

# TF2218/7-Way Smart Bypass Relay & Fitting Kit

TF2218/7E1183MA



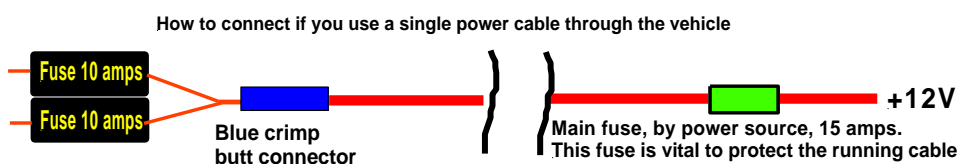
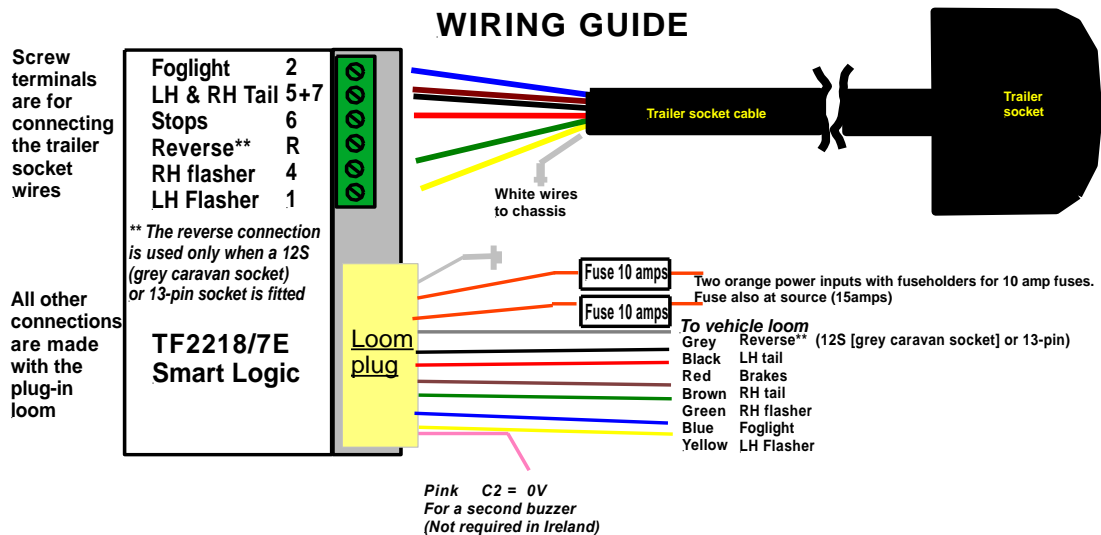
## Fitting the TF2218/7E SMART LOGIC (Bypass Relay)

### **PLEASE READ INSTRUCTIONS and SPECIAL NOTES BEFORE FITTING !**

- Route your power source cable(s) from the relay to the vehicle permanent live. Fit fuse holder as near to the permanent live as possible but **DO NOT** insert the 15amp fuse as 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. Insert a 15amp fuse at the power source and connect a test board. Test the installation by turning the car lights on and off and observing the lights on the test board.

### **\*\*\* Special Notes\*\*\***

- 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.
- FORD TRANSIT INSTALLATION** When fitting relay to a Ford Transit it is recommended to put a coating of grease sealer over exposed terminals.



**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

Distributor

**MALCOLM'S TOWBAR SERVICES** Rathmines, Dublin 6 01 497 5713