

TB-GEN015

## TECHNICAL BULLETIN

**SAFETY ISSUE**

---

**For the Attention of :** Graham Mears, Pete Canning, Larry Power, Field Managers, Testers, Installers, CDO, Margaret Pitman, Phil Beresford

**From:** Jon Blight  
**Date :** 12 December 2016  
**Subject :** **Earthing Modification - Amendment**  
**Product:** **Passenger Lifts – all product range**  
**Pages :** 2

---

### **Background**

On 30 June 2015 Angelos Stranzalis issued TB GEN 010 highlighting that the absence of an earth link from the male to female side of the commando socket will drastically reduce the reduce potential to earth when disconnected. Not installing the earth link would increase the risk of electric shock from installations fitted with capacitors

On further investigation we have found that on installations fitted with a connected UPS back up system, that disconnecting the commando socket will cause the lift to home.

This situation is potentially dangerous.

Do **not** under any circumstance disconnect the commando socket from any installation when a UPS is connected.

The use of the commando socket is to ensure the installer has total control of the electricity supply.

### **Earth Connection**

There is no need to add an additional earth as all products with capacitors already have a dissipation light fitted to main drive. The light fitted to the drive will go out when the capacitors have discharged

### **Actions**

Please use the rotary switch in the lift controller when fitted or landlords supply, this will ensure you safety.

Wait for the light on the main drive to go out before proceeding.

Also please ensure that there are no operatives on the car top during the isolation process.

I hope you all find this Bulletin to be of assistance and should you have any questions about this topic then please contact me on either on the numbers below:

**Ext 8688 or DDI 01264 343688**

Jon