Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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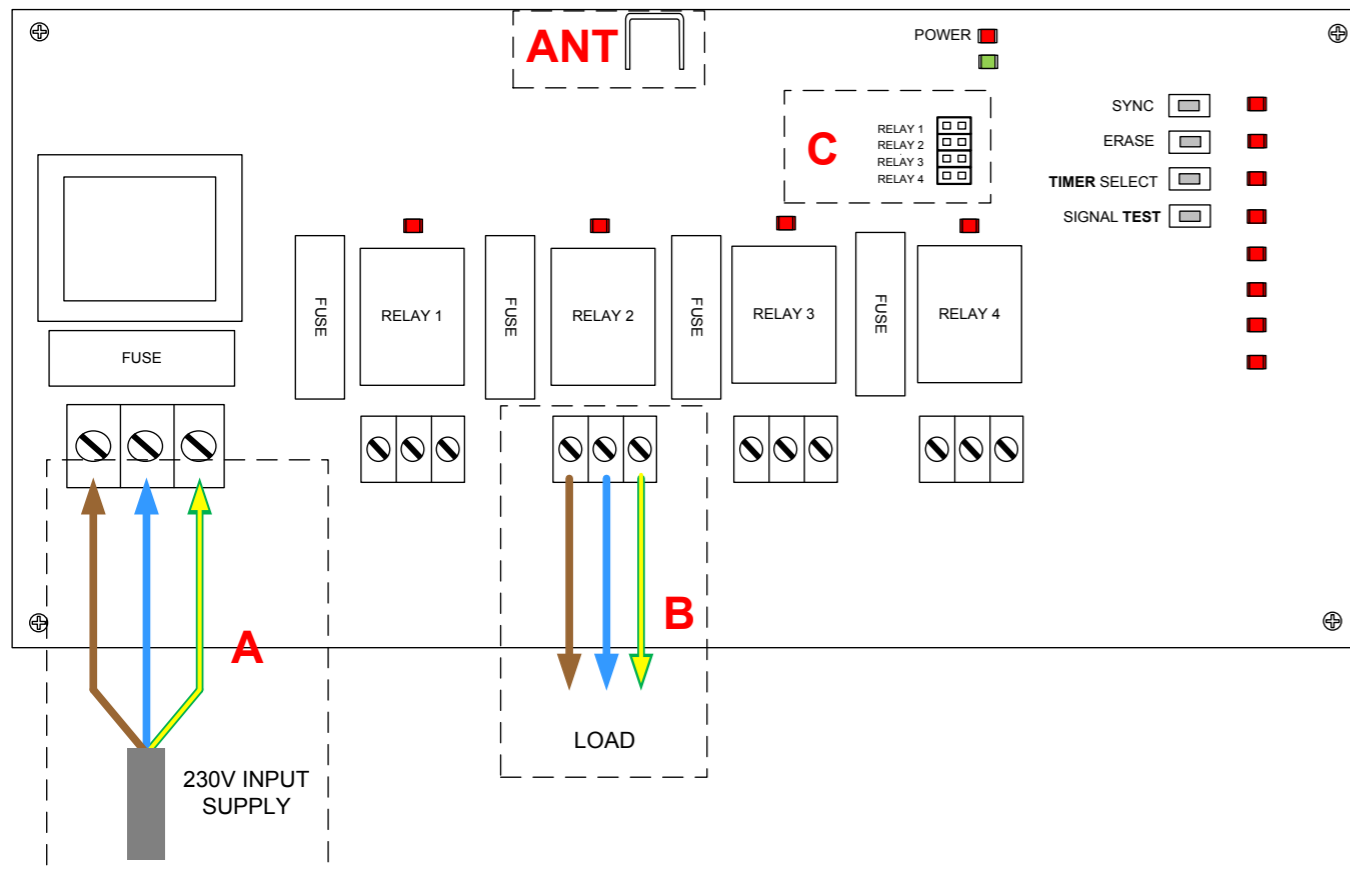
Quick Installation Guide (systems only)

The ESPRIT system provides 4 switches each capable of switching up to 1KW (4A @ 230V). Each channel is independent and separately controlled. The ESPRIT Remote control system provides 230V mains switched outputs via each terminal.

1. First mount the ESPRIT system receiver box in the wall in your desired location.
2. Open the enclosure by removing fixing screws from the enclosure front and then removing the front from the enclosure.
3. Wire the LIVE, Neutral and Earth connections to the power supply screw terminal as shown below (shown as A).
4. Wire your load(s) as required (shown as B).
5. Once all required wiring is complete, use the handheld ESPRIT transmitter to switch the outputs on and off.
6. As supplied, the handheld will operate the outputs - Button 1 to output 1, Button 2 to output 2 etc.
7. All buttons will operate in a latching mode - Press for on, press again for off. It is possible to change the operation to momentary mode by fitting the links (shown as C)
8. For advanced operation such as adding extra transmitters different button mapping options consult datasheet.

Please contact RF Solutions if any components are missing

Sales: +44 (0) 1444 227910   Tech. Support: +44 (0) 1444 227909

www.rfsolutions.co.uk

ESPRIT Remote Control System

Quick Start Guide

What's in the box?

1 x FOBBER Key Fob

1 x Receiver with 5 additional cable glands

ESPRIT Remote Control System Quick Start Guide

For full details of ESPRIT's programmable features, see the ESPRIT Datasheet at www.rfsolutions.co.uk.

