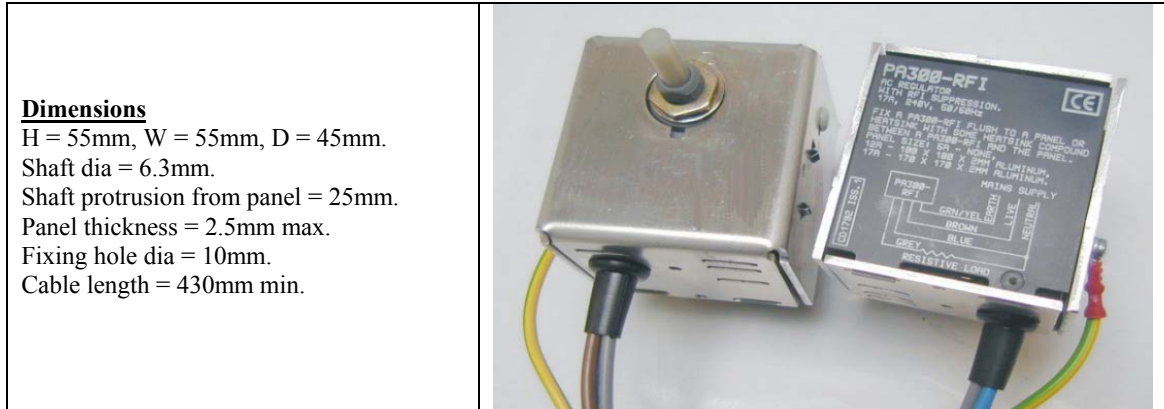


PA300-RFI Manual Power Controller With ON/OFF Switch



Dimensions

H = 55mm, W = 55mm, D = 45mm.
 Shaft dia = 6.3mm.
 Shaft protrusion from panel = 25mm.
 Panel thickness = 2.5mm max.
 Fixing hole dia = 10mm.
 Cable length = 430mm min.

Features

- ❖ Suitable for up to 4KW heater at 240V
- ❖ Integral ON/OFF switch
- ❖ High reliability snubberless triac used
- ❖ Integral RFI Filter for CE EMC requirement
- ❖ Low cost & compact

PA300-RFI manual control phase angle energy regulator is a compact, low cost unit for controlling the power into a 240V resistive load. To reduce stress and increase reliability it uses a most advanced 25A, high surge rating triac. In order to have the maximum control power, a PA310 must be mounted on to a steel or aluminum panel for dissipating the heat generated by the controller. The unit metal fascia temperature must not be higher than 70 deg. C.

Notes.

This product is offered for use to professional installers and the product is to be installed by suitably qualified personnel in accordance with current industrial electrical/mechanical safety and EMC standards. Installation to be in accordance with the current edition of IEE wiring regulations BS7671: 2001, 16th edition.

* This product is deemed a component only for professional assemblers for incorporation in to apparatus and systems or installations for which its own EMC and safety standards will apply and for which Powerlink is not responsible.

* Conforms to EN55011 Class A and EN55022 Class A.

* For further information see the Product Manual.

Ratings			Specification	
Pmax	Imax	Panel Size		
1.4kW	6A	none	Supply voltage	240Vac +/-10%, 50 or 60Hz
2.8kW	12A	2 X 100 X 100 mm	Max current rating	17A @70°C, with correct panel size
4kW	17A	2 X 170 X 170 mm	Max triac rms current	24A
Note: Heatsink compound must be applied Between a PA300-RFI metal fascia and the panel in order to meet the specified current ratings.			Peak surge current	240A
			Min holding load current	30mA
			Repetitive peak voltage	600V
			Max. I ² t for fusing	112A ² S
			Isolation voltage	2500Vrms

Powerlink Electronics Ltd.

Powerlink House, Ivy Arch Road, Worthing, W Sussex, BN14 8BX
 Tel: 01903 209550 Fax: 01903 213526