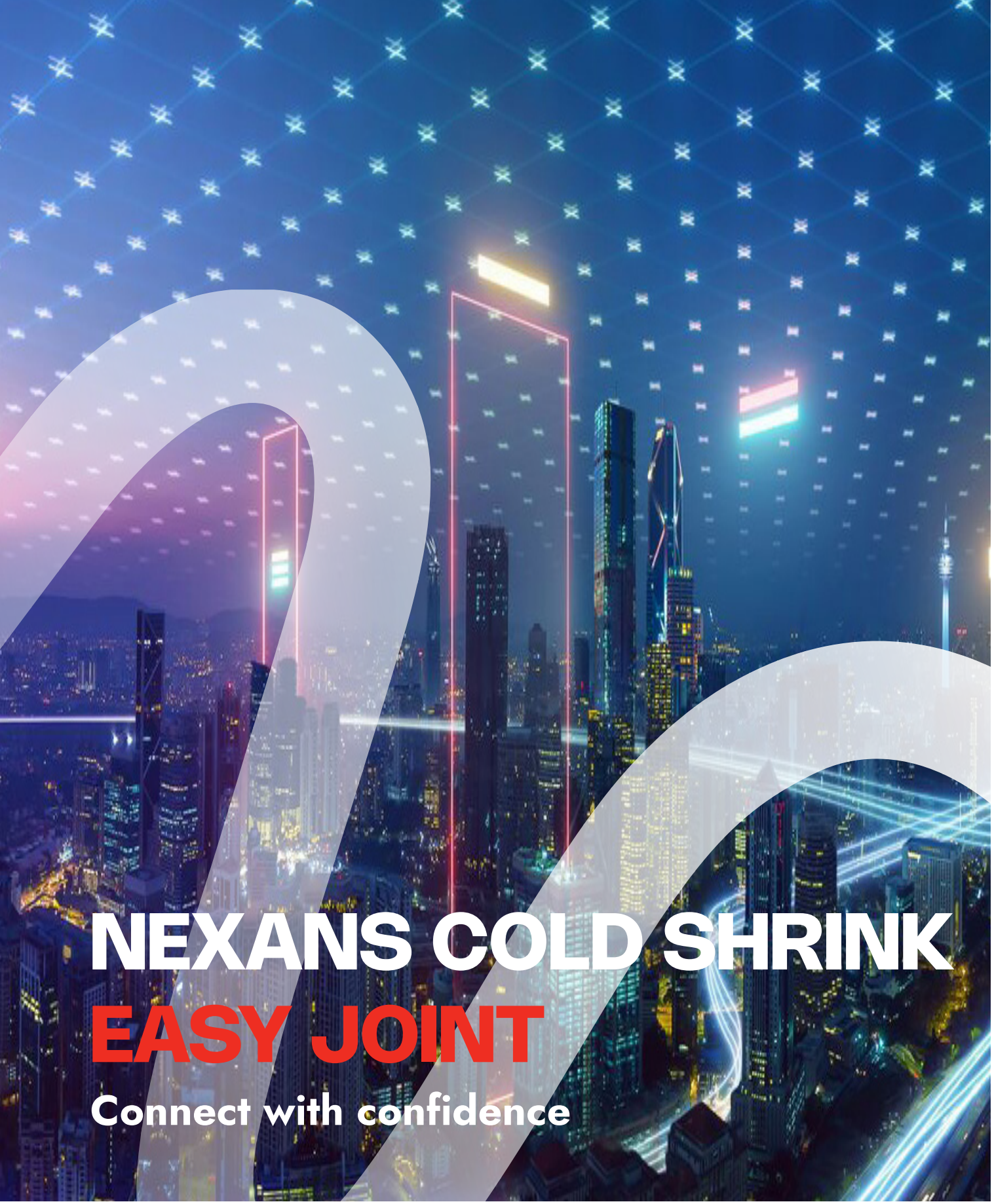


NEXANS COLD SHRINK EASY JOINT

Connect with confidence

Uniformed range • Seamless installation • Eco-design

Nexans

The electrical challenges
of today's grid

The future will be electric. The present already is. As electrification gathers paces, network operators are undertaking large-scale projects to extend and modernize the grids. These projects require **reliable and easy to install** power accessories.

