

CSJA-S HD 629

Single phase compact cold shrink joints - size A: from 35 to 300 mm² - Up to 24kV - with GPH® bolted connectors.

DESCRIPTION

Features & benefits

The **CSJA-S** combines Cold-Shrink and bolted connector technologies for reliable underground MV connections in a small trench (max=1 m), or in specific aerial applications.

Cold-Shrink Joint :

- compatible with Synthetic Insulated Cables (XLPE / EPR).
- compatible with: copper wire, copper tape & alu tube cable screens.
- EPDM joint body
- UV resistive external EPDM outer protection
- standard screen short-circuit: 5,1 kA/1s (up to 16 kA/1s on demand)
- equipped with a vapor screen for enhanced watertightness.

Bolted Connectors :

- **multisection**, from 35 mm² to 300 mm².
- compatible with **copper & aluminium** conductors.
- equipped with self-breaking screws, for a perfect torque.
- **no specific tool needed !**

Application

The **CSJA-S** has been designed to connect **24 kV** (max) cables, with sections from 35mm² to 300 mm², whether **aluminium or copper cores**, on underground MV lines.

Each core is connected thanks to a GPH® bolted connector.

Details

Each **CSJA-S** kit is made of:

- **1 EPDM cold shrink body.**
- **1 bolted connector.**
- **specific material according to the type of cable.**

Installation

This technology requires **no heating source**, no material filling or wrapping. Installation is done by **removal of the tubes**. Joints can be energized once assembly is finished.



STANDARDS

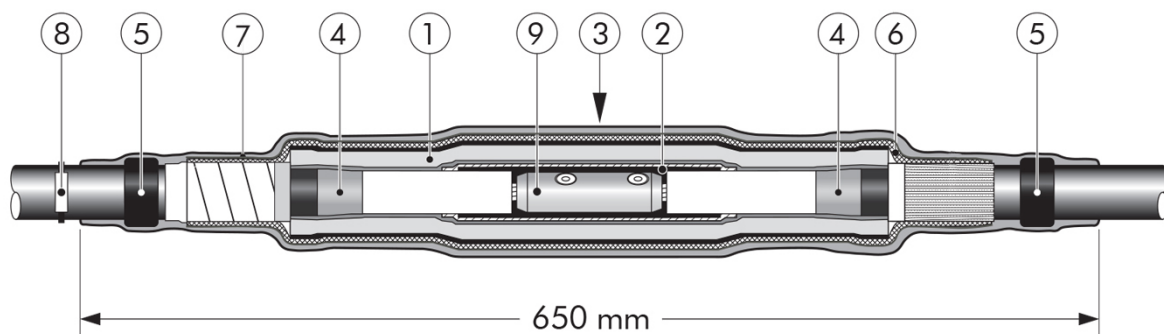
International HD 629.1 S2

PRODUCT LIST

Nexans ref.	Name	Cond. section, range [mm²]	Diameter over insulation, range [mm]
☎ 68001EF	1x24CSJA-S-18.38/52-M16.95-CW45 +MT45-5,1kA/RS-VS	35 .. 95	18.0 .. 38.0
☎ 68002EF	1x24CSJA-S-18.38/52-M50.150-CW45 +MT45-5,1kA/RS-VS	50 .. 150	18.0 .. 38.0
☎ 68003EF	1x24CSJA-S-18.38/52-M50.240-CW45 +MT45-5,1kA/RS-VS	50 .. 240	18.0 .. 38.0
☎ 68004EF	1x24CSJA-S-18.38/52-M95.240-CW45 +MT45-5,1kA/RS-VS	95 .. 240	18.0 .. 38.0
☎ 68005EF	1x24CSJA-S-18.38/52-M120.300-CW45 +MT45-5,1kA/RS-VS	120 .. 300	18.0 .. 38.0
☎ 68006EF	1x24CSJA-S-23.38/52-M16.95-CW45 +MT45-5,1kA-VS	35 .. 95	23.0 .. 38.0
☎ 68007EF	1x24CSJA-S-23.38/52-M50.150-CW45 +MT45-5,1kA-VS	50 .. 150	23.0 .. 38.0
☎ 68008EF	1x24CSJA-S-23.38/52-M95.240-CW45 +MT45-5,1kA-VS	95 .. 240	23.0 .. 38.0
☎ 68009EF	1x24CSJA-S-23.38/52-M120.300-CW45 +MT45-5,1kA-VS	120 .. 300	23.0 .. 38.0

