

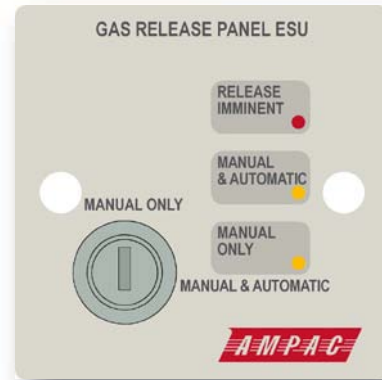
Introduction

The Economy Status Unit (ESU) connects to the **GasRelease** Panel and provides remote indication of Gas “release imminent” with a mode select switch (Manual Only or Manual & Automatic).

Installation

Location and Fixing

The ESU must be mounted indoors on a dry, flat surface. Ideally the indicators should be at eye level and the status of indicators clearly visible. The ESU uses a single-gang mounting arrangement. Fix the ESU securely to a back box (supplied by others) using the two mounting holes provided. These are suitable for use with 2 x (3.5 x 40mm) screws. During the fixing process, care must be taken not to damage internal wiring or components.



Wiring

The first ESU connects to the relevant connector block on the Main Control PCB, inside the Gas Release panel, via a 4-wire connection (2-wire power, 2-wire mode select). The wiring is then daisy-chained to the remaining ESUs (see Figure 1 below). A 6k8 end-of-line resistor (supplied with the main Gas Release panel accessory pack) must be connected across the terminals of the last ESU on the circuit to allow the wiring to be line monitored for open and short circuit faults.

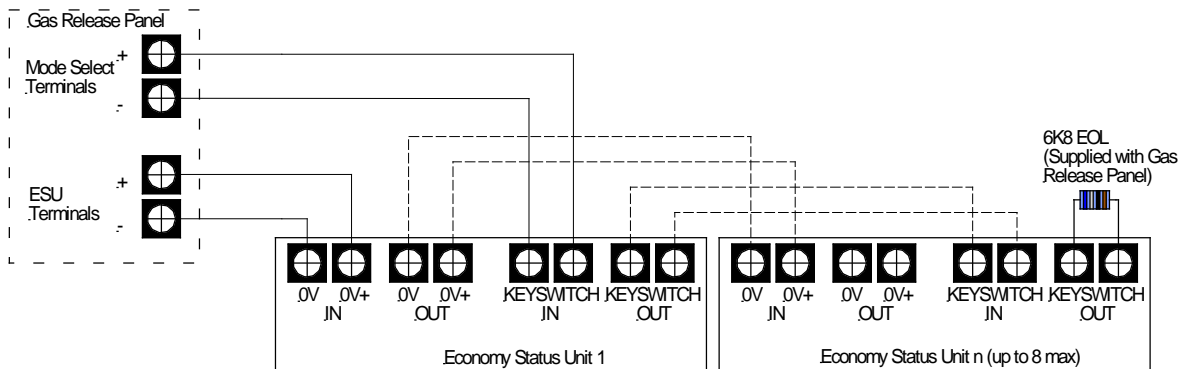


Figure 1 – Typical Wiring

Technical Specification

Economy Status Unit (ESU)	
Power:	100mA electronic fuse
Max number of ESU's:	8
Dimensions/Weight:	87mm(w) x 87mm(h) x 35mm(d) approx. (plastic)
Accessory Pack	
1 x Installation Instructions; 2 x key switches; 1 x ESU PCB Assembly; 2 x (3.5 x 40mm) screws.	