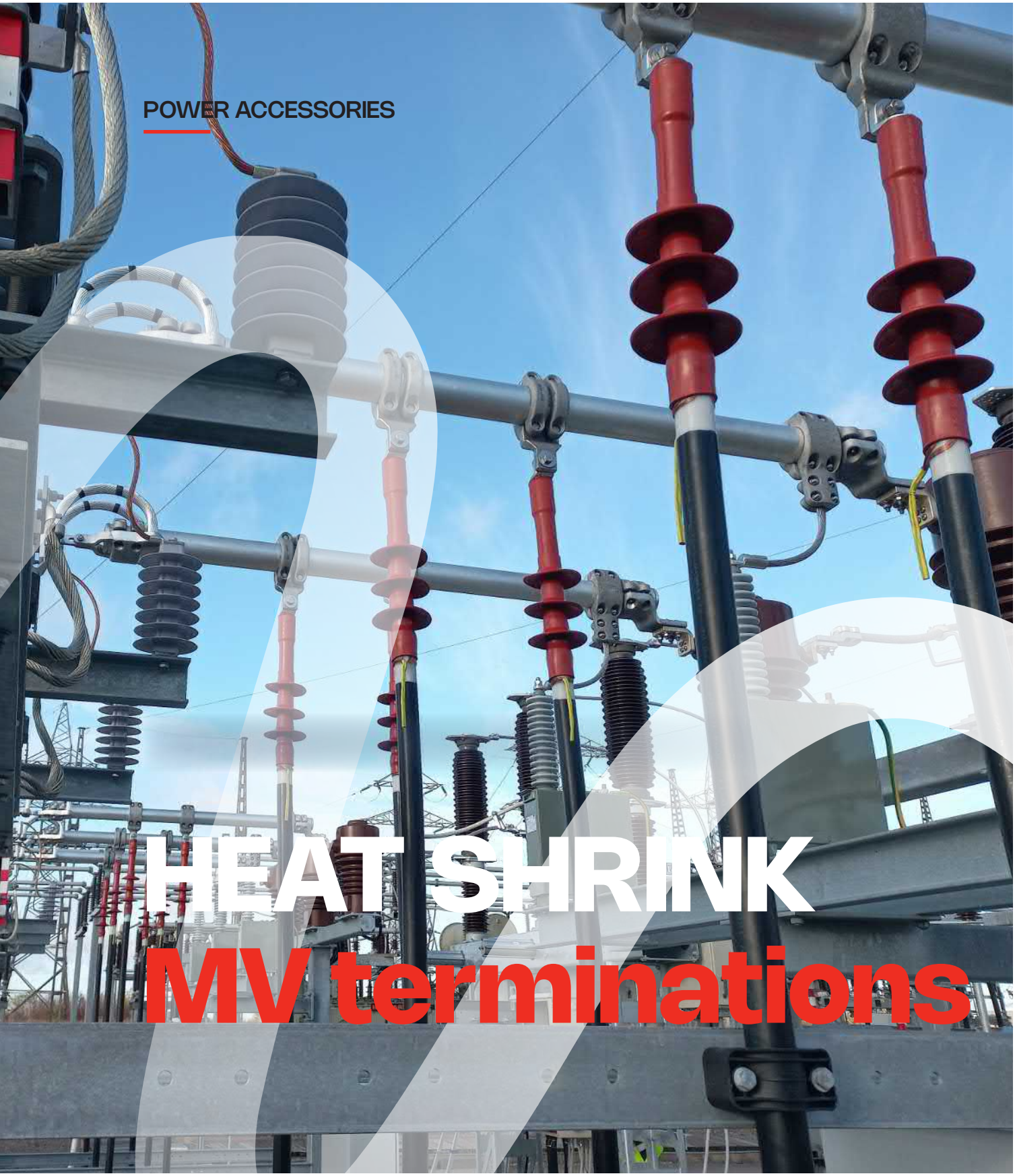
POWER ACCESSORIES



HEAT SHRINK
MV terminations

Catalogue 2025

Nexans
ELECTRIFY THE FUTURE

Version 2025.1

NEXANS
POWER ACCESSORIES

An essential cog in energy systems

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 a wide range of power accessories. Nexans is a leading manufacturer and

distributor in this field since more than 60 years, supplying a full range of power accessories to our global customers in about 100 countries.

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.

Our range of products includes EUROMOLD connectors, our cutting-edge EPDM technology, known for its exceptional performance and reliability. We also provide cold and heat shrinkable joints and terminations, developed to be always easier to install and reliable. We pre-assemble ready to install jumpers. And our extensive range of GPH ferrules and lugs, designed to meet the highest standards of quality and durability, are embodied in all our accessories kits or delivered separately.

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!

Laboratory accreditation

Since June 2000, Nexans independent ELAB laboratory obtained the BELAC accreditation no.144-TEST conform with the European standards for laboratories ISO 17025 for electrical testing of low and medium voltage cable accessories according to the international standards EN 50393, IEC 60502-4, IEC 61442 and HD 629.

