



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

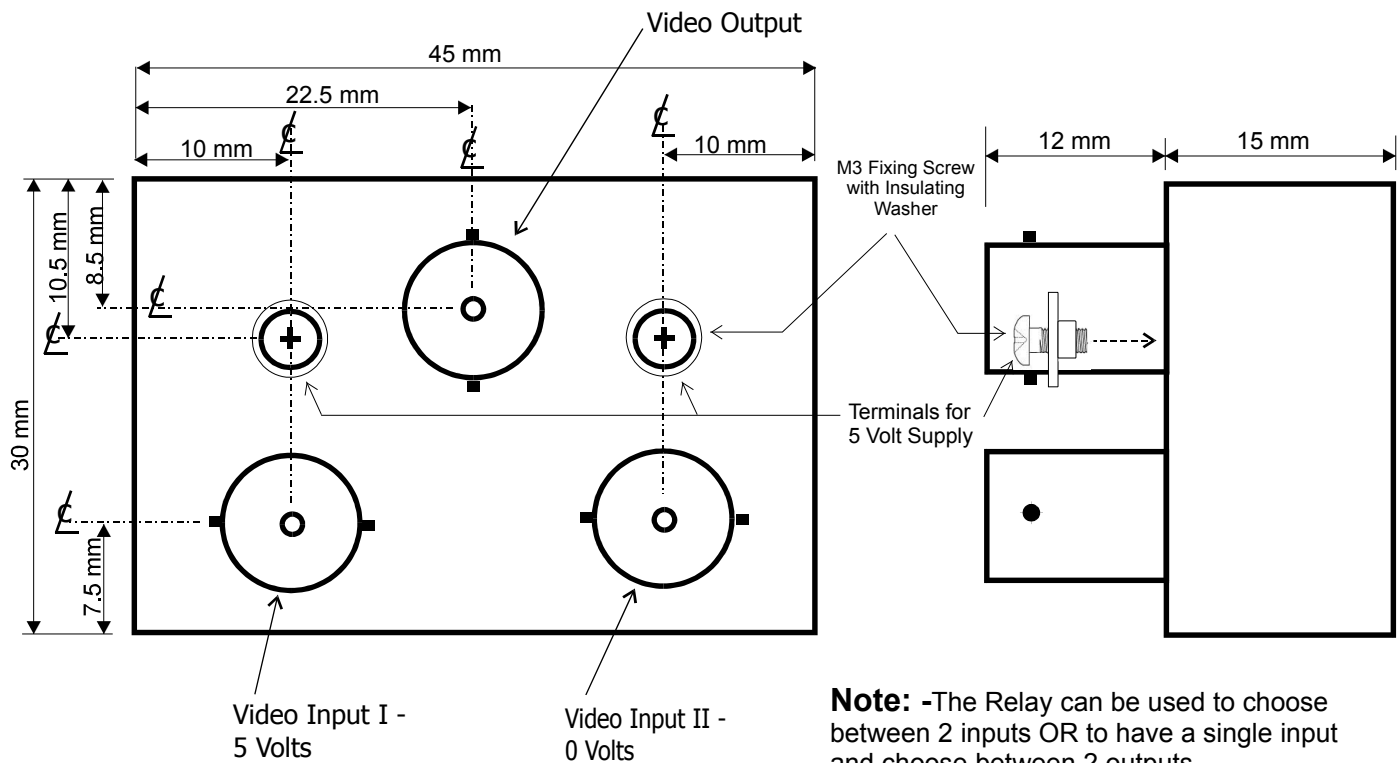
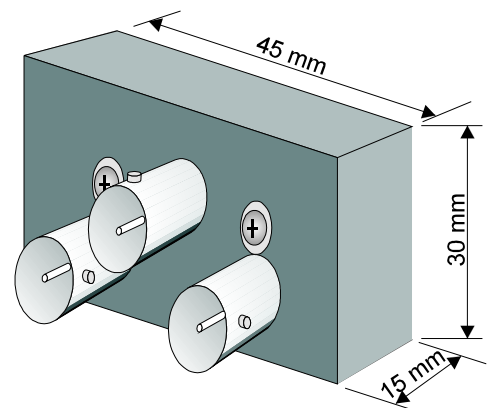
<b>Impedance: -</b>	75 Ohms
<b>Insertion Loss: -</b>	< 0.4 dB from DC to 360 MHz
<b>Amplitude roll-off: -</b>	< 0.2 dB from 360 to 540 MHz < 0.3 dB from 360 to 3 GHz
<b>Return Loss: -</b>	> 15 dB 0.1 to 3GHz
<b>Control Voltage: -</b>	5 volts DC (via mounting screws)
<b>Enclosure: -</b>	ABS box, 45 x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