

CABLE WIRING INFORMATION



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Current Rating vs Cable Diameter

Nominal Area (mm ²)	Nearest AWG	Nominal Current Rating (A)
0.5	20	8
1.0	17	13
1.5	16	17
2.5	13 / 14	24
4.0	11 / 12	32
6.0	10	41
10.0	8	55
16.0	6	69
25.0	4	84

Wiring Recommendations

- Ensure that cable insulators are undamaged.
- Ensure that all cables are unwound and not kinked.
- Ensure that all connections are sound with no inner cables or conductors visible.
- Ensure that all conductors are of sufficient current rating for the applied load.
- Ensure that all connectors are of sufficient current rating for the applied load.
- Always protect the equipment with the correctly rated fuses.
- Always isolate equipment before removing cables from sockets.
- Cables can be damaged and due care should be taken to avoid situations in which they could be crushed, driven over, over forced or bent beyond their recommended tolerance.
- Electricity can kill. Never take electricity itself or associated equipment and appliances for granted.

Cable Colours

Single Phase

Country	Wire	Colour
Europe	Live	Brown
	Neutral	Blue
	Earth	Green / Yellow

USA	Live	Black
	Neutral	White
	Earth	Green

Three Phase

Country	Wire	Colour
Europe	Phase 1	Red
	Phase 2	Yellow
	Phase 3	Blue
	Neutral	Black
	Earth	Green / Yellow

USA	Phase 1	Red
	Phase 2	Black
	Phase 3	White
	Earth	Green

Cable Connector Colours & Wiring