Certificate

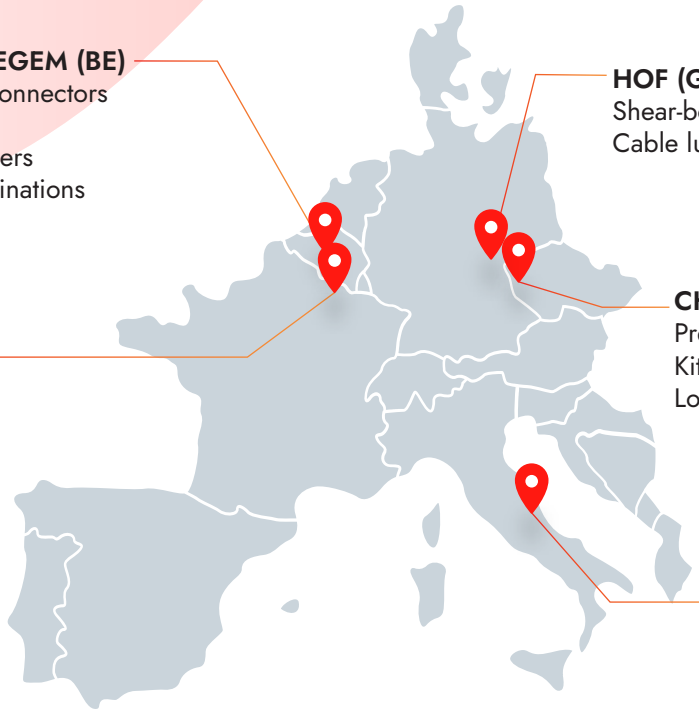
Since 1992, Nexans commitment to quality is demonstrated by its ISO 9001 certification.

ISO 9001

At Nexans, we are proud of our manufacturing and kitting sites

EREMBODEGEM (BE)
Separable connectors
Bushings
Surge arresters
Slip-on terminations

HOF (GE)
Shear-bolt connectors
Cable lugs



CHEB (CZ)
Pre-assembled jumpers
Kitting
Logistic center

DONCHERY (FR)
Cold shrink joints
Cold shrink terminations

OFFIDA (IT)
Heat shrink joints
Heat shrink terminations
Mastics

Version 2025.1

Heat shrink technology
Nexans expertise

In order to guarantee the highest level of quality to our end customers, the Offida plant is specialized in the production of all the core-components of its products such as: heat-shrink tubes, mastics for electrical applications.

QUALITY

High quality material

The tube utilizes a combination of already proven compounds made with different grades of polymers and additives, designed for heat shrinkable terminations usage. Co-extrusion manufacturing method brings benefits of reduced installation time and errors at the end user side.

SEALING

Anti-tracking mastic

Sealing is provided by anti-tracking mastics applied over the lug barrel and onto the outer sheath of the cable.

INSULATION

All-conditions resistant outer layer

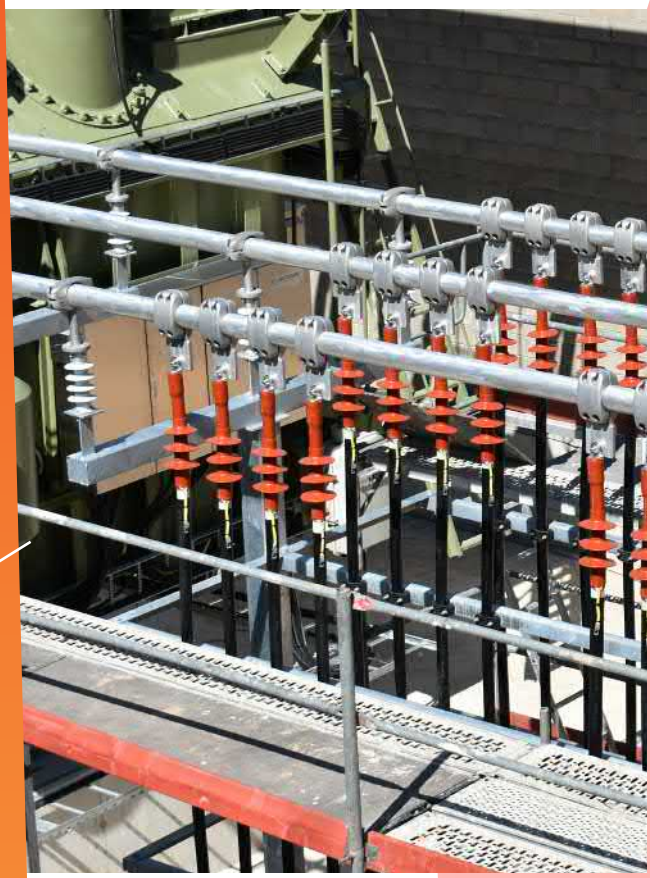
The outer layer is an anti-tracking material designed for heat shrinkable terminations usage in harshest environments.

