

36CSJ SINGLE CORE STRAIGHT JOINT WITH CONNECTOR

Up to 36 kV

Application

For jointing copper wire screened polymeric cable to be laid in air or directly buried. The product is fully screened and fully submersible.

Technical characteristics

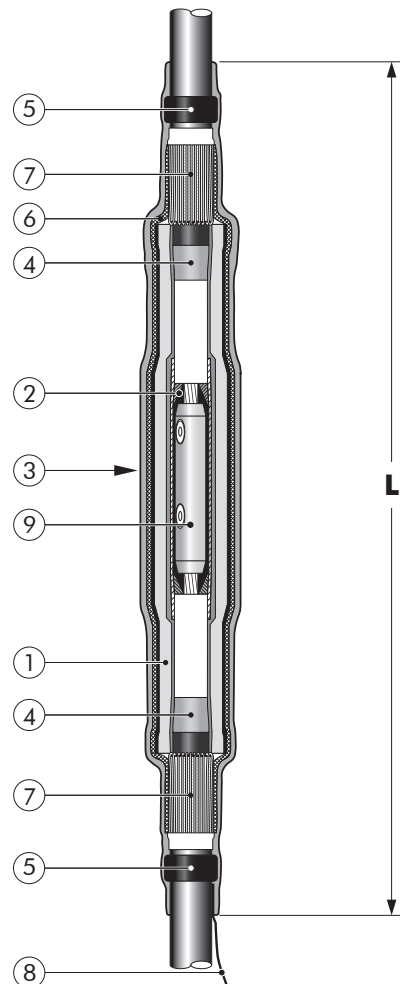
All joint bodies are tested for AC withstand prior to leaving the factory.

18/30 (36) kV
19/33 (36) kV

Design

Cold-shrinkable joint comprising:

1. Extruded triple layer EPDM rubber body.
2. Semi-conductive tape embedded in field control mastic.
3. Overall protective EPDM cover.
4. Field control mastic.
5. Water sealing mastic.
6. Copper stocking.
7. Self-adhesive copper tape.
8. Traceability tag.
9. Conductor connector.



Specifications and standards

The cold-shrinkable 36CSJ joint meets the requirements of CENELEC HD 629.1.

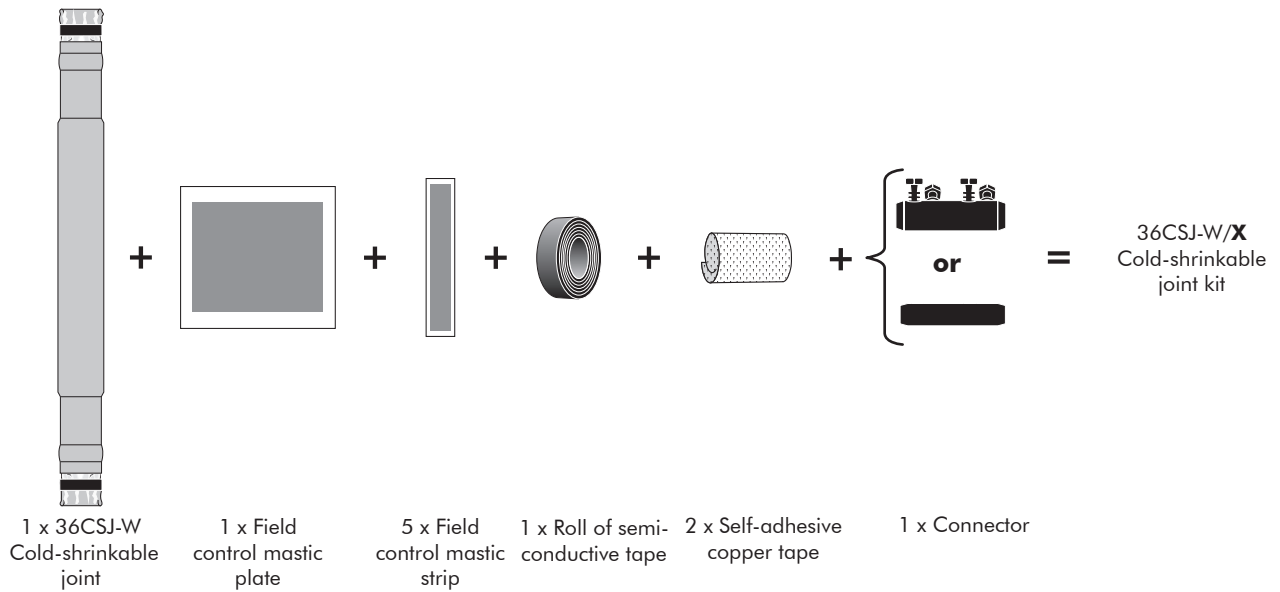
| Cold-shrinkable straight joint type | L (mm) | Voltage U _m (kV) | Diameter over outer sheath (mm) | Diameter over core insulation (mm) | Conductor sizes for 36 kV (mm ²) (for information only) | |
|-------------------------------------|--------|-----------------------------|---------------------------------|------------------------------------|---------------------------------------------------------------------|-----|
| | | | max | min | min | max |
| 36CSJ-2 | 750 | 36 | 48 | 23 | 35 | 240 |
| 36CSJ-3 | 850 | 36 | 57 | 30 | 185 | 630 |

