

S312N-8 individual relays

These transistorised relays are designed as general-purpose interface devices. Double pole changeover contacts rated at 2A 30vdc 0.5A 120vac are provided. The circuit board also carries an LED to indicate when the relay coil is energised. The coil is suppressed against back emf and diode protection is given against reverse polarity.

Figure 1 - S312N-8 Individual schematic drawing.

Figure 2 – S312N-8 Physical drawing.

Figure 1

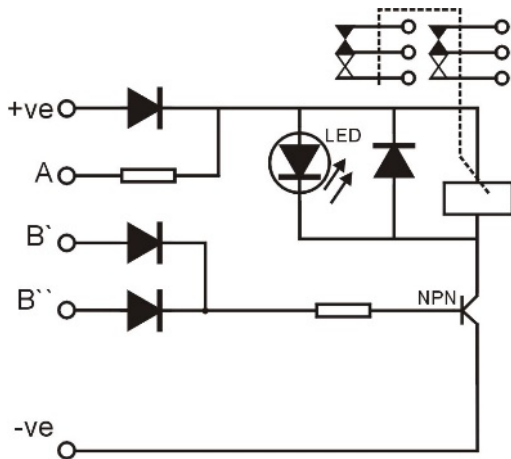
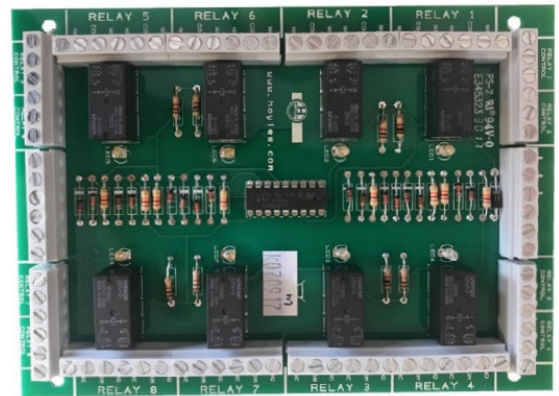


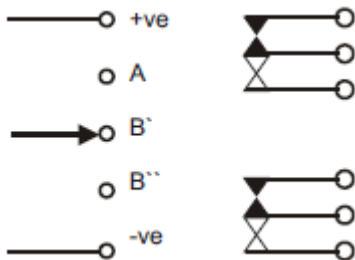
Figure 2

154mm



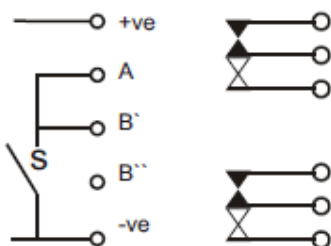
111mm

Figure 3



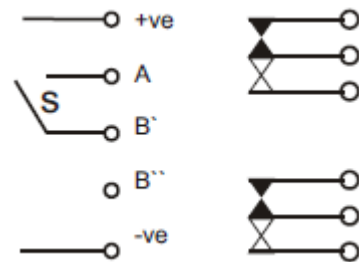
S312N-8 Individual relays Applying a +ve signal greater than 4v (eg TTL) to either B' or B'' will energise the relay. When the signal is removed the coil will deenergise.

Figure 5



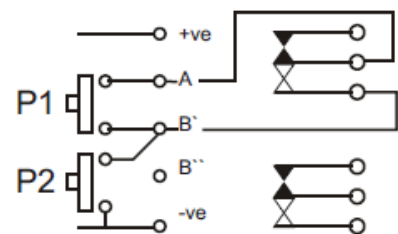
S312N-8 Individual relays Closing switch S will deenergise the relay. When switch S is opened the coil will energise.

Figure 4



S312N-8 Individual relays Closing switch S will energise the relay. When switch S is opened the relay will de-energise.

Figure 6



S312N-8 Individual relays connected as a latching relay. P1 and P2 are Normally Open pushbuttons. When P1 is pressed the relay will energise and remains energised. To de-energise the relay press P2.