



INTRODUCTION

The AX-ETCS2 is intended for use with either 35w or 50w 12v low voltage tungsten halogen emergency luminaires and is designed to measure the current used to drive the lamp from the battery pack. It will operate on 12v or 6v DC battery packs where current drawn is between 2A & 5A.

LOCATION

The AX-ETCS2 is intended for mounting within the remote box of the emergency luminaire. It has plugs and sockets to suit most batteries, but can alternatively be wired into the battery output (+) wire using the terminal block provided.

The temperature of the lamp sensor shall not exceed 75 degrees Centigrade.

The maximum practical length of cable between light sensor and the Lighting Control Module is 30m.

TESTING/FAULTFINDING

Under emergency operation of the lamp, the current sensor read relay will close and give continuity. (This is monitored by the lighting control module input). Any failure of battery supply or lamp will be read by the system as a fault (during emergency test only).

Check for no continuity by removing the lamp (simulated failure) and powering off the normally unswitched live and switched live mains feed.

Upon replacing lamp, reintroduce mains there should again be no continuity.