



LEI-515B

HD/SD SDI and ASI

Video Presence Detector

Features:

- HD/SD SDI, & ASI compatible
- Auto Detection of Loss of Signal
- Threshold "Sensitivity" Adjust
- Manual Override
- Power off By-pass
- LED Indicators



Engineered with the user in mind, the LEI-515B serves an important role in complete digital system reliability. The LEI-515B is designed to monitor its Main input signal and automatically switch to an Alternate signal if the Main signal is lost. A captive-screw terminal sub-module is provided for "audio-follow video" capability or status mode, which is switched internally. A three-terminal dry-contact connector offers normally-closed and normally open contacts to control peripheral gear.

The input receiver device monitors the incoming signal level and produces a DC voltage that is used to detect signal presence. This DC voltage is compared to a front panel user-set threshold voltage. If this DC voltage exceeds the threshold voltage, the LEI-515B will switch to its auxiliary input. This "sensitivity" adjustment gives the LEI-515B the ability to select its auxiliary input even before data errors are visible in the primary input.

An impedance matching relay is used to switch from main input to auxiliary input and will switch to main input when power is lost to the LEI-515B. Component 270Mb/s and 1.5Gb/s, composite 143Mb/s and 177Mb/s, and ASI, digital video formats are supported.

Front panel switches allows you to override the automatic change-over function and choose either video source. Dual front panel "status" LEDs indicates the presence or absence of both primary and auxiliary video inputs.

The rugged and compact LEI-515B can mount in a one 1RU frame that holds up to three "500 Series" or "700 Series" units.

Exceptional Technical Support

The LEI-564 AFD is backed by the Link Electronics standard 10-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products.



Rear of LEI-515B



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Serial Digital Video Input:

Standards: Composite: 143Mb/s, 177Mb/s
Component: 270Mb/s, 1.5Gb/s, & ASI,
Impedance: 75Ω
Signal: Level 800mV±1%
Connectors: BNC

Audio:

Type: Four (4) Form C Contacts
Connectors: Sub D Connector with Screw Terminals
Configuration: Analog & Stereo, balanced, single-ended or AES/EBU Digital
Analog Aux. to Primary Cross Talk: > 100 dB
Analog Left to Right Channel: >95 dB

Indicators:

Input Alternate Digital Video: Green/Red LED
Input Main Digital Video: Green/Red LED
Output Alternate or Main: Green LED

Dry Contact Switch:

Configuration: SPDT, Form C
Power Rating: 0.5A/120VAC
Terminal Type: Captive Screw Terminals

Environmental:

Temperature: 0° to 50° ambient
Humidity: 0% to 90% non-condensing

Power:

Input: 120/240 VAC
Power: 0.3 watts

Mechanical:

Height: 1 Inch
Width: 5.5 Inches
Depth: 9.25 Inches
Weight: 2 Lbs. 7 Oz.

The manufacture reserves the right to change specifications without notice