Medium voltage
heat shrink terminations



- Produced in **Italy**
- 100% routine tested
- Only high-quality material is used
- **Mastics and heat shrink tubes are 100% Nexans made**
- All terminations are tested conform to the CENELEC **HD629.1** standard. Test reports available upon demand

- A complete range **(12 kV - 52 kV)**
- For cross sections from **25 mm² to 1200 mm²**
- Temperature range from **-60°C to +130°C**
- A range of terminations for indoor or outdoor use, for standard or heavy duty



Version 2025.1

HEAT SHRINK TERMINATIONS
INDOOR & OUTDOOR

TABLE OF CONTENT

MONOi I - 1 core Indoor copper wire screen

MONOe I - 1 core Outdoor copper wire screen

MONOi AI - 1 core Indoor copper tape screen

MONOe AI - 1 core Outdoor copper tape screen

MONOi FCI - 1 core Indoor aluminum foil screen

MONOe FCI - 1 core Outdoor aluminum foil screen

MONOi3 W - 3 core Indoor armored cable CWS / CTS

MONOe3 W - 3 core Outdoor armored cable CWS / CTS

MONOi3 CW - 3 core Indoor not armored CWS cable

MONOe3 CW - 3 core Outdoor not armored CWS cable

銅帶遮蔽，熱縮屋內型

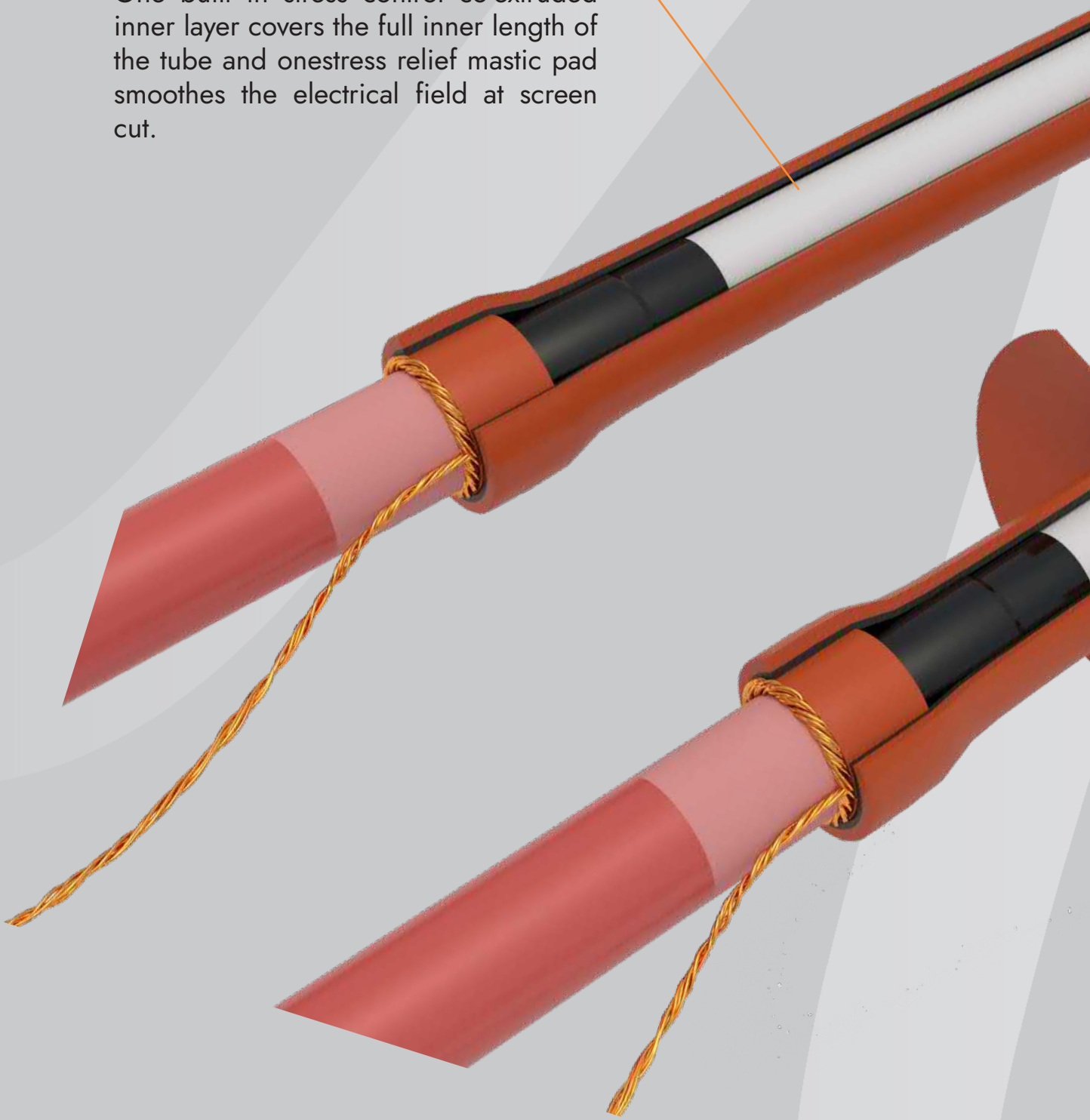
While every care is taken to ensure that the information contained in this publication is correct, no legal responsibility can be accepted for any inaccuracy. Nexans Italia reserves the right to alter or modify the characteristics of its products described in this catalogue as standards and technology evolve.

