

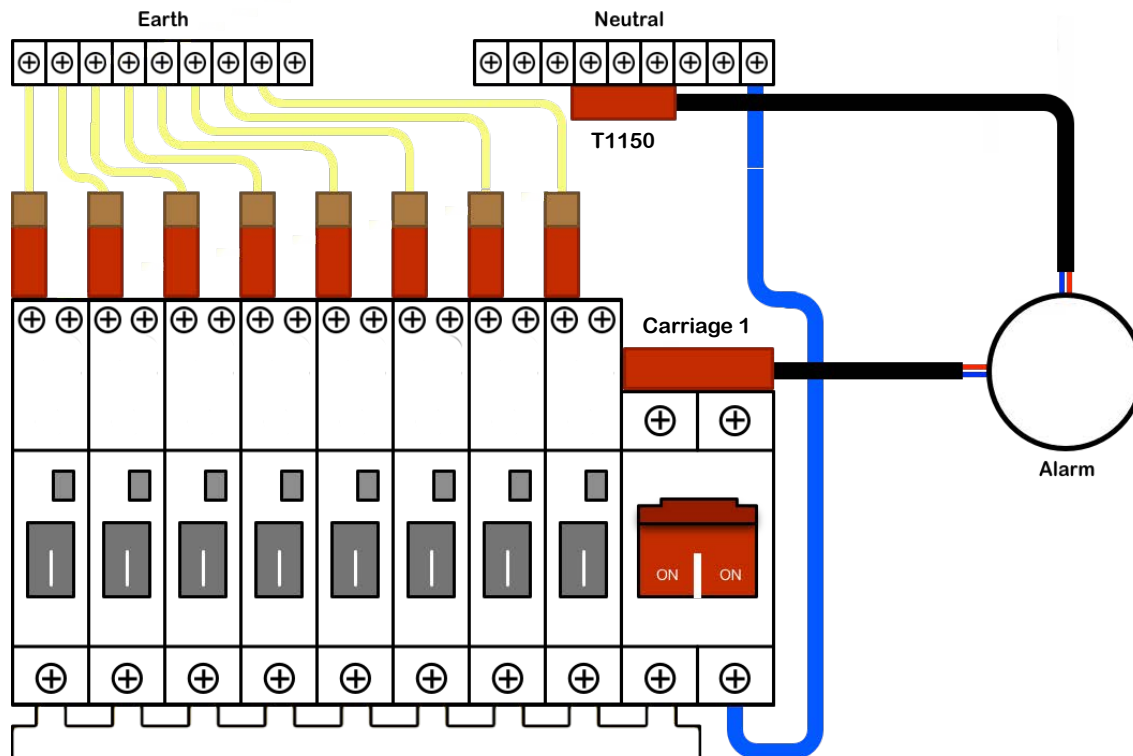
Option 1 - ✓

MAIN SWITCH WITH RCBO'S ON ALL CIRCUITS

Circuit 1 to 8 - The **T1160*** is connected between the RCBO / outgoing phase terminal and the earth bar. If the **T1160*** detects excessive heat it will operate the RCBO, isolating the connected circuit and removing the potential source of ignition.

Main Switch - Carriage 1 (**T1102**) is used for monitoring purposes when connected to a suitable audio/visual alarm.

The neutral bar is monitored by one or more **T1150** devices, also connected to the alarm.



