	9321001425663
EM400A3PUG	9321001425670
EM400A3PBL	9321001452614
EM400A3PMW	9321001498254
EM400A3PMB	9321001498452

Inner box (QTY 10)	
Cat. No.	Barcode
EM400A3PWE	9321001425748
EM400A3PUG	9321001425755
EM400A3PBL	9321001453314
EM400A3PMW	9321001498674
EM400A3PMB	9321001498872

Outer box (QTY 120)	
Cat. No.	Barcode
EM400A3PWE	9321001425823
EM400A3PUG	9321001425830
EM400A3PBL	9321001454038
EM400A3PMW	9321001499091
EM400A3PMB	9321001499299

Excel Life™ 350VA Electronic Push Button Dimmer – All Load

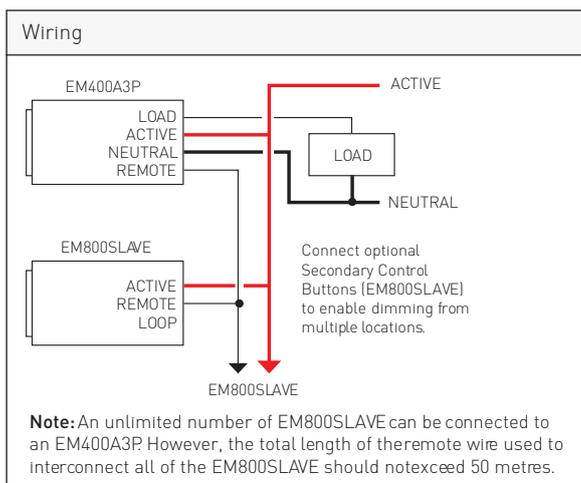


CAT. NO. EM400A3PWE, EM400A3PUG, EM400A3PBL, EM400A3PMW, EM400A3PMB

 +50°C +0°C 230 - 240 V a.c. 50 Hz	 1 x 2.5 mm ² 2 x 1.5 mm ²	<ul style="list-style-type: none"> Incandescent Halogen 	<ul style="list-style-type: none"> Halogen or dimmable LED with electronic transformer Dimmable compact fluorescent Dimmable LED without transformer 	<ul style="list-style-type: none"> Halogen or dimmable LED with wirewound transformer² 	Fluorescent tube	Fan motor		
		Max. Power	Max. number of transformers ¹	Max. Power	Max. number of transformers			
Max. load	1 dimmer per plate	350W	350VA	8	250VA	6	X	X
	2 dimmers per plate	300W	300VA	8	200VA	6	X	X
	3 or more dimmers per plate	250W	250VA	8	150VA	6	X	X

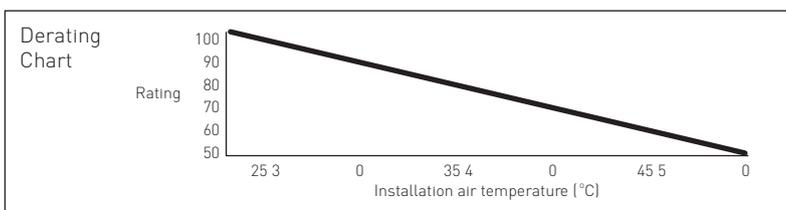
Important: “Should be bench-tested before installation.”

- Note:**
- In the case of dimmable compact fluorescent or dimmable LED without transformer, this is the maximum number of lamps.
 - Wirewound transformers must be Class B efficiency or better. Inferior transformers may cause the over-temperature protection feature to operate due to their high core losses.
 - Where both max power and max number of transformers/lamps are specified, both conditions must be satisfied.
 - When used in ambient temperatures greater than 25°C, the dimmer must be de-rated by 10% for every increase of 5°C.



Programmable LED options

Mode	Status	
	Dimmer On	Dimmer Off
1 (factory default)	Bright blue	Faint blue
2B	Bright red	Faint red
3B	Bright blue	Off
4B	Bright red	Off



WARNINGS:

- This product must be installed by a licensed electrician
- For indoor use only
- This product should not be installed in areas exposed to constant vibration, temperature fluctuations, or areas of high humidity
- This product contains no serviceable parts and no attempt should be made to repair this product. If the product is faulty it should be discarded
- This product has been designed to operate in ambient temperatures 0°C to 45°C
- This product is not suitable for marine environments such as areas subject to salt spray and/or mist
- This product is not suitable for installation in hazardous and/or corrosive areas
- The material in this product may vary in colour from batch to batch. Colour matching from one batch to another cannot be guaranteed
- Electrical installations periodically receive transient over voltages. This product has been designed to minimise the effect of such voltages on connected equipment. It may not give full protection for extreme over voltage transients such as those resulting from a close lighting strike
- This product has been designed to operate on a nominal supply voltage of 230-240V a.c. ± 6%
- This product must be installed and used as per these instructions
- Legrand reserves the right to modify the specification of this product at any time

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Refer to your group buying office, Legrand Sales Representative or Legrand Sales Office for pricing.

Specifications subject to change without prior notice.