Made in Italy since 50 years

Heat shrink technology was developed in the 1960s. In Nexans Italy, thanks to R&D activity in our site in Offida, HS technology has been improved and tailored according to the market needs. Today we produce a complete range of tubes to cover medium voltage applications up to 52 kV with diameters from 20mm till 300mm and up to 4 different layers.

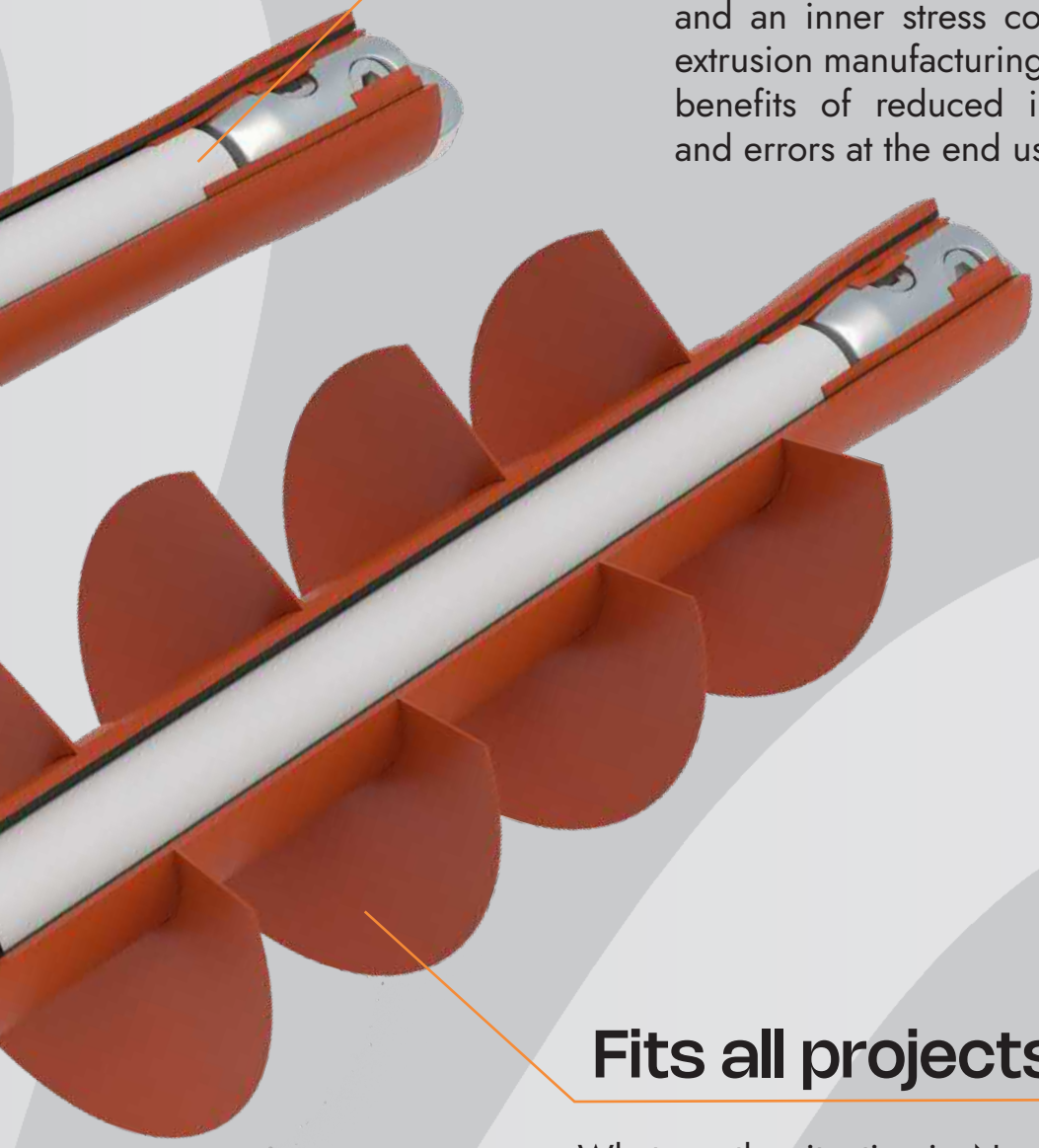
+ Reliable stress control

One built in stress control co-extruded inner layer covers the full inner length of the tube and onestress relief mastic pad smoothes the electrical field at screen cut.



Single tube design

The MONO terminations are simply designed but have superior performances. They are made with only one tube. This tube is a co-extruded tube, with an outer anti tracking layer and an inner stress control layer. Co-extrusion manufacturing method brings benefits of reduced installation time and errors at the end user side.