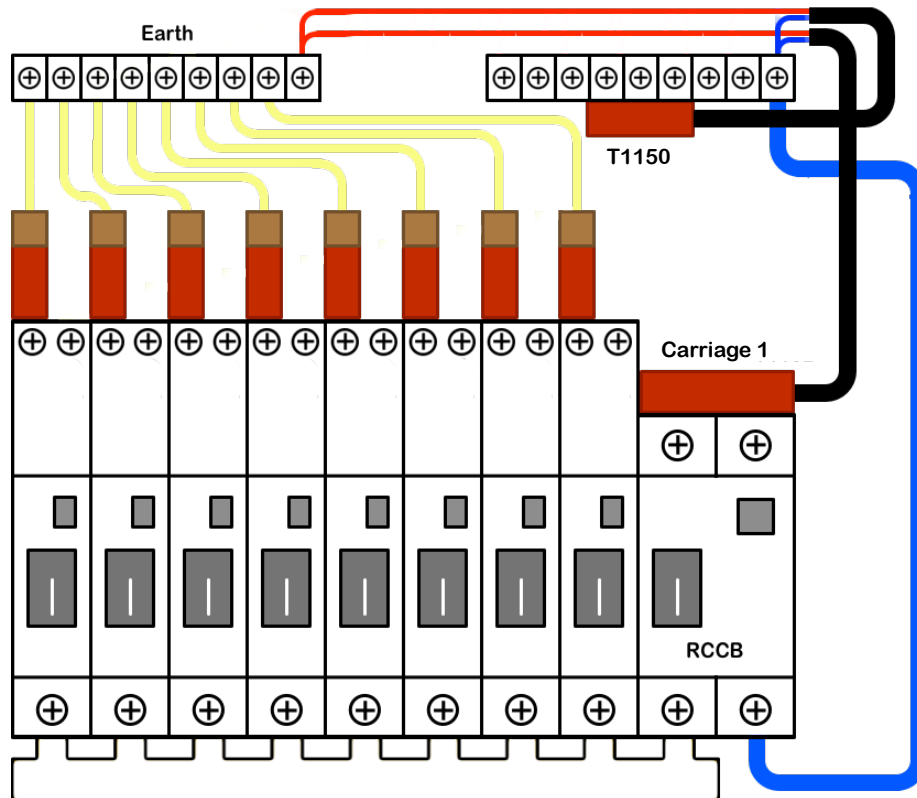
* currently in development

Option 2 - ✓


TIME DELAY RCCB MAIN SWITCH - RCBO'S ON ALL CIRCUITS

The RCCB 100/300mA time delayed main switch is protected by Carriage 1 (**T1102**), connected between the Neutral and the Earth Bar. In the event that excessive heat is detected, the RCCB main switch is operated, isolating all circuits and removing the potential source of ignition.

Circuit 1 to 8 - The **T1160*** is connected between the RCBO / outgoing phase terminal and the earth bar. If the **T1160*** detects excessive heat it will operate the RCBO, isolating the connected circuit and removing the potential source of ignition.



The neutral bar is monitored by one or more **T1150** devices, also connected between the Neutral and the Earth Bar. In the event that excessive heat is detected, the RCCB main switch is operated.