01/2012

Kit contents

A typical complete cold-shrinkable joint kit comprises the following components :

The kit also comprises a pulling hook, adhesive tape, lubricant, wipers, gloves, template, white pencil and installation instructions.



Ordering instructions

Select the part number corresponding to the cable insulation diameter and the diameter over outer sheath and substitute X using table X, according to the conductor size and type.

Example:

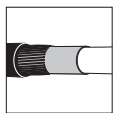
The copper wire screened cable is 36 kV, 150 mm² stranded aluminium with a diameter over core insulation of 32.1 mm. Order a 36CSJ-2/M95.240-45 cold-shrinkable joint kit.

Table W

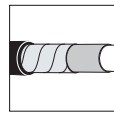
| Ordering part number | Dia. over core insulation | Dia. over outer sheath |
|----------------------|---------------------------|------------------------|
| 36CSJ-2/X | 23 mm min. | 48 mm max. |
| 36CSJ-3/X | 30 mm min. | 57 mm max. |

Table X

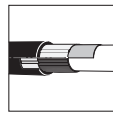
| Conductor sizes (mm ²) | Aluminium conductor | | | Copper conductor | |
|------------------------------------|---------------------|-------------|---------|------------------|---------|
| | DIN hexagonal | Deep indent | Bolted | DIN hexagonal | Bolted |
| 35 | 35ALU-H | DI_35 | | 35KU-H | |
| 50 | 50ALU-H | DI_50 | | 50KU-H | |
| 70 | 70ALU-H | DI_70 | | 70KU-H | |
| 95 | 95ALU-H | DI_95 | | 95KU-H | |
| 120 | 120ALU-H | DI_120 | M50.240 | 120KU-H | M50.240 |
| 150 | 150ALU-H | DI_150 | | 150KU-H | |
| 185 | 185ALU-H | DI_185 | M95.240 | 185KU-H | M95.240 |
| 240 | 240ALU-H | DI_240 | | 240KU-H | |
| 300 | 300ALU-H | DI_300 | | 300KU-H | |
| 400 | 400ALU-H | DI_400 | | 400KU-H | |
| 500 | 500ALU-H | DI_500 | | 500KU-H | |
| 630 | 630ALU-H | DI_630 | | 630KU-H | |



For use with copper wire screened cables. No earthing device is necessary. Order: -45.



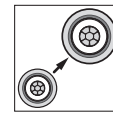
For use with copper tape screened cables. Order: -26



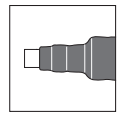
For use with Alupe or C 33-226 cables. Order: -07



For use with other cable types. Please contact our representative.



For use with larger sections. Please contact our representative.



Can be supplied as a stop joint. Please contact our representative.



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Thorne & Derrick
+44 (0) 191 410 4292
www.powerandcables.com