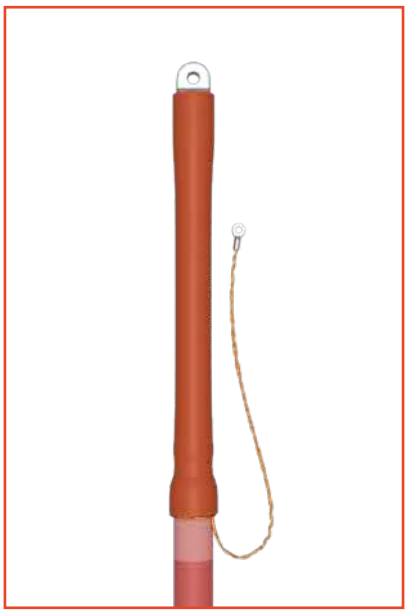


Fits all projects

Whatever the situation is, Nexans terminations will fit with your project. Made for both indoor and outdoor application, they cover a wide range of cross sections. Available for heavy or standard duty, for single or three core. The outer layer of all heat shrinkable Nexans terminations is made out of an antitracking material designed for usage in harshest environments.

MONOi I

HEAT SHRINK MV INDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Cu WIRE SCREEN
Up to 20,8/36 (42) kV



APPLICATION

The ''MONOi'' terminations are a single component solution, for single core polymeric cables.

SPECIFICATIONS AND STANDARDS

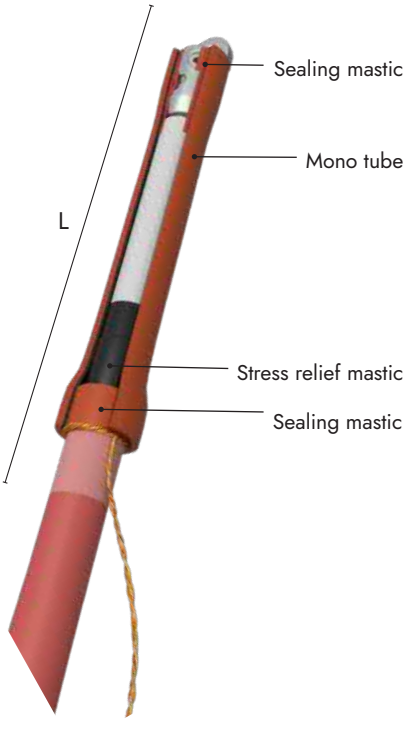
The MONOi terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

TECHNICAL FEATURES

The ''MONOi'' indoor terminations are designed for max system voltages of 42 kV for compact switchgears as well as for installations where space is limited.
Easy, quick to install, reducing installation time and errors.
The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic.
The design accommodates various conductor lugs.
MC types are supplied with "GPH" mechanical conductor lugs.



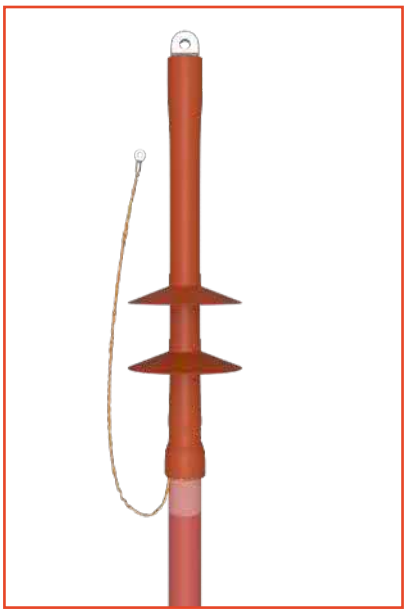
Um (Kv)	Type	Section (mm^2)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
12 kV	3x12MONOi1.95i	25-95	12-20	20-34	300
	3x12MONOi1.240i	70-240	16-30	24-40	300
	3x12MONOi1.300i	95-300	18-32	26-44	300
	3x12MONOi1.400i	185-400	22-36	28-48	350
	3x12MONOi1.630i	400-630	26-42	36-54	350
	3x12MONOi1.1000i	630-1000	34-52	42-58	400
	3x12MONOi1.1200i	1000-1200	44-58	48-64	400
24 kV	3x24MONOi1.95i	25-95	14-26	24-42	350
	3x24MONOi1.240i	70-240	18-34	30-44	350
	3x24MONOi1.300i	95-300	20-38	32-50	350
	3x24MONOi1.400i	185-400	25-40	36-52	400
	3x24MONOi1.630i	400-630	30-46	38-60	400
	3x24MONOi1.1000i	630-1000	36-56	44-64	400
	3x24MONOi1.1200i	1000-1200	46-60	52-66	450
36 kV	3x36MONOi1.95i	25-95	20-32	30-44	450
	3x36MONOi1.240i	70-240	22-38	36-52	450
	3x36MONOi1.300i	95-300	24-42	38-54	450
	3x36MONOi1.400i	185-400	28-46	42-60	450
	3x36MONOi1.630i	400-630	32-52	44-66	500
	3x36MONOi1.1000i	630-1000	42-60	48-70	500
	3x36MONOi1.1200i	1000-1200	48-64	54-72	500
42 kV	3x42MONOi1.95i	25-95	20-34	34-50	500
	3x42MONOi1.240i	70-240	26-42	38-54	500
	3x42MONOi1.300i	95-300	28-46	40-60	500
	3x42MONOi1.400i	185-400	32-48	42-64	550
	3x42MONOi1.630i	400-630	34-56	46-68	550
	3x42MONOi1.1000i	630-1000	44-62	50-74	550
	3x42MONOi1.1200i	1000-1200	50-66	56-76	550



