



## 12 volt Interface switch for projection screens

### PRODUCT DESCRIPTION:

This simple unit utilises a 12volt relay which will raise or lower a motorised screen when the unit receives 12 volts DC from a video-projector or external power source.

### PACKAGING CONTENTS:

The unit is supplied with a Grey Resin Junction box, Relay unit & Instruction sheet.

### WARRANTY:

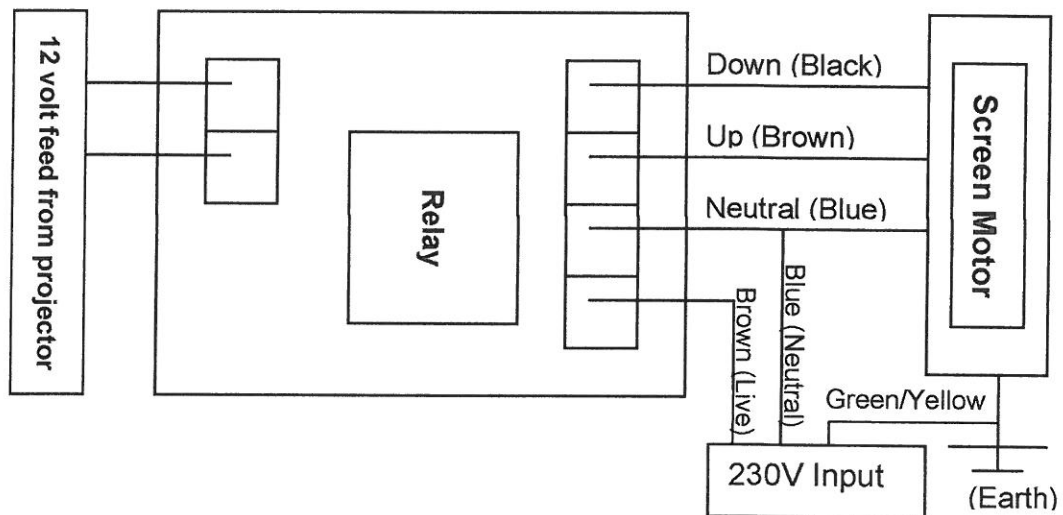
The Interface relay is guaranteed against manufacturing defects for 24 months. Defects caused by wrong electrical connections, negligence or wrong use, are not to be considered under warranty. The Grey Resin Junction box is not covered under warranty.

### INSTALLATION INSTRUCTIONS:

Please, read carefully all the instructions in order to install the relay switcher in the correct way. If you have any doubts please consult a qualified electrician.

- Before starting with any electrical work please ensure all power to the screen, interface and projector is switched off and isolated.
- Fix the relay box at a convenient location near the screen and a fused outlet. Run a two core cable (not supplied) from the projector location to the interface and connect to the terminal block marked "12 Volt" as per the diagram below. Fit a suitable plug at the other of the two core cable and connect to the 12volt output of the projector.
- The cable from the screen will have four cables, these are generally coloured Blue (Neutral), Brown (UP/Live), Black (Down/Live) and Green/Yellow (Earth). If these differ please check with your screen manufacturer's instruction manual.
- The cable carrying 230 Volt mains will be a three core cable Blue (Neutral) Brown (Live) and Green/Yellow (Earth).
- Bring all cables inside the junction box and connect the two Blue Neutrals together and connect to the terminal block as per diagram below. Connect the brown from the Mains feed to the terminal block as per diagram below. Connect the Brown & Black from the screen to the two remaining terminals as per the diagram below. Finally join the two Green/Yellow (Earth) wires together using a suitable connector.
- **Important The Screen Must Be Earthed!**

- Switch on the power to the screen – nothing should happen! Now switch on the projector, after a few seconds the screen will lower. Congratulations! You have installed the interface correctly.
- If, when switching on the power to the screen and the projector is in the off position the screen lowers immediately, you have the Black & Brown feeds back to front. Switch off the power to the screen and reversed the two cables as indicated in the diagram below.



È conforme a tutte le norme tecniche relative al prodotto entro il campo di applicabilità delle Direttive Comunitarie 73/23CEE , 2004/108/CEE:  
satisfies all the technical regulations applicable to the product within the scope of Council Directives 73/23/EEC, 2004/108/EEC:

- EN 55014-1 (2000) + EN 55014-1/A1 (2001) + EN 55014-1/A2 (2002)
- EN 61000-3-2 (2000)
- EN 61000-3-3 (1995) + EN 61000-3-3/A1 (2001)
- EN 55014-2 (1997) + EN 55014-2/A1 (2001)
- EN 60335-1 EN 60335-2