

Six Channel Temperature Alarm Unit

PROTECTOR 6

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



The Protector 6 has the same technical specification as the Protector A but it can have up to 6 temperature inputs.

Each of the 6 channels has independent high and low alarm set points and alarm delays. (Note, the alarm override contact is common to all 6 channels).

The Protector 6 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
Sensors	Up to 6 x 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 / 240Vac
Power Supply	240 Vac / 12, 24 Vdc

Wall Mount Alarm

TA-1R

- High & Low Temperature Alarms
- Programmable Alarm Set-Points
- Programmable Alarm Delay
- Volt Free Alarm Contact
- LED Temperature Display



The TA-1R alarm unit is ideal for situations where a low cost single channel temperature alarm is required.

It can be wall mounted with 4 screws using the wall mounting kit supplied.

It operates from a low voltage 12Vdc power adapter, which is plugged into a standard 13A 240Vac socket.

The high and low alarm set points can, if required, be password protected for security.

Connections are via vibration proof protected screw terminals in a terminal enclosure on the rear of the unit.

The TA-1R can be connected to an auto dialler to provide alarm warnings to up to 4 people (phone land line required).

General Technical Specification

MODEL	TA1-R
Sensor	1 x Waterproof PTC type (Supplied)
No of outputs	1 x NO (Closed in Alarm) Volt Free Contact 5A @12Vdc, 4A@240Vac
Temperature Range	-55 to +99 °C
Resolution / Accuracy	1 °C / <0.5% f.s
Alarms	1 x High, 1 x Low
Display	2 x 12mm LED
Power Supply	240Vac / 12Vdc adapter (Supplied)
Dimensions	Dimensions 160 x 85 x 38mm
Case	High Impact ABS
Operating Conditions	0 to 50 °C 30 to 80 RH