

Underground Distribution

11kV 3-core 95mm² - 300mm² Universal Heat Shrink, Resin Encapsulated Cable Joints

For Industrial SWA 3-Core Polymeric
and Paper Insulated Cables
(Belted and Screened)



The Universal Solution

The SICAME UK universal heat shrink joints are designed for 3-core SWA PILC and 3-core SWA Polymeric cables with either stranded/solid, aluminum or copper cable cores.

Each kit contains all the required components/ accessories for completing the joint (excluding encapsulating resin). Polyurethane resin is available on request.

The joint kit includes the unique SICAME '3 layer' heat shrink tube, with integral inner stress control layer.

The assembled joint meets the requirements of HD629.2.S2.



Precise Torque Controlled Connections

Mechanical phase connectors are provided that feature the SICAME UK universal shear bolt, designed to shear at the correct torque for the cable size and always flush/ recessed with the surface of the connector body.

The mechanical connectors for both the straight and branch kits are of the 'split' design, thereby minimizing any unnecessary movement of the paper cores when assembling a transition joint.

All the connectors meet the requirements of BS EN61238-1 Class A or equivalent.

The kit also includes the mechanical connection onto the lead sheath (PILC) with the assembly conforming to the standards as detailed in ENATS ERC93.



Resin Filled

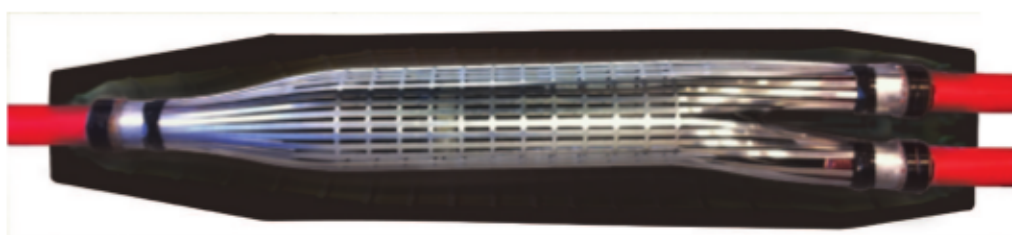
It is recommended that a 2-part polyurethane resin compound is used to encapsulate the joint, to ensure that a reliable, water resistant and mechanically robust joint is provided. This can be supplied as a 7 litre pack.



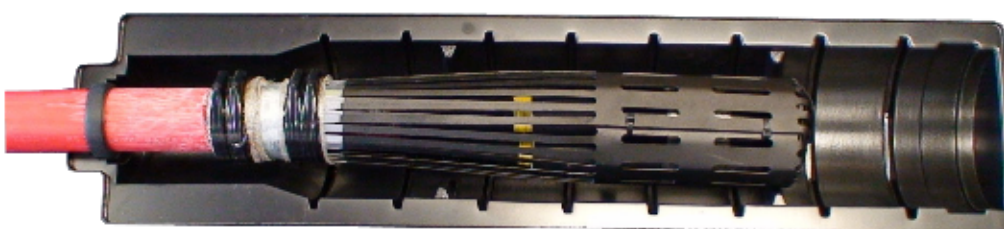
- Straightforward and simple installation
- All materials supplied in one convenient kit (excluding polyurethane resin)
- High quality materials developed by SICAME UK
- Shear off bolt type mechanical connectors, 'split' for ease of assembly
- A complete range of kits for all types of SWA cables, configurations and sizes up to 300mm²
- 2-part polyurethane resin available (referenced below)



Typical Mains Straight Joint



Typical Mains Branch Joint



Typical Mains Stop End Joint

Joint Selection Chart

	Joint Type	Reference	Resin Volume (Litres)
Straight	95mm ² to 185mm ²	HSK1	21 Litres
	185mm ² to 300mm ²	HSK2	35 Litres
Parallel	Branch 95mm ² to 185mm ²	HSK3	43 Litres
	Branch 185mm ² to 300mm ²	HSK4	52 Litres
	Stop end 95mm ² to 300mm ²	HSK5	16 Litres

Build-up kits are available for conductor sizes less than 95mm², to suit both XLPe and Paper Insulated cables.

Polyurethane Resin, two part mix, 7 Litre pack, Ref: 53534-51

Please Contact Sicame Electrical Distribution for more details

Sicame UK Limited offer a full range of LV and MV joints and accessories.



A full range of compression equipment including cable lugs, dies and associated tooling are available



Sicame UK in line Hazardous area LV cable joints are designed for use with Armoured or Unarmoured Lead Sheathed XLPE/PVC cables, with multi core conductors, rated up to 3.3kV and cover the complete range of conductor sizes from 1.5 to 400mm²



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General note: The equipment in this publication should be installed by a suitably qualified person. Sicame UK Limited reserves the right to make changes in product specification without notice or liability. All information is subject to Sicame UK's own data and is considered accurate at the time this document was created.

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