

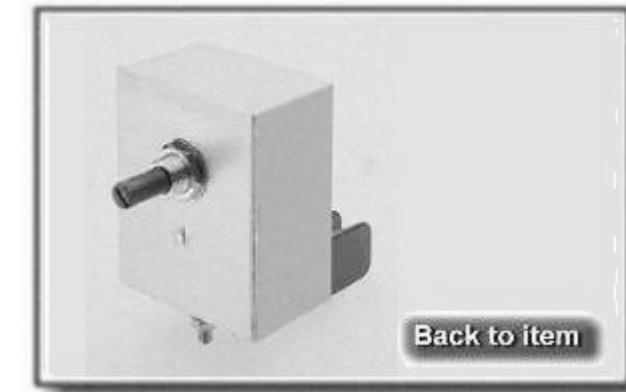
BFM240-13

OPERATION: The BFM range of controllers operate on a burst fire principle, over a time period of approximately one second, offering control of resistive loads such as hotplates, heating mantles, ovens, etc.

Unlike phase angle controllers the BFM generates virtually no RF interference and complies with European CE standards. Also, because the switching element is a triac there are no moving contacts and thus no arcing; they can therefore be used in some areas where conventional devices would be hazardous or unreliable.

INSTALLATION: The unit is a complete controller designed for through-panel mounting with connections via an industrial terminal block on the rear.

N.B. To prevent overheating, fix flush and tightly to the panel/heatsink as in table below with an intermediate smear of heat transfer paste.



SPECIFICATION:

RMS max. on state current: 13A

Peak one cycle surge current: 150A

I_{2t} for fusing: (t=10 ms) 110

RMS input voltage: 50/60Hz 240 (110)V

Repetitive peak voltage: 600V

Forward volts drop at max.current: 1.4V

Ambient operating temperature: -40 to +60°C

Dimensions: 57H x 44W x 46D mm

Fixing hole diameter: 10mm

MAXIMUM LOAD AT 240 VOLTS:

1kW (4.0 Amps)

2kW (8.5 Amps)

3kW (13 Amps)

PANEL/HEATSINK RATING (AT 35°C AMB.)

8 C/W (70 x 70 x 3mm Aluminium Panel)

4 C/W (100 x 100 x 3mm Aluminium Panel)

2 C/W (170 x 170 x 3mm Aluminium Panel)