

### Series M... Thyristor Heater Controllers – Single & Three Phase



Responding to a 0-10 Vdc Signal these regulate the current to electric resistive heater loads to give accurate & cost effective Temperature Control.

#### General Specifications

- Input signal 0 – 10 Vdc.
- Control Voltage 24 V ac/dc +/- 10%
- Input Resistance 47 k – Ohms.
- 3 Ph. Models have 2 phases regulated.
- Nominal voltages:
  - Single phase – 240 Vac
  - Three phase - 415 Vac.
- Ambient Temperature Range : 0 – 40 °C

#### Features

- Single & Three Phase Models.
- 0 – 10 Vdc control input standard. (4 – 20 mA option)
- Adjustable Time cycle: 3 – 40 seconds.
- Fused.
- Cooling fans fitted on some higher rated 3 phase models.

#### Models

##### Single Phase

Model	Amps @ 40°C	Htg. kW.	Dimensions mm
MAC1/3.5	15	3.5	110 x 72 x 121
MAC1/7	30	7.5	210 x 136 x 112
MAC1/9	38	9.0	210 x 136 x 112
MAC1/15	63	15.0	210 x 136 x 112
MAC1/28	117	28.0	230 x 154 x 152

##### Three Phase

Model	Amps @ 40°C	Htg kW	Dimensions mm.
MAC3/10	15	10	210 x 136 x 112
MAC3/20	28	20	210 x 136 x 112
MAC3/28	39	28	210 x 136 x 152
MAC3/36	50	36	210 x 136 x 152
MAC3/57	79	57	239 x 154 x 152
MAC3/86	120	86	269 x 165 x 205
MAC3/138	192	138	255 x 169 x 229
MAC3/172	239	172	255 x 169 x 229

The manufacturer reserves the right to make changes without prior notice