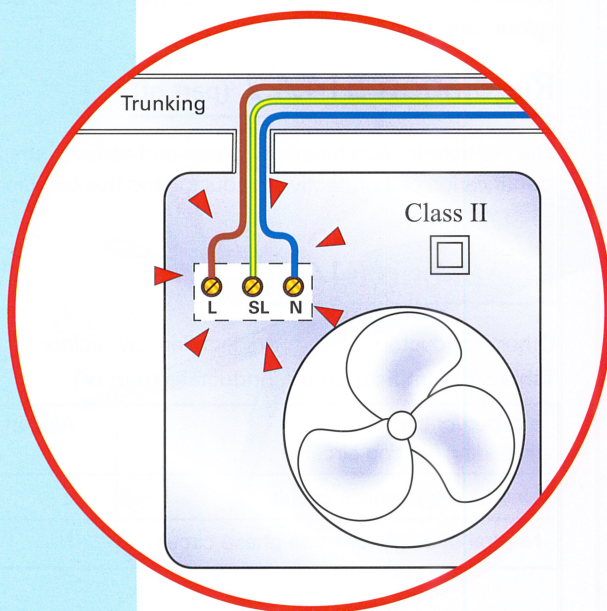


## Conductors must be correctly identified

Conductors must be correctly identified by colour or alphanumerically to avoid confusion when the installation is repaired, extended or modified at a later date.

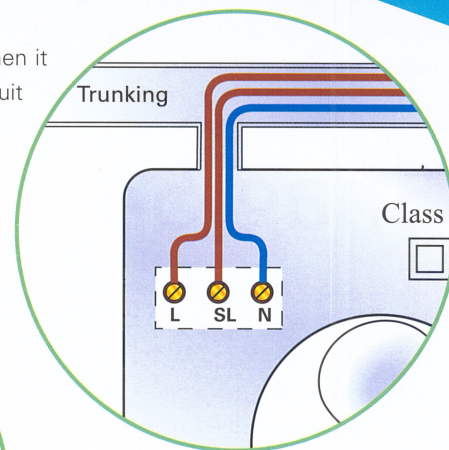
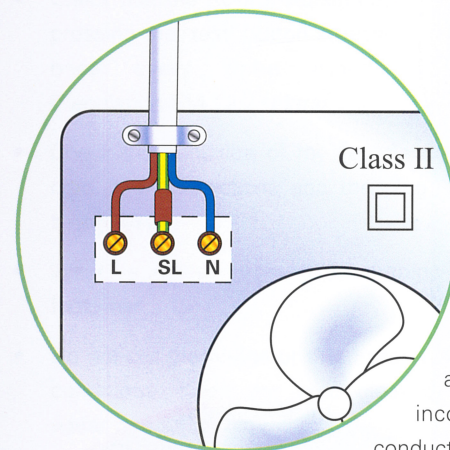
# Snag 53

Where single-core cables are installed in trunking or conduit the green-and-yellow conductor must only be used as a protective conductor. Using the conductor as a live conductor would create confusion in those who may need to maintain the system.



## Solution

If an additional live conductor is needed, then it should be run within the trunking or conduit and labelled accordingly.



However, where a flexible multicore cable is installed, as for example occurs between a connection unit and an extract fan (of Class II construction) incorporating a timer, the protective conductor may be appropriately labelled and used as a live conductor.

### Regulation 514.4.2 (part of)

The bi-coloured combination green-and-yellow shall be used exclusively for identification of a protective conductor and this combination shall not be used for any other purpose.

Single-core cables that are coloured green-and-yellow throughout their length shall only be used as a protective conductor and shall not be overmarked at their terminations, except as permitted by Regulation 514.4.3.