Version 2025.1

MONOe I

HEAT SHRINK MV OUTDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Cu WIRE SCREEN
Up to 20,8/36 (42) kV



APPLICATION

The "MONOe" terminations are a single component solution, for single core polymeric cables.

SPECIFICATIONS AND STANDARDS

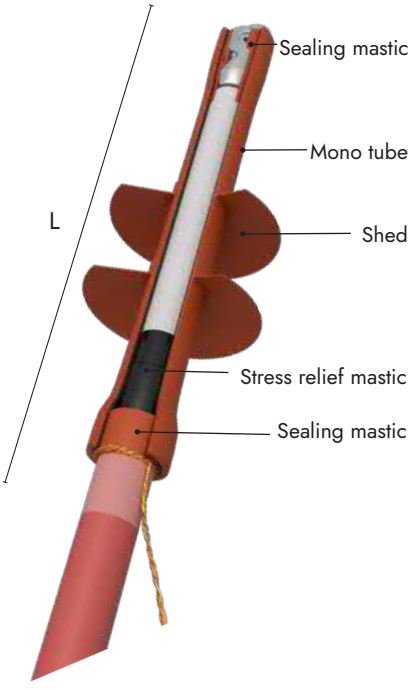
The MONOe terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

TECHNICAL FEATURES

The "MONOe" outdoor terminations are designed for max system voltages of 42 kV.
Easy, quick to install, reducing installation time and errors.
The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic.
Anti-tracking rain sheds are supplied to withstand outdoor enviroments.
The design accommodates various conductor lugs.
MC types are supplied with "GPH" mechanical conductor lugs.



Um (Kv)	Type	Section (mm^2)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
12 kV	3x12MONOe1.95i	25-95	12-20	20-34	500
	3x12MONOe1.240i	70-240	16-30	24-40	500
	3x12MONOe1.300i	95-300	18-32	26-44	500
	3x12MONOe1.400i	185-400	22-36	28-48	500
	3x12MONOe1.630i	400-630	26-42	36-54	500
	3x12MONOe1.1000i	630-1000	34-52	42-58	500
	3x12MONOe1.1200i	1000-1200	44-58	48-64	500
24 kV	3x24MONOe1.95i	25-95	14-26	24-42	500
	3x24MONOe1.240i	70-240	18-34	30-44	500
	3x24MONOe1.300i	95-300	20-38	32-50	500
	3x24MONOe1.400i	185-400	25-40	36-52	500
	3x24MONOe1.630i	400-630	30-46	38-60	600
	3x24MONOe1.1000i	630-1000	36-56	44-64	600
	3x24MONOe1.1200i	1000-1200	46-60	52-66	600
36 kV	3x36MONOe1.95i	25-95	20-32	30-44	550
	3x36MONOe1.240i	70-240	22-38	36-52	550
	3x36MONOe1.300i	95-300	24-42	38-54	550
	3x36MONOe1.400i	185-400	28-46	42-60	650
	3x36MONOe1.630i	400-630	32-52	44-66	650
	3x36MONOe1.1000i	630-1000	42-60	48-70	650
	3x36MONOe1.1200i	1000-1200	48-64	54-72	650
42 kV	3x42MONOe1.95i	25-95	20-34	34-50	650
	3x42MONOe1.240i	70-240	26-42	38-54	650
	3x42MONOe1.300i	95-300	28-46	40-60	650
	3x42MONOe1.400i	185-400	32-48	42-64	650
	3x42MONOe1.630i	400-630	34-56	46-68	750
	3x42MONOe1.1000i	630-1000	44-62	50-74	750
	3x42MONOe1.1200i	1000-1200	50-66	56-76	750



MONOi AI

HEAT SHRINK MV INDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Cu TAPE SCREEN
Up to 20,8/36 (42) kV



APPLICATION

The "MONOi A" terminations are a single component solution, for single core polymeric cables.

