

### 2x1 Switching for SDV and ASI

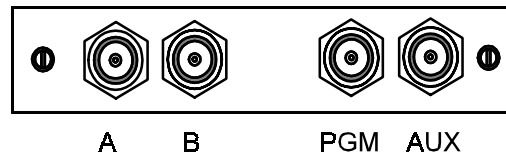
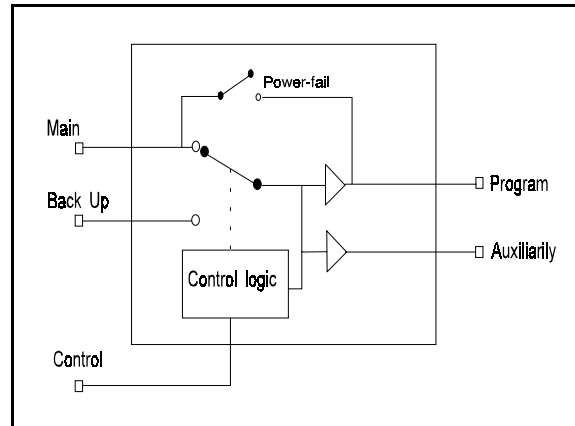
- Cost effective 2x1 switching.
- SDV(270Mb/s) or ASI-DVB (270Mb/s)
- GPI interface for external switch control.
- Power-fail bypass.

The ESW modules are designed for simple switching applications, where larger routers are not cost effective or would not offer failure safety measures such as reley bypass.

The ESW-ASI is designed to switch both SDV and ASI-DVB signals. The outputs, PGM and AUX, are non-inverted and the switching is carried out in the serial domain to ensure passing the ASI data correctly.

The switching is externally controlled by GPI contact closure. A tally output indicates the state of the switch.

A bypass relay also ensures that the program path is maintained even in the event of power failure.



Rear Panel view

- Input** Two BNC's for serial digital video (270Mb/s) to SMPTE 259M (EBU Tech 3267-E) or ASI-DVB (270Mb/s)
- Output** 270Mb/s relocked data on Program and Auxiliary output.  
In the event of power failure to the unit a passive by-pass feature connects input A to the main Program output
- Control** A GPI contact closure to ground causes the switch to be set to input B  
A tally output is provided which indicates switch status. This is an open collector. It will be on, current sinking, when the switch is set to input A.  
Control connections are taken to a common D type socket on the frame.  
This may be either a 15 way on the 1U frame or 25 way on 3U.
- Physical** Up to 6 modules will fit in a Microvideo 1U FRAME. A 3U frame is also available. They may be mixed with other Microvideo boards in the same frame.

**Ordering Information:** ESW-ASI Emergency 2x1 serial digital video switch module

**Frames** EU-FRM1U 1U Frame can hold six modules  
FL-FRM3U 3U Frame with 15 module slots  
option -RP Redundant power supply module