Today, 85% of the equipment failures on underground medium voltage grids observed on cables systems and 45% of the underground network incidents are due to cable joints.

As one of the leading manufacturer and distributor in this field since more than 60 years, **Nexans** is supplying a full range of power accessories to our global customers in about 100 countries.

To ease and fasten cable jointing, Nexans has developed an all-in-one cold shrink joint.

The **new NEXANS CSJ (Cold Shrink Joint) EASY** accelerates & secures network development. Its fast and simple installation increases your competitiveness and the **reliability** of your installation.

We connect all types of cables, for high- and medium-voltage installations, and all types of conductors with any cross-section. We provide underground cable junctions, and connect cables to various types of equipment, including transformers and switchgear. Our products are used on both onshore and offshore networks, on wind and solar farms, or in data centers for example.

Nexans is committed to delivering innovative solutions and top-notch products in the field of electrical connections and accessories.

Together, we have the power to electrify the future!



Secure your electrical network
with NEXANS CSJ EASY

The **NEXANS CSJ EASY single core straight Joint family is designed for the connection** of 1-core-polymeric cables with a copper wire screen or extruded conductive screen, upon version.

Eco-design

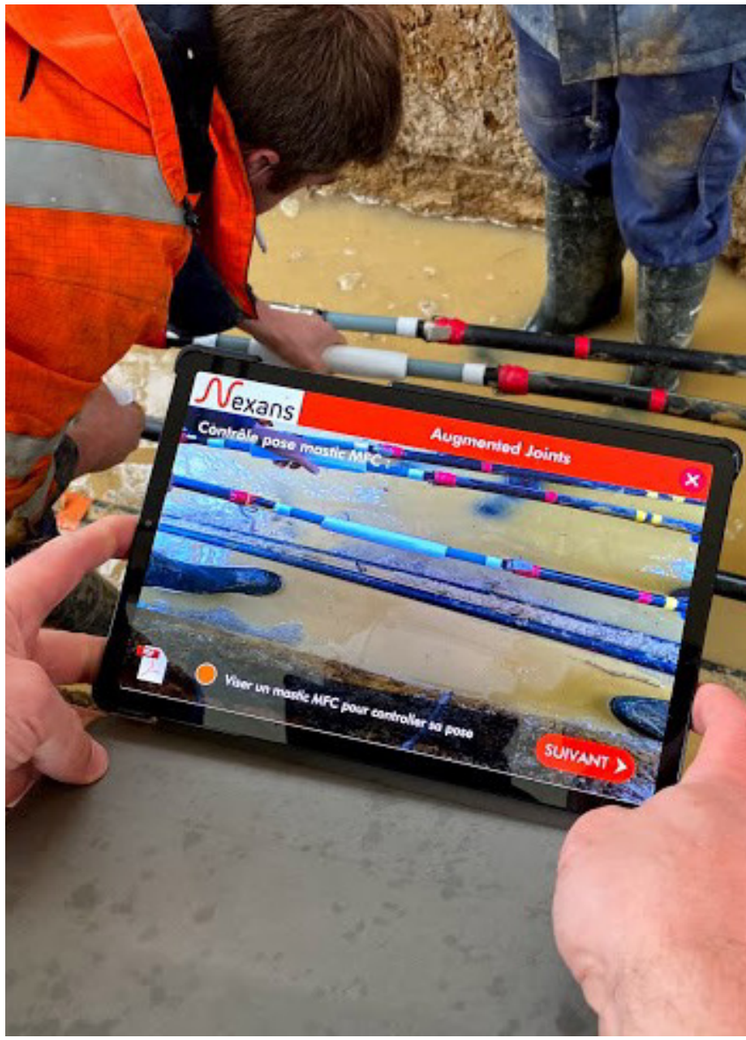
- Integration of >30% recycled aluminium in mechanical contact
- Eco design packaging with reduced subpackaging and 80% recycled content and recyclability

