



CHARDON Jumpers and Testleads





DESCRIPTION

The CHARDON jumpers are prefabricated lengths of cable on which separable connectors or terminations are installed on each end. The jumpers have screen wire finishing with an earthing lug or other

request and sealed by CHARDON CJS or Shield adapter. Jumpers are used as fixed solutions in wind turbines, transformers. Test leads are typically used to perform tests on electrical installations, transformers, motors.

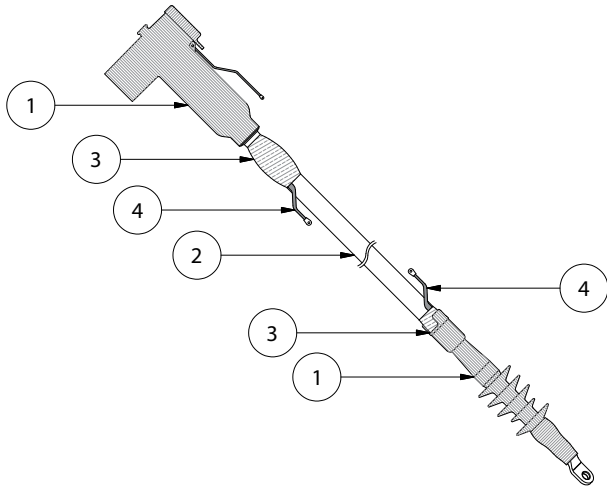
PRODUCT RATINGS

Maximum Voltage Class (Um)	12kV/17.5kV	24kV	36kV	42kV
AC 5 Minute Withstand	39kV	57kV	85.5kV	93.5kV
Minimum Corona Voltage Level	15kV<3pC	22kV <3pC	33kV<3pC	36kV<3pC
BIL and Full Wave Crest (Impulse)	95kV	125kV	194kV	200kV

SPECIFICATIONS AND STANDARDS

CHARDON Jumpers meets the requirements of HD629.1, IEC 60502-4, EN 50181.

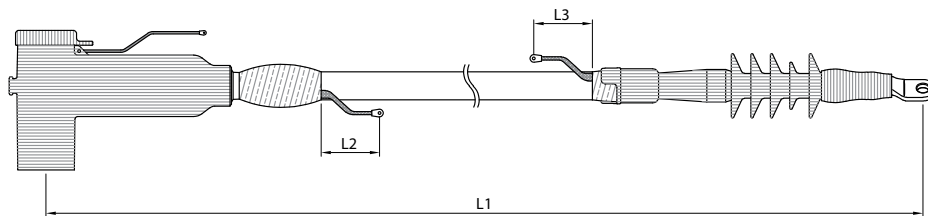
CHARDON JUMPER DETAILED DESIGN & COMPOSITION



1. Connector or termination adapted to the chosen interface type and voltage class.
2. Cable length.
3. Sealed by CHARDON CJS or Shield adapter. Other sealing solutions are available upon request.
4. A screen wire finishing with an earthing lug is standard. Other finishings are available upon request.

ORDERING INFORMATION

Jumper can be customized according to the information below:



1. Voltage class:

<input checked="" type="checkbox"/> 6/10(12)kV	<input checked="" type="checkbox"/> 6.35/11(12)kV	<input checked="" type="checkbox"/> 8.7/15(17.5)kV	<input checked="" type="checkbox"/> 12/20(24)kV
<input checked="" type="checkbox"/> 12.7/22(24)kV	<input checked="" type="checkbox"/> 18/30(36)kV	<input checked="" type="checkbox"/> 19/33(36)kV	<input checked="" type="checkbox"/> 20.8/36(42)kV

2. Current:

<input checked="" type="checkbox"/> 250A	<input checked="" type="checkbox"/> 400A	<input checked="" type="checkbox"/> 630A	<input checked="" type="checkbox"/> 800A	<input checked="" type="checkbox"/> 1250A
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3. Product to be installed on side A:

<input checked="" type="checkbox"/> Type A Straight Connector	<input checked="" type="checkbox"/> Type A Elbow Connector	<input checked="" type="checkbox"/> Type C Connector	<input checked="" type="checkbox"/> 12/20(24)kV
<input checked="" type="checkbox"/> Termination (Lug type upon request)			

4. Product to be installed on side B:

<input checked="" type="checkbox"/> Type A Straight Connector	<input checked="" type="checkbox"/> Type A Elbow Connector	<input checked="" type="checkbox"/> Type C Connector	<input checked="" type="checkbox"/> 12/20(24)kV
<input checked="" type="checkbox"/> Termination (Lug type upon request)			



Type A Straight Connector



Type A Elbow Connector



Type C Connector



Termination

5. Sealed solution on side A:

- By product
- CJS
- Shield Adapter

Grounding wire: Braided Twisted Extra Cable Other

*Length(L2) upon request

6. Sealed solution on side B:

- By product
- CJS
- Shield Adapter

Grounding wire: Braided Twisted Extra Cable Other

*Length(L3) upon request



CJS (Cold Shrink Jacket Seal)



Shield Adapter

7. Length of cable lead (L1) upon request.

Cable type: XLPE EPR Other

8. Position contact surface of side B:

- In line with side A
- 90° angle with side A
- Other

9. Testing:

All Jumpers are standard tested for AC withstand and partial discharge before leaving the factory. Other tests can be done on request.

10. Packing or other request



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