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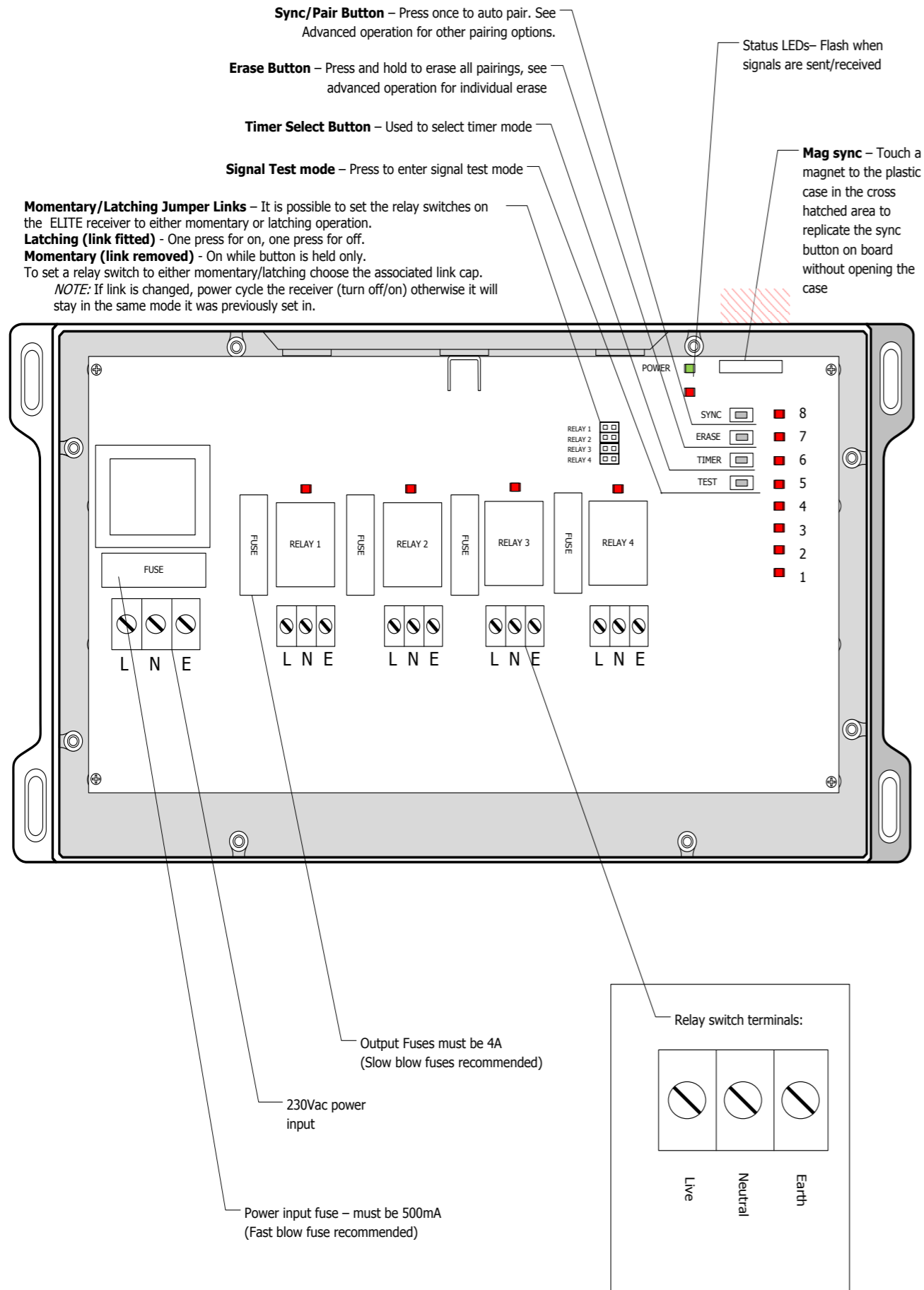
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FM76316

QS-ESPRIT-1

Receiver Guide

Sync/Pair Button – Press once to auto pair. See Advanced operation for other pairing options.

Erase Button – Press and hold to erase all pairings, see advanced operation for individual erase

Timer Select Button – Used to select timer mode

Signal Test mode – Press to enter signal test mode

Momentary/Latching Jumper Links – It is possible to set the relay switches on the ELITE receiver to either momentary or latching operation.
Latching (link fitted) - One press for on, one press for off.
Momentary (link removed) - On while button is held only.
To set a relay switch to either momentary/latching choose the associated link cap.
NOTE: If link is changed, power cycle the receiver (turn off/on) otherwise it will stay in the same mode it was previously set in.

Status LEDs – Flash when signals are sent/received

Mag sync – Touch a magnet to the plastic case in the cross hatched area to replicate the sync button on board without opening the case

Output Fuses must be 4A (Slow blow fuses recommended)

230Vac power input

Power input fuse – must be 500mA (Fast blow fuse recommended)

Relay switch terminals:
Live   Neutral   Earth

Pairing a transmitter

NOTE: The transmitter supplied with the system should already be paired.

If an additional transmitter needs to be paired, simply follow the below instructions.

1. To SYNC a specific ESPRIT handheld transmitter button to a specific output on the ELITE receiver box—press and release the SYNC button on the ESPRIT receiver board.

2. The ESPRIT receiver will flash all its relay output LED's at a high rate to show that it is ready to SYNC.

3. Press and release the SYNC button again—the ESPRIT receiver will flash output LED1 this is showing that output 1 is selected. Pressing and releasing the SYNC button again will select output 2 and so on, through to output 4.

4. Once you have selected the required output (only that output LED is flashing) press and release the SPECIFIC button on the transmitter that you wish to SYNC to the receiver.

5. The flashing LED's will go out, the SYNC LED will flash quickly for 2 seconds then go out.