

Indian Wire Colour-Code Chart

Phase, neutral and earth wire colours under the old and the new (IEC) Indian conventions.

India has been moving from the old wiring colour code to the IEC-harmonised colours. Both are still found in the field, so always test before you touch a conductor.

Old Indian convention

Conductor	Single phase	Three phase
Phase (Live)	Red	Red, Yellow, Blue
Neutral	Black	Black
Earth	Green	Green

New convention (IEC 60446 — current practice)

Conductor	Single phase	Three phase (L1/L2/L3)
Phase (Live)	Brown	Brown, Black, Grey
Neutral	Light Blue	Light Blue
Earth	Green-Yellow (striped)	Green-Yellow (striped)

Safety: Colour codes are a guide, not a guarantee. In older or mixed installations the colours may not match either standard — always switch off and verify with a tester before working on any wiring.

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