



MC810B Digital Temperature Controller

It can be used either in ON/OFF mode with the hysteresis loop controlling power switching or it can be used as a PID (Proportional, Integrated, Derivative) controller. Alternatively it may be used simply as a temperature measuring device.

Temperature sensing is performed by a plug-in platinum resistance probe. The sample temperature is displayed on the LED display. This product is suitable for bench and retort stand mounting or wall mounting using the bracket and screws provided.

The MC810B has a short mains output lead with an IEC socket to connect it to the resistive load. An accessory extension mains lead is available where remote operation is required (e.g. in a fume extraction unit).

The MC810B controller must be used in conjunction with a suitable heating or cooling device e.g. mantle, electric Bunsen or hotplate.

TECHNICAL SPECIFICATIONS.

Mains supply voltage 220-240V~AC 50/60 Hz - (MC810B, MKII).

Maximum load 230V = 1500 Watts Controller power 230V = 2W

Controller power 230V = 29 consumption

Fuse rating at 230V = F8A 20mm x 5mm Glass Quickblow.

Relay output 12A switching.

Note: 12A not available for use. The unit is

fused at 8A see max load – Watts.

Mains Power Lead set (UK) 3 core earthed / ground. 2 meters long.

13A BS1362 Moulded IEC plug and

Moulded IEC plug and Lead set - supply

cord H0 V V-F-

Replace only with equivalent cable.

Lead set plug fuse (UK -

only)

Mains Output

13A (BSEN1362).

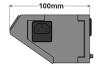
Rocker Switch.

Non-detachable 3-core mains cable with

moulded IEC socket (230V)

Temperature Probe Input Rod Clamp size Output ON Indication Case Construction On / Off control 5-pin DIN socket 12.7mm diameter Amber Neon (front panel). Die cast Aluminium.

Dimension & Weight (Unpacked).





Weight 1.1Kg

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