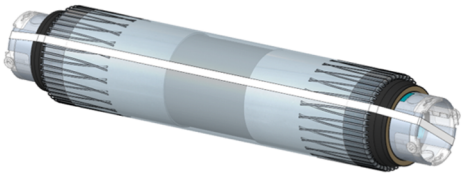
COLD SHRINK EASY JOINT - 24 kV (Um)



Cold shrink joints from 35 to 630 s.q. mm

STANDARDS

Test HD 629.1 S3

APPLICATION

The cold shrink EASY single core straight JOINT family is designed for the connection of cables with nominal voltage 24 kV (Um), with a copper wire screen or extruded conductive screen, upon version.

With regards to the mechanical conductor connector, jointing of cables with different conductor sizes or conductor materials becomes fast and easy. The connection of the conductor is provided by a GPH® mechanical multi-section contact included in the kit providing the capability to cover 35mm² to 630 mm² with range depending on the kit.

The junction is compatible with Copper Wire or Copper Tape type screens with a short-circuit level of 5.1kA 1s.

Refer to the following data sheet for the compatibility in term of voltage and contact section coverage of specific references.

BENEFITS

1. Multi section coverage
2. Compatible with aluminum and copper conductors
3. Extruded EPDM body with fully integrated electrode and mastic
4. Suited for compact installation, not requiring any specific tools for installation nor grease

Its innovative construction allows for intuitive installation, while guaranteeing unparalleled robustness reducing installation error risk and saving time for installation.

SCREEN TYPES

Serveral screen types available :

- CW: copper wire
- CT: copper tape
- AT: aluminium tape

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

COLD SHRINK EASY JOINT - 24 kV (Um)

CHARACTERISTICS

Construction characteristics	
Conductor material	Copper or Aluminum
Insulating material	XLPE
Screen	Copper wire + copper tape
Dimensional characteristics	
Maximum screen section	35 mm²
Electrical characteristics	
Screen fault current carrying capacity for 1 second	5.1 kA

CSJ EASY 12 KV

Name	Cond. section, range [mm²]	Diameter over insulation, range [mm]	Length [mm]	Max. outer diam. [mm]
12CSJ-S2-IEM-M70.240-45	70 ... 240	16 ... 40	650	48.0
12CSJ-S2-IEM-M95.240-45	95 ... 240	16 ... 40	650	48.0
12CSJ-S2-IEM-M95.300-45	95 ... 300	16 ... 40	650	48.0
12CSJ-S3-IEM-M185.400-45	185 ... 400	28 ... 50	800	56.0
12CSJ-S3-IEM-M400.630-45	400 ... 630	28 ... 50	800	56.0

CSJ EASY 24 KV

Name	Cond. section, range [mm²]	Diameter over insulation, range [mm]	Length [mm]	Max. outer diam. [mm]
24CSJ-S2-IEM-M35.95-45	35 ... 95	16 ... 40	650	48.0
24CSJ-S2-IEM-M50.240-45	50 ... 240	16 ... 40	650	48.0
24CSJ-S2-IEM-M70.240-45	70 ... 240	16 ... 40	650	48.0
24CSJ-S2-IEM-M95.240-45	95 ... 240	16 ... 40	650	48.0
24CSJ-S2-IEM-M95.300-45	95 ... 300	16 ... 40	650	48.0
24CSJ-S3-IEM-M185.400-45	185 ... 400	28 ... 50	800	56.0
24CSJ-S3-IEM-M400.630-45	400 ... 630	28 ... 50	800	56.0

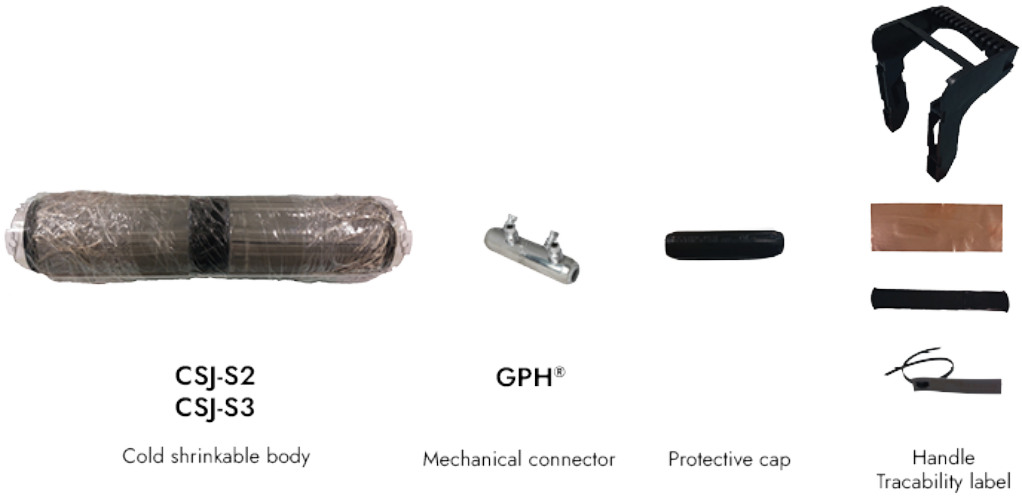
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CSJ EASY OPTIONS

The CSJ EASY is available with several options:

- CJ: conductive jacket
- WS: water sealing
- RS : roll spring
- Screen output
- Graphite

KIT CONTENTS



CSJ-S2
CSJ-S3

Cold shrinkable body

GPH®

Mechanical connector

Protective cap

Handle
Tracability label

INSTALLATION

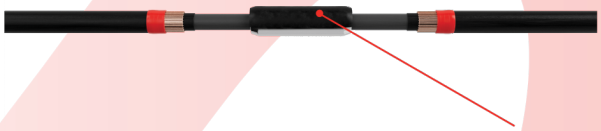
This technology does not require **any source of heat**, nor any filling or wrapping material, the installation is done by **extracting 2 support tubes. The implementation time is very fast.** Joints can be energized immediately after connection..



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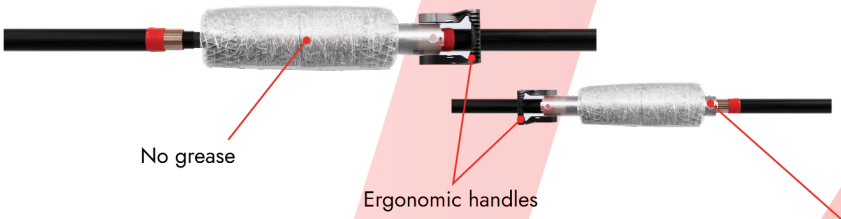
SIMPLIFIED INSTALLATION SEQUENCE

01 BOLT THE CONTACT and install the protection cap.



02 CLICK UP THE HANDLE IN INSTALLATION POSITION

Lock the joint on one side, to pull the first tube, then the second.



03 FREE FROM THE TUBES

Tape the screen and wrap mastic. Then, unfold the outer protection once the joint is releaed.



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SELLING AND DELIVERY INFORMATION

The range presented in this page is a broad picture of all the products. For more detailed information about product characteristics, please reach for your local customer service.

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