

1.3.11.21 Small Wiring and Terminal Blocks

- A. Wiring shall generally be of the multi-stranded high temperature to minimum 105 °C flexible PVC insulated, 600/1000V single core stranded copper type cable to BS EN 6231, with a minimum cross sectional area of 1.5 mm Sq. for control and 2.5 mm sq. for power.

1.3.11.22 Colour Coding

- A. Colour-coding shall be:
- | | |
|---------------------|-------------------------------|
| a. Red | - Red phase |
| b. Yellow | - Yellow phase |
| c. Blue | - Blue phase |
| d. Black | - Neutral |
| e. Green and Yellow | - Earth/Protective conductors |
| f. Grey | - 110V a.c |
| g. White | - 60 D.C. |
| h. Purple | - <50V a.c |
| i. Brown | -Current Transformers |
- B. Identification of conductors and auxiliary circuit shall be in accordance with BS EN 60445 and BS EN 60446

1.3.11.23 Termination

- A. All wiring shall have crimped terminations, only one wire being held by any one crimp. Crimped lugs shall be of the insulated type without conductor exposure between the crimp and wire insulation.
- B. The type of crimp used shall be appropriate for the type of terminal to which it connects.
- C. Terminations shall be neatly arranged leaving adequate length for one termination.
- D. All terminal blocks for the connection of small wiring shall comprise shrouded anti-tracking moulding of melamine phenolic or comparable material with provision for securing conductors.