Easy to install

- All functions integrated in one prefabricated cold shrink device
- Simplified the installation steps
- No grease needed
- Standardized design for a broad range coverage

Enhanced reliability

- Enhanced ergonomics for installation with some built-in positionning system
- Robust construction with extruded EPDM body & proven field control mastic



3

Installation steps to reducing error risk

100 %

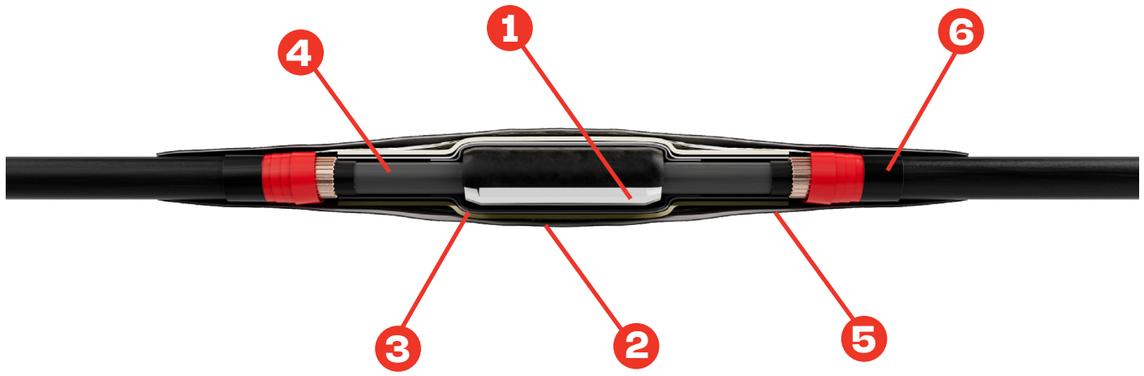
Manufactured in Europe

30 %

Minimum recycled aluminium content

All-in-one joint

NEXANS CSJ EASY construction integrating all core electrical function in one



1 GPH® connector:

GPH® mechanical connection technology provides the **highest contact quality** for a maximum lifetime of the application. The design is tested. The GPH® connectors are **simple to install** to provide **the best performance**: with only one tool, our shear bolt connectors can be installed with an approved impact wrench or alternatively by hand.

2 Cold shrink all-in-one body including:

3 Field control:

Nexans has been designing and producing EPDM joint bodies for more than 35 years who ensures more than 40 years of usage, even in harsh environments.
100% Nexans made field control mastics enable an easy installation. **No grease** is needed. The NEXANS CJS EASY has a **high tolerance** while installing in terms of positioning.

4 Copper stocking:

Ensure the **most effective contact** for the continuity of the cable screen thanks to the **permanent pressure** of the outer sheath adapting perfectly to the expansions of the cable.

5 Outer sheet:

A double layer EPDM body. It prevents a joint from humidity, mechanical aggressions and UV. Nexans EPDM provides a **high level of mechanical and chemical resistance**, complemented by **strong electrical performance** and constant pressure on the cable during the entire life of the product. Nexans joint bodies have always been recognized as superior, **long-life** products.

6 Watertightness:

Watertight mastics conceived and manufactured by Nexans.

NEXANS CSJ EASY concentrates decades of trusted expertise in cold shrink manufacturing

NEXANS CSJ EASY is an all-in-one joint. In addition to the joint body a limited number of components is added to the kit with reduced sub packaging limiting waste to manage.



Kit content

The NEXANS CSJ EASY is provided with all the following elements.



