

Refrigeration Alarm

MPA-2A

- High & Low Temperature Alarm
- Mains Failure Alarm
- Door Alarm
- Defrost Input
- Full Battery Back Up
- Door Lock (2 Keys)
- Panel or Wall Mount



The MPA-2A has been specifically designed for refrigeration applications.

It has simple to use menus, a clear LCD display, alarm sounder output and volt free change over alarm contacts.

Connection is by vibration proof sprung terminal strip with clear permanent terminal labelling.

The internal re-chargeable backup battery provides audible and high visibility alarms even if the power has failed.

The door is lockable to prevent unauthorised tampering.

The MPA-2A is the perfect companion to our Mini-Chart range providing a comprehensive solution for temperature recording and alarming applications.

General Technical Specification

Dimensions	144 x 144 x 67 mm
Panel Cut-out	138 x 138 mm
Sensor	PT1000
Resolution	0.1 °C
Accuracy	0.5 °C
Temperature Range	-99 to +99 °C
Door Contact Input	Internally powered for volt free contacts
Defrost Contact Input	Internally powered for volt free contacts
Alarm / Defrost Delays / Mute	2 to 90 minutes
Audible Alarm	Sounder – Piezo Buzzer
Visual Alarm	High Intensity LED Array
Outputs (Relay Contacts)	Volt Free NO / C / NC (fail safe to NC) 1.25A / 240 Vac
Power Supply	240 Vac / 12, 24Vdc

Temperature Alarm Unit

PROTECTOR A

- High & Low Temperature Alarm
- Mains Failure Alarm
- Alarm Contact Input
- Alarm Over Ride Contact Input
- Full Battery Back Up
- Wall Mount



The Protector A has the same technical specification as the MPA2-A but is housed in a robust wall mounted enclosure which, if required, can be sealed to IP65.

Connection is by vibration proof sprung terminals mounted inside a protected

terminal compartment. Knockouts are provided for up to 4 compression glands.

The internal re-chargeable backup battery provides audible and high visibility alarms even if the power has failed.

General Technical Specification

Dimensions	165 x 160 x 85mm
Sensor	PT1000
Resolution	0.1 °C
Accuracy	0.5 °C
Temperature Range	-99 to +99 °C
Alarm Contact Input	Internally powered for volt free contacts
Alarm Override Contact Input	Internally powered for volt free contacts
Alarm / Alarm Override / Mute Delays	2 to 90 minutes
Audible Alarm	Sounder – Piezo Buzzer
Visual Alarm	High Intensity LED Array
Outputs (Relay Contacts)	Volt Free NO / C / NC (fail safe to NC) 1.25A / 240 Vac
Power Supply	240 Vac / 12, 24Vdc