Option 3 - 

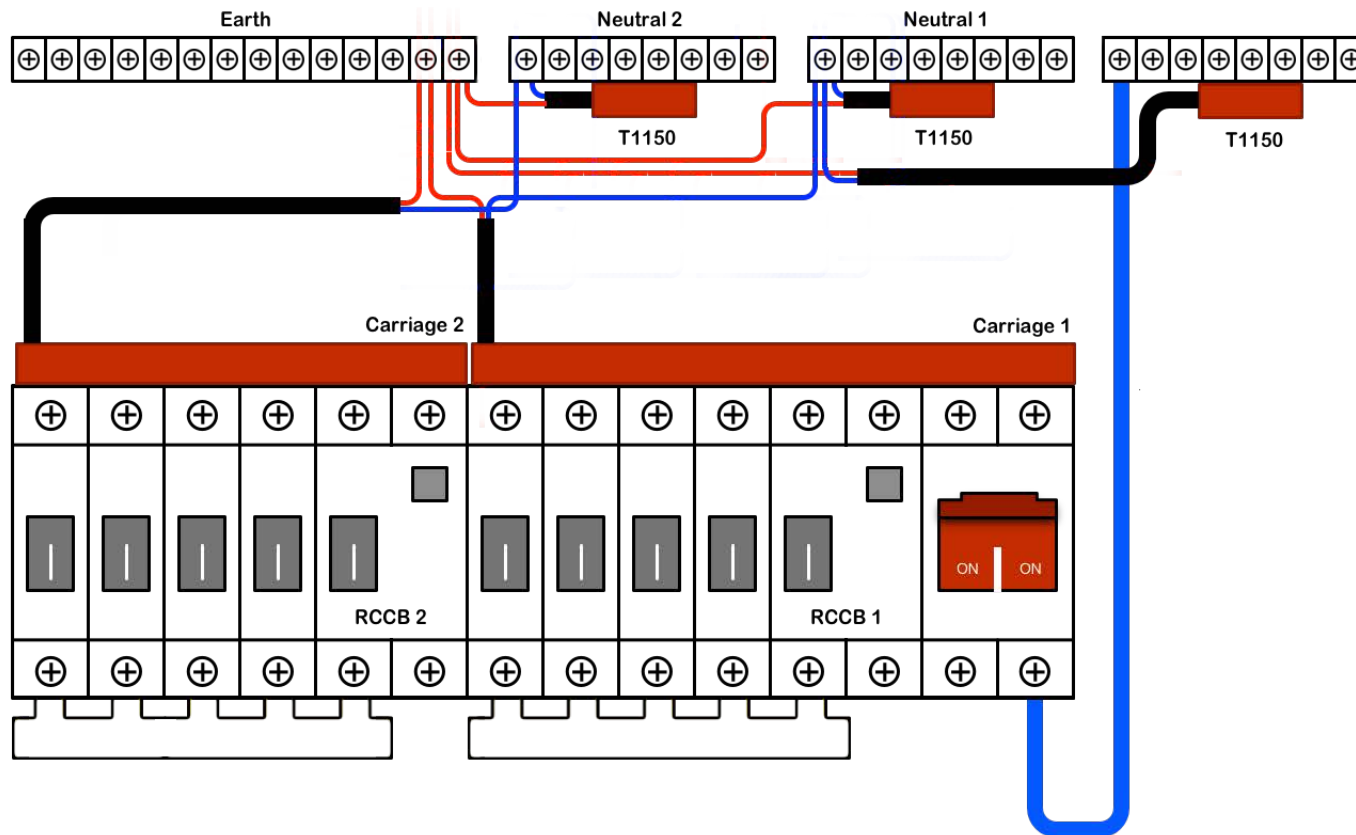
MAIN SWITCH WITH DUAL RCCB'S

Main Switch, RCCB 1 and associated circuits are protected by **Carriage 1 (T1108)**, connected between the neutral bar for RCCB 1 and earth. In the event that excessive heat is detected, RCCB1 is operated, isolating the circuits and removing the potential source of ignition.

RCCB2 and associated circuits monitored by **Carriage 2 (T1106)**, if excessive heat is detected, RCCB 2 is operated.

The two RCCB neutral bars are individually protected by **T1150** devices, connected between RCCB neutral and earth. Abnormal heating operates the associated RCCB and removes the load.

The main neutral bar is protected by a **T1150** device connected between RCCB1 neutral and earth. Abnormal heating operates RCCB1 and reduces the connected load.

