

# TF2218/7H24-Series Smart Bypass

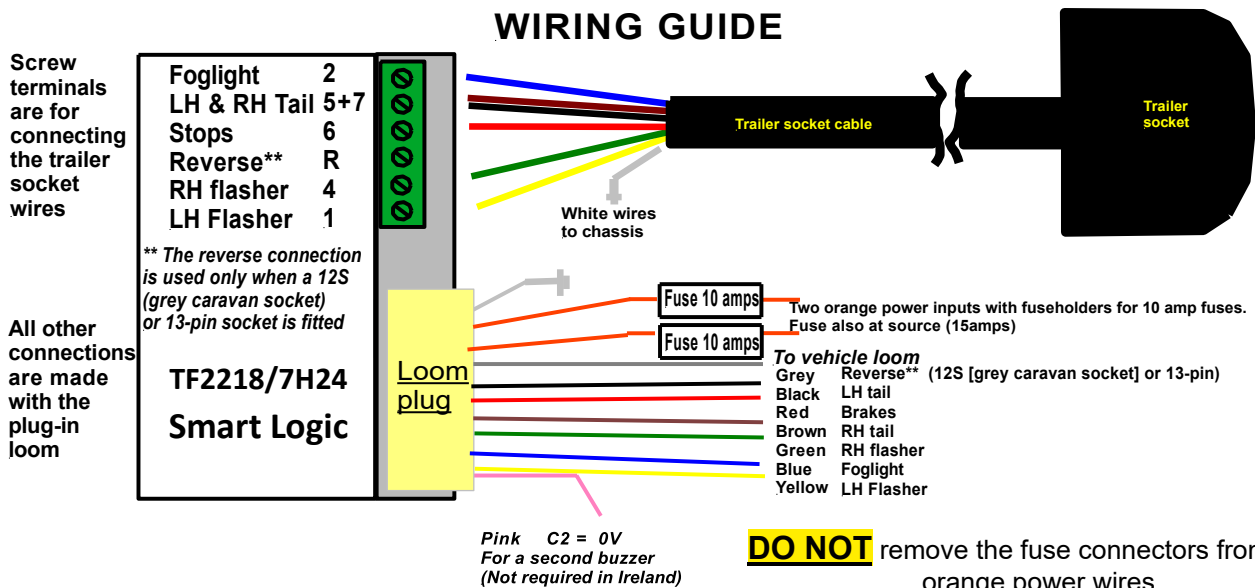
## Relays Fitting Guide



### PLEASE READ INSTRUCTIONS BEFORE FITTING

- Route your power source cable(s) from the relay to the vehicle fusebox or battery using the appropriate connectors. **DO NOT** insert the 15amp fuse yet.
- Connect the 7 core cable from the trailer socket to the relay as per diagram and the appropriate wires from the relay to the vehicle loom.
- Connect thin signal wires Black and Brown to both the vehicle's side light circuits, Black (LH) and Brown (RH)
- IMPORTANT! Dual lamp function:** If brake light and tail light or fog light and tail light share a common wire do not connect either of the side light wires (Black or Brown) from the relay to the car. The relay will interpret the signal on the brake signal wire (Red) or fog signal wire (Blue) and operate the lights, including the side lights, correctly.
- Insert a 15amp fuse at the power source and connect a test board to the socket. Test the installation by turning the car lights on and off and observing the lights on the test board.

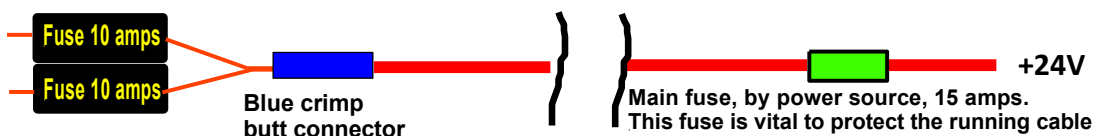
**FORD TRANSIT INSTALLATION** When fitting the relay to a Ford Transit or in similar condensation-prone environments, we recommend putting a coating of grease/sealer over exposed terminals.



**DO NOT** remove the fuse connectors from the 2 orange power wires.

**Doing so will void any warranty on the relay.**  
The 2 x 10A fuses are needed for circuit protection on the TF2218/7H relay.

How to connect if you use a single power cable through the vehicle



**NOTE:**  
One fuse protects: Stop lights: RH tail light: LH tail light  
The other protects LH flasher: RH flasher: Reverse: Fog AND will switch off all circuits if it fails

*Quality – Service – Innovation*

Unit 1, Chadwick Block, Bracewell Ave Poulton-le-Fylde, Lancashire, FY6 8JF, Phone: 01253 881008 (Fax: 01253 886434)

([www.rydertowing.co.uk](http://www.rydertowing.co.uk) [mail@rydertowing.co.uk](mailto:mail@rydertowing.co.uk))