Cold shrinkable all-in-one body



GPH® bolted connector



Protection cap



Handle



Screen connection accessoires upon version



Water tight mastic



Traceability tag

Installation accessories changing upon options

Connect with confidence with NEXANS CSJ EASY

Compact



to ease installation

No grease



to simplify the installation and reduce the risk of mess

Ergonomic handle



for comfortable and efficient handling

Self-positioning



Adjusts itself accurately without measuring for seamless installation

Intuitive conditioning



for simple and quick use

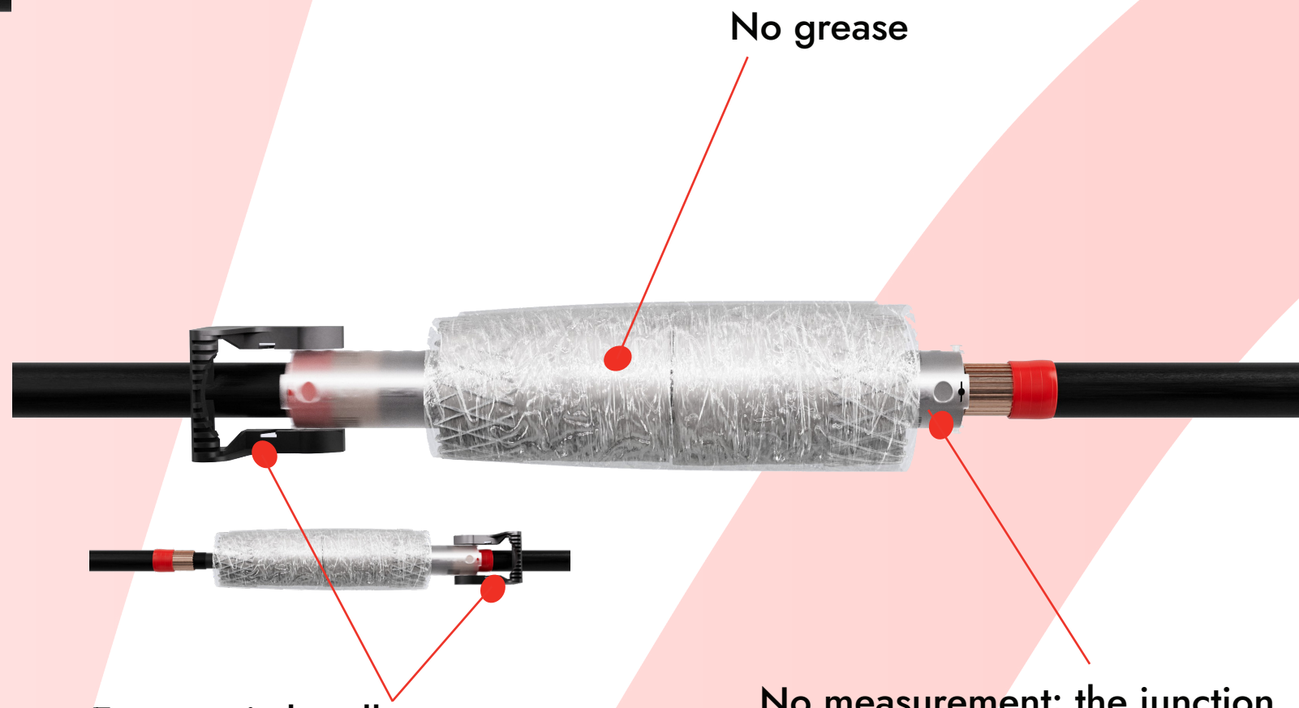
NEXANS CSJ EASY: installation made simple
— where we make the difference