☎ = Make to order, 📦 = In stock

CSJA-S DETAILS

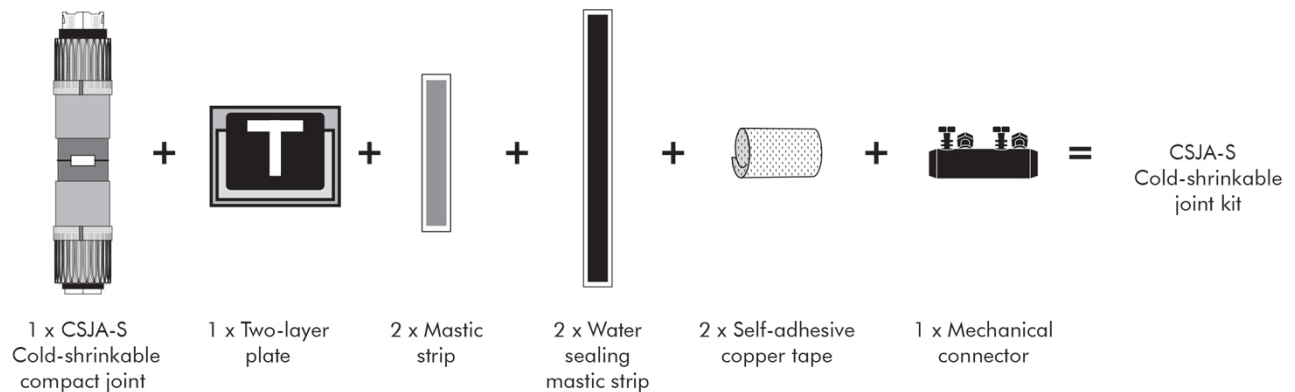


- ① Extruded triple layer EPDM rubber body.
- ② Two layers plate with a semi-conductive and field control mastic layer.
- ③ Overall protective EPDM cover.
- ④ Field control mastic.

- ⑤ Water sealing mastic.
- ⑥ Copper stocking.
- ⑦ Vapor screen.
- ⑧ Traceability tag.
- ⑨ Mechanical conductor connector.

CSJA-S KIT CONTENT

A typical complete cold shrinkable joint kit CSAJ-S contains the following components :



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

Ordering instruction

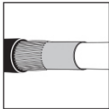
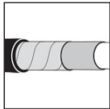
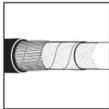
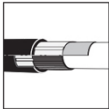

	Table X	Table Y	Table Z
Ordering part Number	diam. over cable insulation (range - mm)	diam. over outer sheath (mm)	Conductor size (mm ²)
24CSJA-S-X/Y-Z	18 - 38	52 max	35 50 70 95 120 150 185 240 300
	18 - 38		M16.95
	18 - 38		M50.150
	23 - 38		M50.240
	23 - 38		M95.240
			M120.300

ex: The cable is 24kV, 120 mm² stranded aluminium with a diameter over core insulation of 25.3 mm.

Order a **24CSJA-S-23.38/52-M95.240-CW45+MT45-5,1kA**

- CW45+MT45: Copper Wire & Metallic tape screens kit
- 5,1kA: internal screen connection short-circuit level (5.1 kA for 1 second)

Other options

				
For use with copper wire screened cables. No earthing device is necessary.	For use with copper tape screened cables.	For use with fabric tape (graphite) screened cables. Order additional semi-conductive tape -SCJ	For use with French NF C 33-226 cables. Order: -AT45	In case of outer sheath with conductive layer Order additional semi-conductive tape -SCJ

Mechanical impact resistance & Termite resistance also available on demand.