

V4 INSTALLATION INSTRUCTIONS

GENERAL DESCRIPTION:

This visual signalling appliance is intended for General non-emergency use, where requirements for light output, flash rate and duration characteristics of such visual alarms are not applicable.

The Installer should be familiar with these requirements together with any local codes or special requirements of the local Fire Authority having jurisdiction.

The visual alarms are intended for connection to the output alarm circuit of a UL listed fire alarm control panel only. All alarms are compatible with DC line status monitoring. The visual alarms are suitable for outdoor use (-35°C to +66°C).

Installation procedures must conform to appropriate agency requirements including but not limited to the following:-

NFPA72.

The strobes should be mounted away from obstruction so that they are visible from all possible directions. Do not mount the strobes in direct sunlight.

The strobes have red flame retardent bases and the following lens cover colours are available:

Red (R), Opal (O), Amber (A), Clear (C), Blue (B), and Green (G).

The power supply for the Xenon Beacons (Strobes) is via the on-board terminal block:

For DC: Terminal (+) for +ve and Terminal (-) for 0v

For AC: Terminal (L) for LIVE and Terminal (N) for NEUTRAL.

CAUTION: High voltages are present within the beacon when operational.

MOUNTING: All units are supplied separate from the back box. The back box must be mounted with the two cable entries at the top or bottom. 20mm cable entries are provided on all sides and in the base. The back box should be mounted to a suitable surface or to a standard wiring box, using any of the mounting holes. The supplied gasket should be used if the surface is uneven, or if the unit is to be used in wet conditions. To remove the required knockout, the box should be turned on its face, a 6mm screwdriver blade should be placed in the knockout recess and given a sharp tap. The plastic will break away cleanly. Connect the power supply to the appropriate terminals. Earth continuity of cable sheath or conduit may be maintained by fitting earth tags to the entry fittings and linking them together inside the back box. The installation is completed by fitting the beacon onto the back box by means of the supplied screws. The terminals will accept wires of 14-18AWG. Use the duplicated terminals to route the in and out wires through the system loop.

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