01 BOLT THE CONTACT
and Install the protection cap.

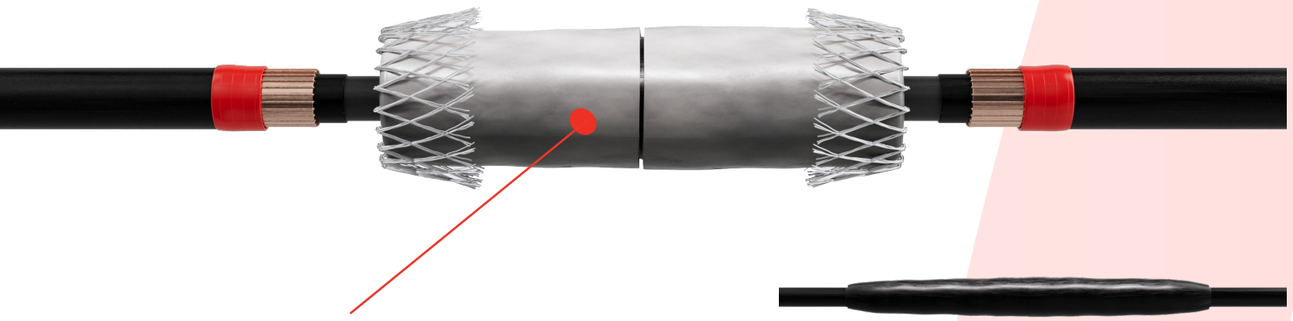


Simple cap to protect the contact

02 CLICK UP THE HANDLE IN INSTALLATION POSITION
Lock the joint on one side, to pull the first tube, then de second.



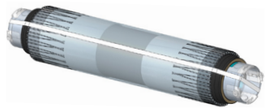
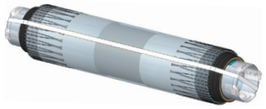
03 FREE FROM THE TUBES
Tape the screen & wrap mastic then unfold the outer protection once the joint is released.



2-parts tube to simplify pulling

NEXANS CSJ EASY portfolio

The product has been design to have a consistant range with a limited number of body version covering a wide range of application. With a limited number of kit together with wide range taking GPH contact you can get make sure you have the right kit at hand to connect your cables.
The common design helps making training simpler with NEXANS CSJ EASY installation learnings applicable to a wide range of applications.

Umax (kV)	24		**Conductor section (mm²)**	**Screen type**	**Options**
Suitable for conductor type	Al / Cu				
Suitable for isolation type	Synthetic - polymer				
Max metal screen section (mm²)	35				
EASY JOINT body	DOI	DOE			
 24 CSJ-S2	16 - 40	48	35 - 95	 CW / CT Copper Wire Copper Tape	CJ Conductive Jacket
			50 - 240		
			70 - 240		
			95 - 240		
			95 - 300		WS Water Sealing
 24 CSJ-S3	28 - 50	56	185 - 400	 AT Aluminium Tape	RS Roll Spring
			400 - 630		Screen output Graphite

Our services

Accessory assembly verification solution

INFRACHECK

Nexans has developed INFRACHECK, an innovative application that uses augmented reality to instantly assess the conformity of the assembly in progress with the assembly instructions. This connected solution complements the initial training given to installers and increases the reliability of the installation.





Certification training
for accessory installation

Nexans offers theoretical and practical training sessions. for the installation of accessories on Low Voltage and Medium Voltage cables in its training centres in France, on the customer's site, or even on a on site if necessary. These training courses concern either overvoltage or undervoltage work. Certification is the final step offered at the end of any training course.

Together, let's build a safe and sustainable electricity grid.

ABOUT NEXANS

For over a century, Nexans has played a crucial role in the electrification of the planet and is committed to electrifying the future. With approximately 28,500 people in 41 countries, the Group is paving the way to a new world of safe, sustainable and decarbonized electricity that is accessible to everyone.

In 2023, Nexans generated 6.5 billion euros in standard sales. The Group is a leader in the design and manufacturing of cable systems and services across four main business areas: Power Generation & Transmission, Distribution, Usage and Industry & Solutions. Nexans was the first company in its industry to create a Foundation supporting sustainable initiatives, bringing access to energy to disadvantaged communities worldwide. The Group is recognized on the CDP Climate Change A List as a global leader on climate action and has committed to Net-Zero emissions by 2050 aligned with the Science Based Targets initiative (SBTi).
Nexans. Electrify the future.

Nexans is listed on Euronext Paris, compartment A.
For more information, please visit www.nexans.com

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