



FILTER AND NETWORK TECHNOLOGY

3G-SDI Relay

Order Code: - **3GR01**

Technical Data



- Two way 3G-SDI digital video signal relay
- Transparent to all 3G, HD and SD formats with data rates up to 3Gbit/s
- Size 45 x 30 x 15 millimetres
- Optional rack frame to hold eight relays

The LEN serial digital video relay provides full broadcast quality switching, for all data rates up to 3 Gbits/sec.

It is ideal for applications such as power failure switching, where a local SDI source is automatically switched in on failure of an incoming SDI signal from a remote source.

Technical Data

All measurements are quoted with the relay energised

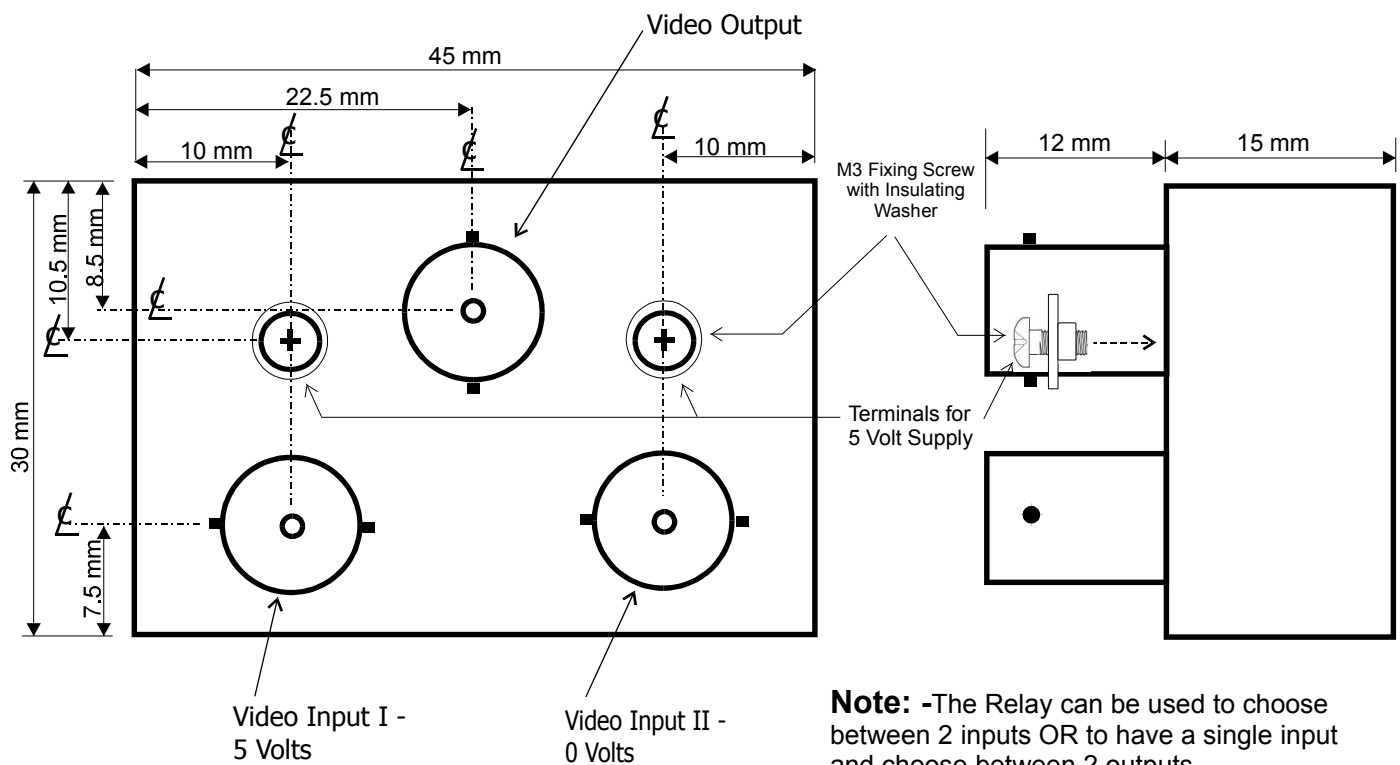
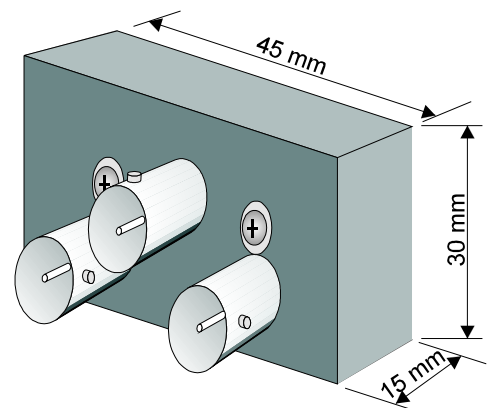
Impedance: -	75 Ohms
Insertion Loss: -	< 0.4 dB from DC to 360 MHz
Amplitude roll-off: -	< 0.2 dB from 360 to 540 MHz < 0.3 dB from 360 to 3 GHz
Return Loss: -	> 15 dB 0.1 to 3GHz
Control Voltage: -	5 volts DC (via mounting screws)
Enclosure: -	ABS box, 45 x 30 x 15 mm (excluding connectors)
Weight: -	32 gm
Connectors: -	BNC Female
RoHS compliant: -	Yes



FILTER AND NETWORK TECHNOLOGY

3G-SDI Relay - Drawing

Part No **LEN 3GR01**



Note: -The Relay can be used to choose between 2 inputs OR to have a single input and choose between 2 outputs.