



Safety Alert

Issue No. 1
Date: Jun 2018

What Happened

An Electrical Engineer spotted that that an earth wire had been used as a conductor within an ACB at one of our sites. Although an attempt had been made to show that it was not being used as an earth (by wrapping tape around it) this meant that the wire was not consistently marked for the entirety of its length and could have been incorrectly identified. The engineer was particularly concerned as they have encountered a similar issue in their previous career and in that case it led to a fatality.

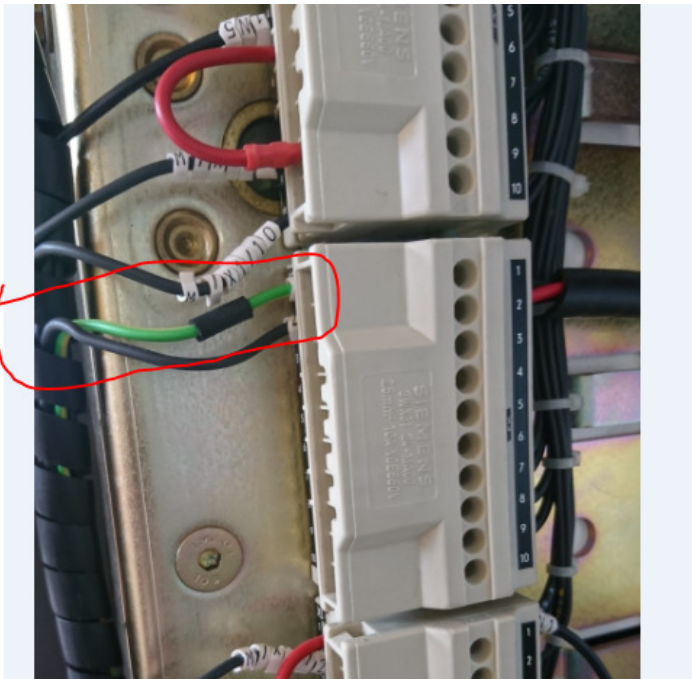
What Lessons Can Be Learnt?

The investigation revealed that the wire had most likely been like this since the installation of the panel and had previously gone unnoticed.

What Do You Need To Do?

Be aware that this could exist on other sites and always act to reduce the chance of serious harm:

- If you spot a similar issue at another site please report it so that it can be resolved.
- If you work on any electrical circuits, always test, in line with your training, to confirm that it is connected as you would expect. Never rely on assumptions.



What The Regulations State

IET Wiring Regulations state that the bi-colour 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

Safe Every Way

