

TEB1 SINGLE BYPASS RELAY

The TEB1 can act as a single bypass relay for bypassing any single output to the 12N socket, or it can be used to isolate an ignition switchable or similar supply, such as one to power the TEB7AJ relay, or it can be used to power an earth switched circuit where all other functions are normally positively switched.

Positive switching.

Grey. Signal wire to connect to car circuit being duplicated on trailer

White. Connect to earth

Blue. Connect to suitable 12v supply in vehicle

Red. Switched output to trailer circuit.

Earth switching.

Grey. Connect to 12v supply (same point as Blue lead)

White. Connect between load being duplicated on vehicle and the circuit switch.

Blue. Connect to suitable 12v supply in vehicle

Red Switched output to trailer circuit.

TEB2 TWO WAY BYPASS RELAY

Two way bypass relay. This relay uses the nomenclature of the 7 way bypass in terms of input colours and output numbering. However, the two circuits can be used for any two circuits requiring bypassing so long as the same colour/number convention is followed.

Connection to vehicle

Brown lead to OS Tail lamp or any other circuit

Black lead to NS Tail lamp or any other circuit

White. Connect to earth

Connections to terminal block

12v 12v power supply fused appropriate to the combined outputs.

5 to 12N/13P brown lead or to corresponding trailer output.

7 to 12N/13P black lead or to corresponding trailer output.

TEB3 THREE WAY BYPASS RELAY

Three way bypass relay. This relay uses the nomenclature of the 7 way bypass in terms of input colours and output numbering. However, the three circuits can be used for any three circuits requiring bypassing so long as the same colour/number convention is followed.

Connection to vehicle

Brown lead to OS Tail lamp or any other circuit

Red lead to Brake lamp or any other circuit

Black lead to NS Tail lamp or any other circuit

White. Connect to earth

Connections to terminal block

12v 12v power supply fused appropriate to the combined outputs.

5 to 12N/13P brown lead or to corresponding trailer output.

6 to 12N/13P red lead or to corresponding trailer output.

7 to 12N/13P black lead or to corresponding trailer output.

TEB4 FOUR WAY BYPASS RELAY

Four way bypass relay. This relay uses the nomenclature of the 7 way bypass in terms of input colours and output numbering. However, the three circuits can be used for any three circuits requiring bypassing so long as the same colour/number convention is followed.

Connection to vehicle

Blue to Fog lamp or any other circuit

Brown lead to OS Tail lamp or any other circuit

Red lead to Brake lamp or any other circuit

Black lead to NS Tail lamp or any other circuit

White. Connect to earth

Connections to terminal block

12v	12v power supply fused appropriate to the combined outputs.
2	to 12N/13P Blue Lead or to corresponding trailer output.
5	to 12N/13S brown lead or to corresponding trailer output.
6	to 12N/13S red lead or to corresponding trailer output.
7	to 12N/13P black lead or to corresponding trailer output.

TEB2MA DOUBLE BULB FAILURE BYPASS RELAY WITH INTEGRATED FLASHER MONITOR

This relay provides bypass relay function for flasher circuits only and at the same time gives bulb failure warning via an internal buzzer, or a bulb failure output for use with panel lamp or external buzzer at the TT terminal.

Connections to vehicle via signal leads.

White.	Earth
Yellow	Car near side flasher circuit
Green	Car offside flasher circuit

Connections to terminal block.

12v	12v power supply fused at 7.5 or 10amps.
1	Yellow lead from 12N/13 pin cable. Pin 1
4	Green lead from 12N/13Pin cable. Pin 4