

UNWANTED TRIPPING OF RCDs



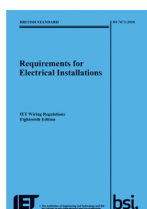
Regulation 531.3.2 gives designers two options to use to avoid unwanted tripping of RCDs from earth leakage current during normal operation.

Option 1

Divide the installations into individual circuits, each using its own 30mA RCBO.

Option 2

Design the installation so that the PE current is no more than 30% of the rated trip current eg 9mA (30% of 30mA).



For full details see BS7671 IET Wiring Regulations

 Crabtree