



Flashlink

ASI-CHO-2x1-PB

DVB-ASI advanced change-over with two electrical inputs

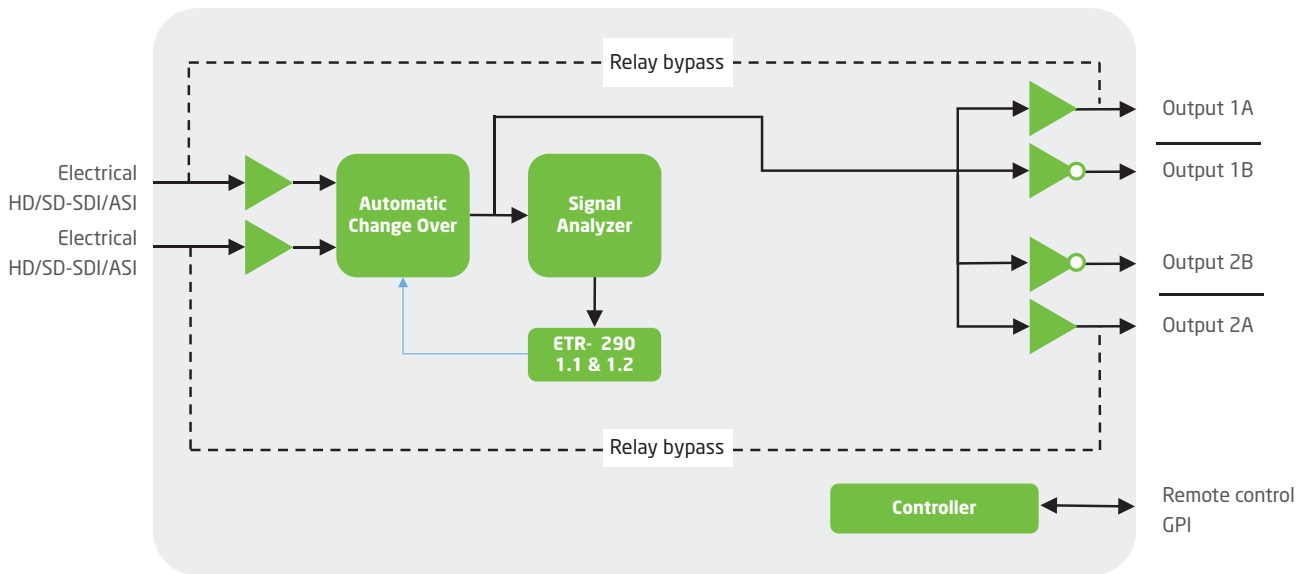
The Flashlink ASI-CHO-2x1-PB is an easy to use 2x1 intelligent change-over switch for ASI formats able to switch inputs based on error detection according to ETR290 1.1 and 1.2. The inputs are protected with bypass relays that ensure passive loop-thru of both input signals to their respective outputs in case of mains or card failure. Input and switch monitoring is available through LEDs, GPI and Web interface or SNMP through Multicon GYDA element management system. With its minimal setup requirements, space saving design and best-in class low power consumption, the ASI-CHO-2x1-PB is ideally suited for both fixed installations and field-deployed units.

Applications

- Head-end input protection
- Broadcast contribution network
- ASI protection switching
- Studio interconnection

Key features

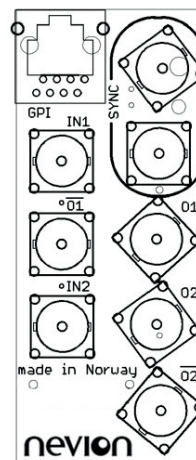
- Full redundancy on power failure thru passive input bypass on the backplane
- Less than 25m drop in cable length in bypass mode
- Intelligent change-over function based on error detection according to ETR290 1.1 and 1.2
- GPI set and reset lines for the change-over logic
- Manual/ stand alone operation thru onboard DIP switches and GPI
- Web based user interface and SNMP support with Multicon GYDA
- Control panel support with Multicon GYDA
- Less than 5W total power consumption



ASI-CHO-2x1-PB

Product description

The Flashlink ASI-CHO-2x1-PB is an intelligent 2x1 change-over that does ASI input switching based on error detection according to ETR290 1.1 and 1.2. The module supports 270Mbps ASI signals and has two re-clocked outputs. Both inputs have passive relayed bypass to an output, and the relays are placed on the backplane. This allows the signal to pass thru the backplane, even when the main module is removed from the Frame. The change-over switch can be controlled from GPI as well as from a web interface or SNMP. The web interface and SNMP requires the Flashlink element manager Multicon Gyda. All module settings can also be reach thru on board DIP switches. 3 Front panel LEDS give board and signal status, as well as the GPI outputs.



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General

Power	3.5W/5V, 12W/15V
User interface	Status LED, Status GPI, configuration DIP switches Web interface and SNMP through Multicon controller
Operating temp.	0 – 40C

Supported standards

SMPTE-259M, 50083-9, ETR290 1.1, ETR290 1.2

Electrical SDI input

No of inputs	2, relay protected
Signal type	SD-SDI, DVB-ASI
Cable equalization	Automatic 300m @ SD-SDI w/ Belden 8281
Connector	BNC, 75 Ohm

Electrical SDI output

No of outputs	2
Signal type	SD-SDI, DVB-ASI
Signal polarity	Non-inverting
Level	800mV +/-10%
Connector	BNC, 75 Ohm

Ordering options

21243	DVB-ASI advanced change-over with two electrical inputs
ASI-CHO-2x1-PB	



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