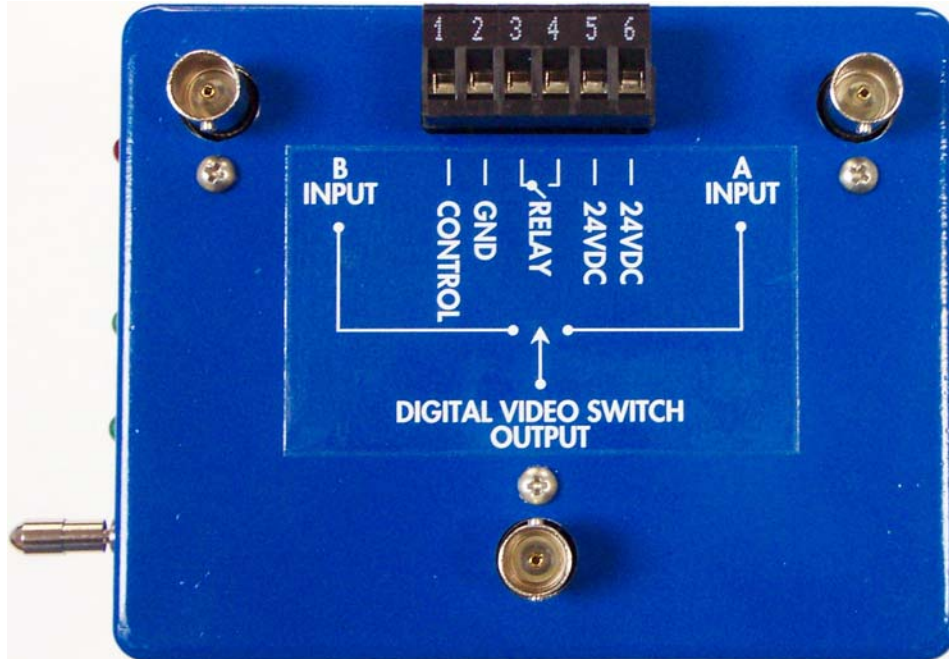


DVS702



DATA A/B SWITCH

The **DVS702** DIGITAL VIDEO SWITCH is a 2X1 A/B relay switching system that is controlled by an external contact closure or the front panel switch. This device is a Standard Definition "SD" Broadcast quality Video Relay switch. If a power failure occurs the unit will automatically switch to the "A" channel position. This is a relay type A/B switch with no amplifiers to degrade the data signal.

The unit can be used to engage a hot standby source by an external contact closure from a control system. This system will maintain your digital video integrity and reduce trouble calls. It will also serve as a slave relay where unattended video switching must occur if used with a Digital Video Switch (DVS772). For automatic video loss indication and switching all in one package, order the DVS772.

Also included is a front panel LED which indicates the status of the video switch. The front panel switch can be used to manually control the switch.

Standard BNC connectors are used for the data inputs and output, and a plug-in style removable screw terminal connector is used for the power and control.

This switch is housed in a sturdy aluminum die cast box which is completely RF shielded. The box can be mounted in the front or rear of your rack with the standard mounting bracket.

DATA

Standard
Level
Input Impedance

Maximum Data Rate
Cross-Talk @ 270Mb
Front Panel Control
Front Panel Indicators

SPECIFICATION

All Data up to 270 Mega-bit Rate
800 mV pp Nominal
75 Ohm (non-select input)
Loop-through (select input)

270 Mega-bit Rate (SDTV)
 ≤ 55 dB
Three Position (A, B, and Remote)
Three LED (A, B)

MECHANICAL

Power requirement
Current requirement
Connectors (Data)
Connectors (Power and Control)
Enclosure
Mounting

24 VDC Power Cube (included)
110 mA
BNC (Female)
Plug-in Screw Terminal (6 position)
3.5 x 4.5 x 1.5 Die Cast Aluminum
Side Rack Mounting Bracket