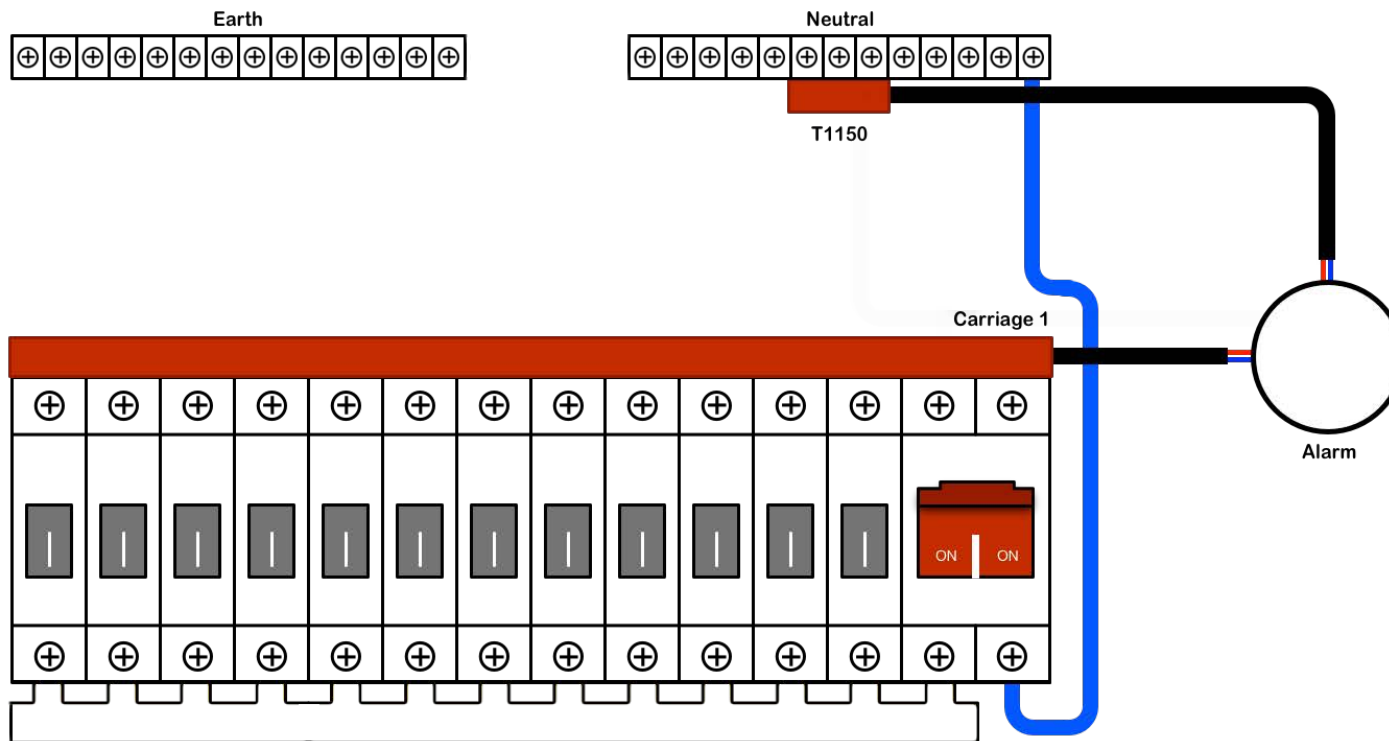


Option 4 - ✓

NO INSTALLED RESIDUAL CURRENT DEVICE'S

Main Switch and circuits monitored by **Carriage 1 (T1114)** connected to a suitable audio/visual warning device. In the event that excessive heat is detected, the alarm will be activated, providing very early warning of a potential fire risk.

The neutral bar is protected by one or more **T1150** devices, also connected to the alarm.



