

QUASAR KIT 3043 - SPDT RELAY BOARD

There are many applications where you need quick availability of a relay for connection to a particular piece of equipment. We found in developing our range of kits that we frequently needed to have a relay mounted on a PCB within arms reach. So that is why we made a kit to fulfill that very need.

We chose to use a standard mains rated relay with a 12V coil. The diode D1 provides a discharge path for the back-emf generated by the collapsing magnetic field of the relay coil when the power is removed. Assembly is very easy and the only thing to make sure is that you get the diode around the correct way. The bar on the diode should match the bar on the overlay.

The **maximum output load is 5 Amps/240Vac** (even though the relay supplied might exceed this rating the PCB tracks are the limiting factor). For details of our full range of kits visit our website at: www.QuasarElectronics.com

ITEM	DESCRIPTION	QTY
D1	1N4004 Diode	1
RL1	12Vdc SPDT Relay	1
X1	2 Pole Terminal Block	1
X2	3 Pole Terminal Block	1
PCB	3045	1

