

Arrowhead alarm products ltd

Elite series alarm panel

Electrical instillation requirements

1 . Description

- 1.1 The elite series control panel is supplied in one of two enclosures , a high impact poly carbonate box or a powder coated steel enclosure both have a cover that is secured by two pozi drive screws hence requiring a tool to remove the cover , within the enclosure is a transformer rated at 230 V – 17V at 25VA and a fused terminal block to receive the incoming mains supply , this may be fixed (TPS) type cable or a flexible cord , termination methods for both types of cable are shown in the following images.

2. Location

- 2.1 The elite series control panel shall be installed in an indoor location that is free from dust any form of moisture , water or temperatures exceeding 50 deg c ,explosive or hazardous environments.
- 2.2 The enclosure shall be secured to a flat vertical surface using 4 suitable fixings thru the holes provided in the rear of the enclosure

3.Mains supply cable entry

- 3.1 Mains supply cable entry to the steel cabinet may be from any side via the 25mm knockouts provided , a suitable bushing or gland must be provided to protect the cable as it passes into the enclosure and in the case of a flexible cord to provide a mechanical anchoring point for the cord
- 3.2 A fixed (TPS) type cable may enter thru the rear of the steel cabinet to the fused terminal block but must be separated from any extra low voltage cables as shown in fig A1-2.

3.3 Mains supply cable entry to the polycarbonate cabinet is from any side or thru the rear opening , the cable follows a moulded recess in the rear of the cabinet to arrive at the fused terminal block , in the case of a flexible cord there is a cord clamp and strain relief pillars that the cord must pass thru as shown an fig B1-2.

Fig A.1



Fig A.2



Fig B.1



Fig B.2

