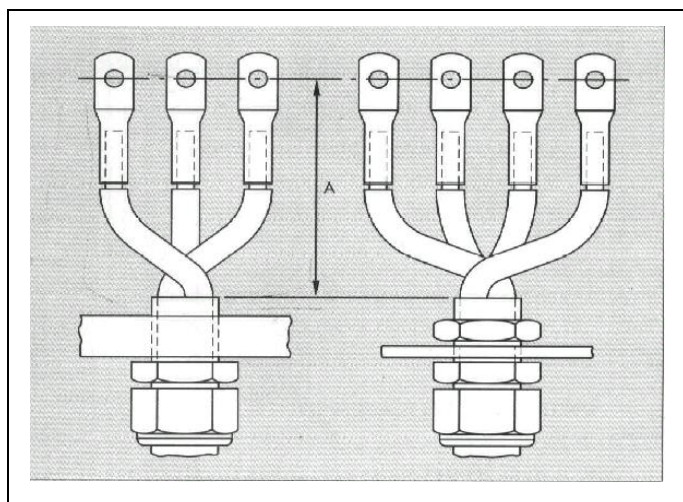


The Industry Standard Dimensions of Cable terminations

The scope of this standard relates to dimensions that should be observed in the design of cable terminations, having un-insulated conductor fittings, for external cables on Electrical equipment to enable the cables to be connected satisfactorily. The standard is based upon the use of compression type conductor terminations and allows for the cores to be crossed within the terminal enclosure because this combination requires more space.

The diagram and table below gives the dimensions quoted by this standard.

3 core and 4 core Terminations	
Cable size (mm ²)	Dimension 'A' (mm)
16	100
25	115
35	130
50	155
70	180
95	200
120	210
150	230
185	255
240	285
300	325



BS 5486 Part 1:1990 clause 7.1.3.2. States “in the absence of special agreement between manufacturer and user, terminals shall be capable of accommodating conductors and cables of copper from the smallest to the largest cross sectional areas corresponding to the appropriate rated current circuit device”. A summary of the sizes is shown in the table below.

Termination Capacity		
Rated Circuit Current (A)	Cable Cross Section (mm ²)	
	Min	Max
32	2.5	10
63	6	25
100	16	50
125	25	70
160	35	95
200	50	120
250	70	150
315	95	240

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