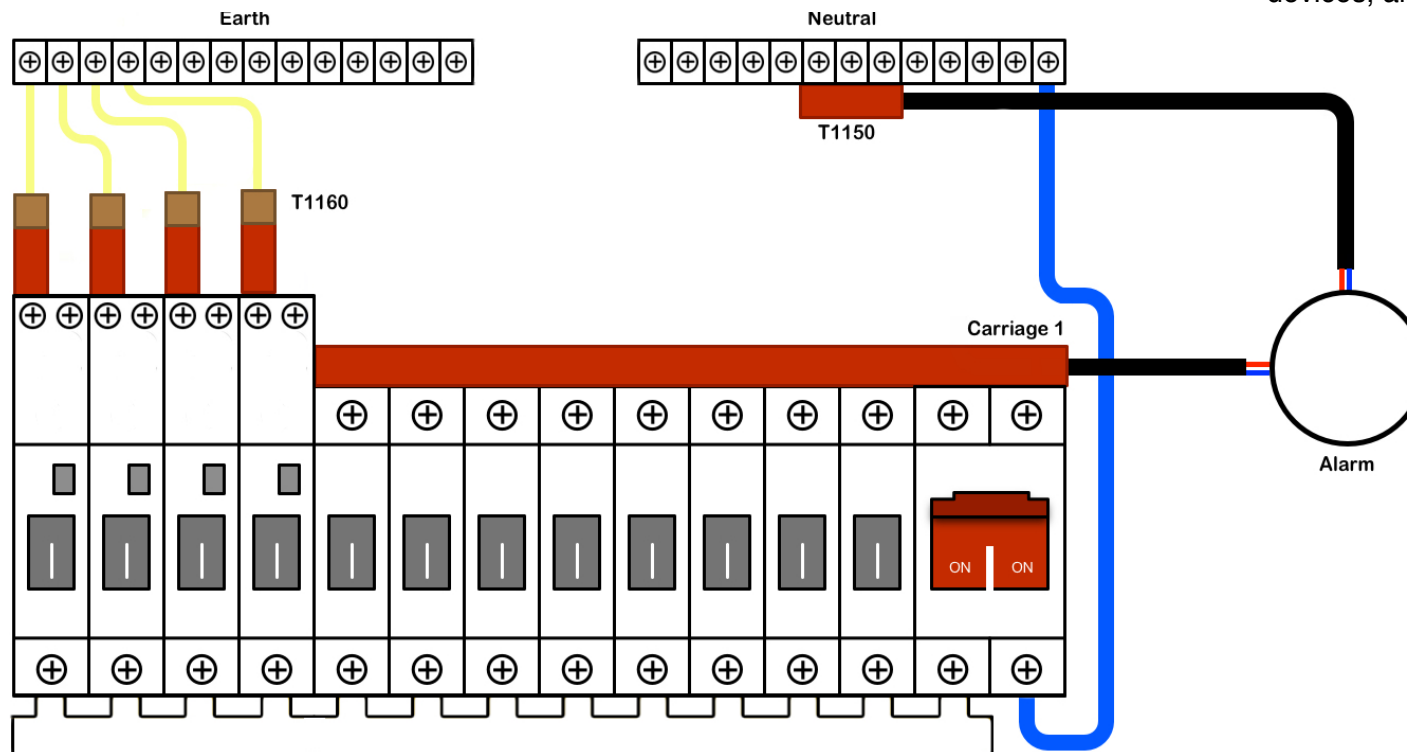
Option 5 - ✓

MAIN SWITCH WITH MCB'S AND RCBO'S

Main switch and MCB's monitored by **Carriage 1 (T1110)** connected to a suitable audio/visual warning device or alarm system. In the event that excessive heat is detected, the alarm will be activated, providing very early warning of a potential fire risk.

RCBO's are protected by individual **T1160*** devices connected between the RCBO / circuit Live and Earth allowing operation of the RCBO if abnormal heat is detected.

The Neutral Bar is monitored by one or more **T1150** devices, also connected to the alarm.



