

EICR 10 things to check when inspecting the distribution board in the garage

- 1) Correct rating of the protective devices (In and IΔn)
- 2) Adequate breaking capacity (Icn) of protective devices
- 3) Correct characteristic type (e.g., B, C or D) of protective devices
- 4) Correct sequence of conductors on busbars
- 5) D.B. securely fixed to wall
- 6) No holes bigger than IP4X on top of D.B. *Solid objects 1 mm in diameter or more will not enter, protection against entry by tools, wires etc. more than 1 mm diameter*
- 7) No holes bigger than IP2X on front sides and bottom of D.B. *Solid objects 12.5 mm in diameter or more will not enter, protection for fingers up to 80 mm long*
- 8) Holes where the twin and earth cables come out to be protected by grommets
- 9) SWA gland to be properly fitted
- 10) Earth tag on the SWA gland to be bolted to the D.B. and a lead taken from the bolt to the earth busbar
- 11) Protective devices to be marked to show which circuit they protect
- 12) Notice to tell people to test the RCD quarterly
- 13) Terminals tight
- 14) No visible damage

WIRING

- a) No excessively sharp bends
- b) Cables properly clipped
- c) Switch wires and pass wires sleeved brown
- d) Outer sheath taken into enclosures, no cores exposed outside enclosures
- e) Bare CPC to be sheathed green and yellow in enclosures
- f) Insulation on live conductors should go up to terminals, no bare live conductor showing
- g) No visible damage, cuts abrasion etc.