

91-AHSCA / AHA Series Kit Selection Chart

Low Voltage Heatshrink Cable Joints

For Cable Types: XLPE/PVC Insulation, Steel Wire Armour Cables rated to 0.6/1kv

Kits include Heatshrink Tubes, Armour Continuity, and full instructions

NOMINAL CONDUCTOR AREA (mm ²)	NBR OF CORES	KIT REF	ACCEPTED CABLE DIAMETER (HEATSHRINK TUBE)		DIAMETER OVER ARMOUR (CONSTANT FORCE SPRING)	
			MIN (mm)	MAX (mm)	MIN (mm)	MAX (mm)
1.0	3 - 4	91-AHSCA-6	8	30	14	22
1.5	3 - 4	91-AHSCA-6				
2.5	3 - 4	91-AHSCA-6				
4.0	3 - 4	91-AHSCA-6				
6.0	3 - 4	91-AHSCA-6				

Screw Connectors are included in these kits

NOMINAL CONDUCTOR AREA (mm ²)	NBR OF CORES	KIT REF	ACCEPTED CABLE DIAMETER (HEATSHRINK TUBE)		DIAMETER OVER ARMOUR (CONSTANT FORCE SPRING)	
			MIN (mm)	MAX (mm)	MIN (mm)	MAX (mm)
6	4	91-AHA-21-S	12	38	18.5	29
10	4	91-AHA-21-S				
16	4	91-AHA-21-S				
25	4	91-AHA-22-S	15	55	18.5	29
35	4	91-AHA-22-S				
50	4	91-AHA-23-S	15	65	23.5	37
70	4	91-AHA-23-S				
95	4	91-AHA-24-S	26	85	31	50
120	4	91-AHA-24-S				
150	4	91-AHA-24-S				
185	4	91-AHA-25-S	38	128	44	70
240	4	91-AHA-25-S				

To select connectors for these kits;

Joining Copper connectors - please refer to page 1 in the Connectors & Lugs Selection Guide

Joining Aluminium connectors - please refer to page 2 in the Connectors & Lugs Selection Guide

Joining Copper to Aluminium conductors - please refer to page 3 in the Connectors & Lugs Selection Guide

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