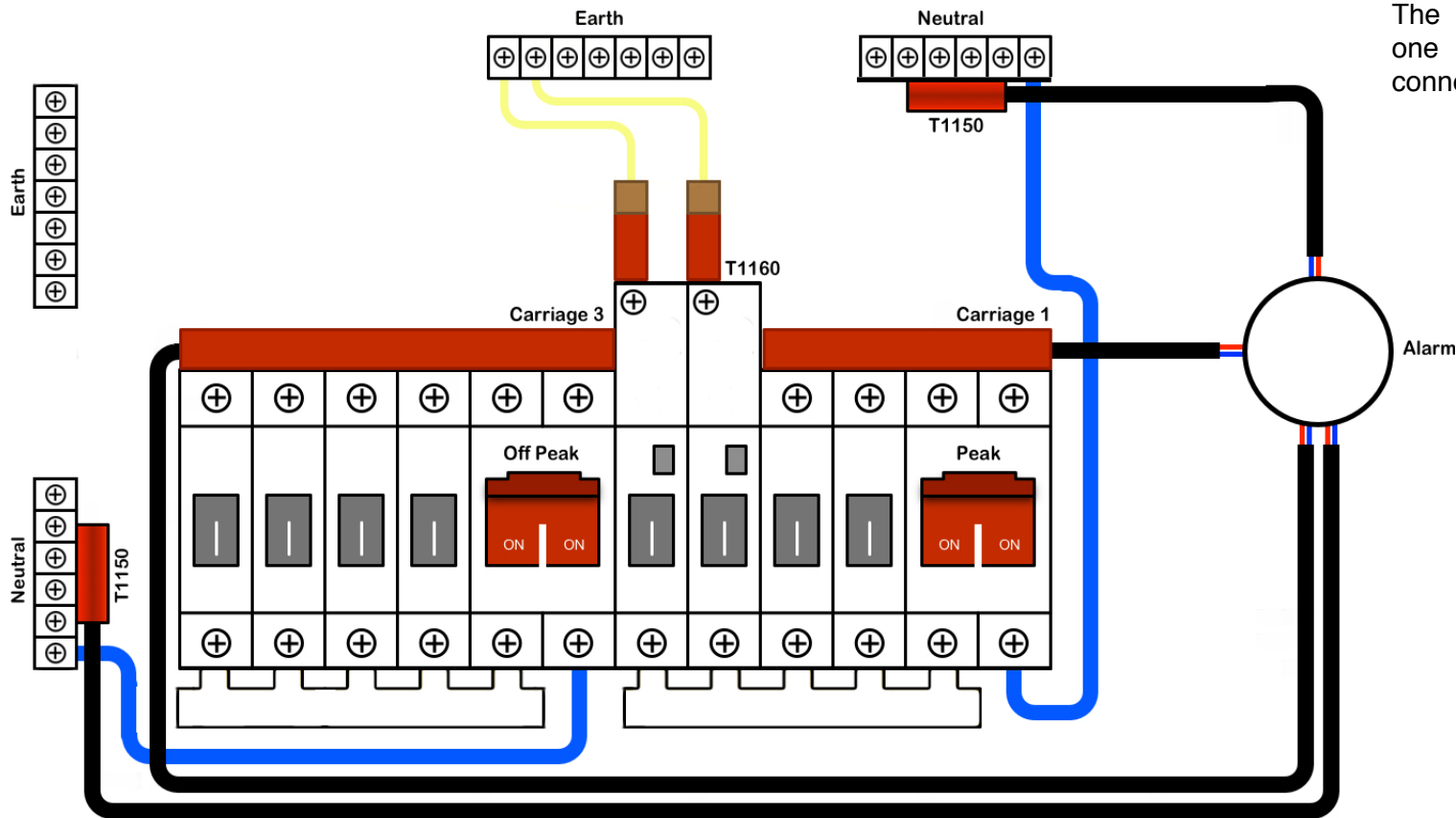
* currently in development

Option 6 - ✓

DUAL TARRIF SUPPLY WITH MCB'S AND RCBO'S


Main switch (Peak) and MCB's monitored by **Carriage 1 (T1104)** connected to a suitable audio/visual warning device or alarm system, giving very early warning of a potential fire risk.

T1160* monitors an RCBO and is connected between the RCBO / circuit Live and Earth allowing operation of the RCBO if abnormal heat is detected. **Carriage 3 (T1106)** monitors the main switch (Off Peak) and all associated circuits connected. This is also connected to the alarm.



The neutral bar's are monitored by one or more **T1150** devices, also connected to the alarm.

* currently in development

Option 7 - 

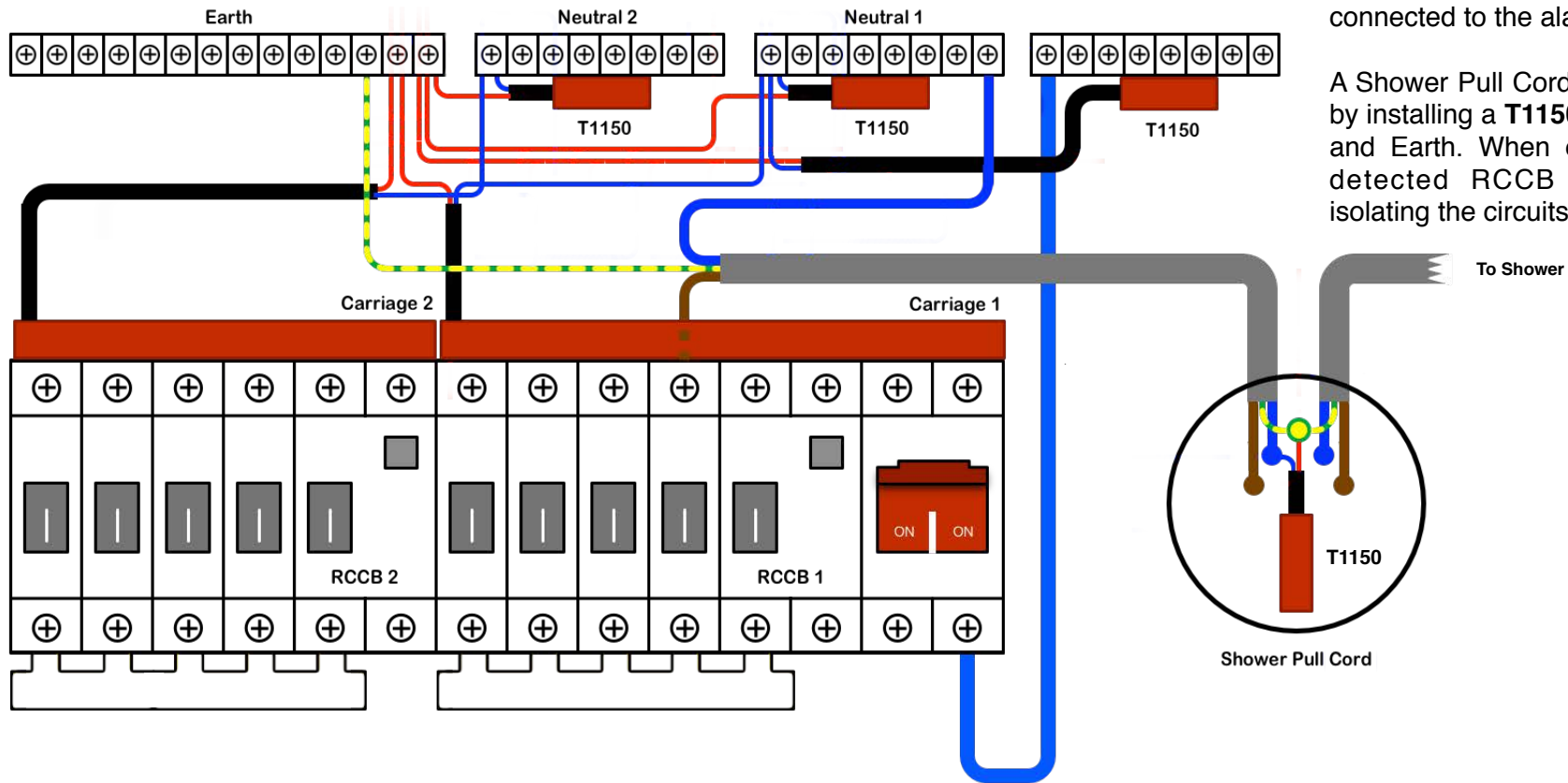
SHOWER PULL CORD SWITCH

Main Switch, RCCB 1 and associated circuits are protected by **Carriage 1 (T1108)**, connected between the neutral bar for RCCB 1 and earth. In the event that excessive heat is detected, RCCB1 is operated, isolating the circuits and removing the potential source of ignition.

RCCB2 and associated circuits monitored by **Carriage 2 (T1106)**, if excessive heat is detected, RCCB 2 is operated.

The neutral bar's are monitored by one or more **T1150** devices, also connected to the alarm.

A Shower Pull Cord can be protected by installing a **T1150** between Neutral and Earth. When excessive heat is detected RCCB 1 will activate isolating the circuits.



The use of T1150 devices within electrical accessories must only be installed where the electrical supply is via a 2 pole RCD where both phase and neutral are switched, not a single pole device. eg an RCBO.