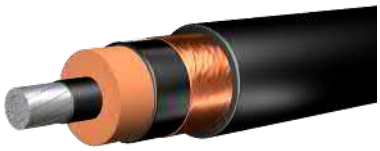
SPECIFICATIONS AND STANDARDS

The MONOi terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

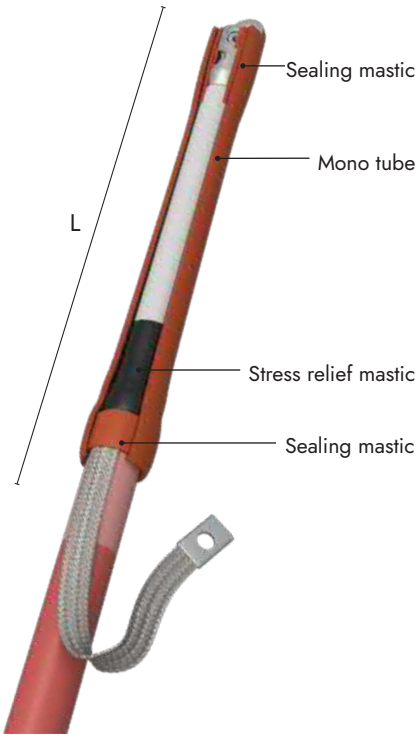
TECHNICAL FEATURES

The "MONOi A" indoor terminations are designed for max system voltages of 42 kV, for compact switchgears as well as for installations where space is limited. Easy, quick to install, reducing installation time and errors.

The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic. A solderless roll force spring and an earthing braid is included in the kit. The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs.



Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
12 kV	3x12MONOi1.95Ai	25-95	12-20	20-34	300
	3x12MONOi1.240Ai	70-240	16-30	24-40	300
	3x12MONOi1.300Ai	95-300	18-32	26-44	300
	3x12MONOi1.400Ai	185-400	22-36	28-48	350
	3x12MONOi1.630Ai	400-630	26-42	36-54	350
	3x12MONOi1.1000Ai	630-1000	34-52	42-58	400
	3x12MONOi1.1200Ai	1000-1200	44-58	48-64	400
24 kV	3x24MONOi1.95Ai	25-95	14-26	24-42	350
	3x24MONOi1.240Ai	70-240	18-34	30-44	350
	3x24MONOi1.300Ai	95-300	20-38	32-50	350
	3x24MONOi1.400Ai	185-400	25-40	36-52	400
	3x24MONOi1.630Ai	400-630	30-46	38-60	400
	3x24MONOi1.1000Ai	630-1000	36-56	44-64	400
	3x24MONOi1.1200Ai	1000-1200	46-60	52-66	450
36 kV	3x36MONOi1.95Ai	25-95	20-32	30-44	450
	3x36MONOi1.240Ai	70-240	22-38	36-52	450
	3x36MONOi1.300Ai	95-300	24-42	38-54	450
	3x36MONOi1.400Ai	185-400	28-46	42-60	450
	3x36MONOi1.630Ai	400-630	32-52	44-66	500
	3x36MONOi1.1000Ai	630-1000	42-60	48-70	500
	3x36MONOi1.1200Ai	1000-1200	48-64	54-72	500
42 kV	3x42MONOi1.95Ai	25-95	20-34	34-50	500
	3x42MONOi1.240Ai	70-240	26-42	38-54	500
	3x42MONOi1.300Ai	95-300	28-46	40-60	500
	3x42MONOi1.400Ai	185-400	32-48	42-64	550
	3x42MONOi1.630Ai	400-630	34-56	46-68	550
	3x42MONOi1.1000Ai	630-1000	44-62	50-74	550
	3x42MONOi1.1200Ai	1000-1200	50-66	56-76	550



Version 2025.1

MONOe AI

HEAT SHRINK MV OUTDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Cu TAPE SCREEN
Up to 20,8/36 (42) kV



APPLICATION

The ''MONOe A'' terminations are a single component solution, for single core polymeric cables.

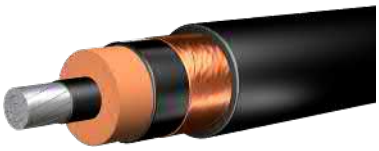
SPECIFICATIONS AND STANDARDS

The MONOe terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

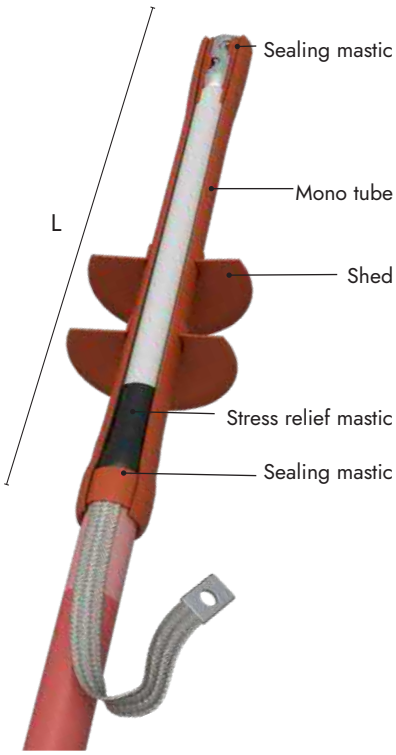
TECHNICAL FEATURES

The ''MONOe A'' indoor terminations are designed for max system voltages of 42 kV, for compact switchgears as well as for installations where space is limited. Easy, quick to install, reducing installation time and errors.

The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic. A solderless roll force spring and an earthing braid is included in the kit. The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs.



Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
12 kV	3x12MONOe1.95Ai	25-95	12-20	20-34	500
	3x12MONOe1.240Ai	70-240	16-30	24-40	500
	3x12MONOe1.300Ai	95-300	18-32	26-44	500
	3x12MONOe1.400Ai	185-400	22-36	28-48	500
	3x12MONOe1.630Ai	400-630	26-42	36-54	500
	3x12MONOe1.1000Ai	630-1000	34-52	42-58	500
	3x12MONOe1.1200Ai	1000-1200	44-58	48-64	500
24 kV	3x24MONOe1.95Ai	25-95	14-26	24-42	500
	3x24MONOe1.240Ai	70-240	18-34	30-44	500
	3x24MONOe1.300Ai	95-300	20-38	32-50	500
	3x24MONOe1.400Ai	185-400	25-40	36-52	500
	3x24MONOe1.630Ai	400-630	30-46	38-60	600
	3x24MONOe1.1000Ai	630-1000	36-56	44-64	600
	3x24MONOe1.1200Ai	1000-1200	46-60	52-66	600
36 kV	3x36MONOe1.95Ai	25-95	20-32	30-44	550
	3x36MONOe1.240Ai	70-240	22-38	36-52	550
	3x36MONOe1.300Ai	95-300	24-42	38-54	550
	3x36MONOe1.400Ai	185-400	28-46	42-60	650
	3x36MONOe1.630Ai	400-630	32-52	44-66	650
	3x36MONOe1.1000Ai	630-1000	42-60	48-70	650
	3x36MONOe1.1200Ai	1000-1200	48-64	54-72	650
42 kV	3x42MONOe1.95Ai	25-95	20-34	34-50	650
	3x42MONOe1.240Ai	70-240	26-42	38-54	650
	3x42MONOe1.300Ai	95-300	28-46	40-60	650
	3x42MONOe1.400Ai	185-400	32-48	42-64	650
	3x42MONOe1.630Ai	400-630	34-56	46-68	750
	3x42MONOe1.1000Ai	630-1000	44-62	50-74	750
	3x42MONOe1.1200Ai	1000-1200	50-66	56-76	750



MONOi FCi

HEAT SHRINK MV INDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Al TAPE SCREEN
Up to 20,8/36 (42) kV



APPLICATION

The ''MONOi FCi'' terminations are a single component solution, for single core polymeric cables.

SPECIFICATIONS AND STANDARDS

The MONOi terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

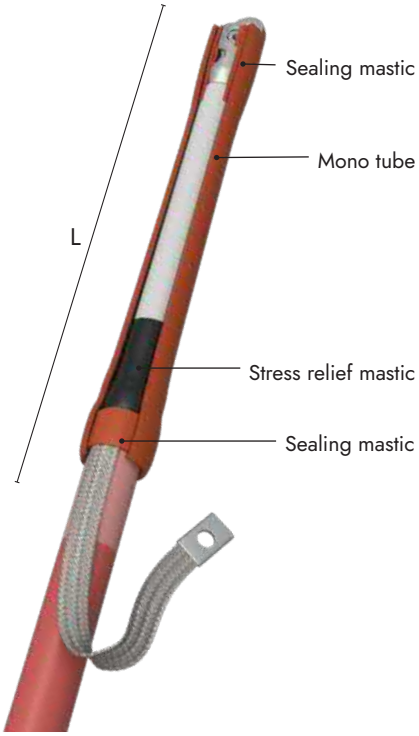
TECHNICAL FEATURES

The ''MONOi FCi'' indoor terminations are designed for max system voltages of 42 kV, for compact switchgears as well as for installations where space is limited.
Easy, quick to install, reducing nstallation time and errors.

The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic. A cheese-rasp + earthing braid is included in the kit. The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs.
WSK 2.0 type with "T" braid and roll force spring instead of cheese rasp available upon request.

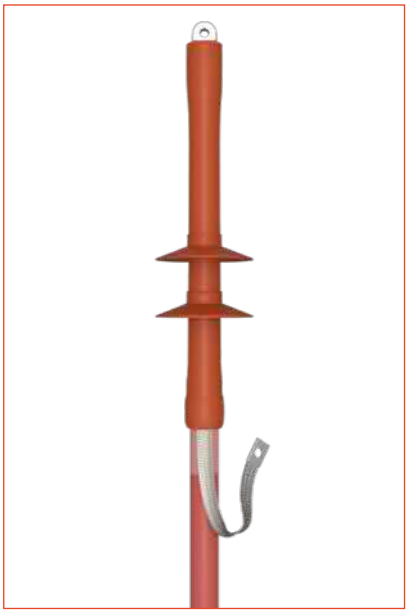


Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
24 kV	3x24MONOi1.95FCi	25-95	14-26	24-42	350
	3x24MONOi1.240FCi	70-240	18-34	30-44	350
	3x24MONOi1.300FCi	95-300	20-38	32-50	350
	3x24MONOi1.400FCi	185-400	25-40	36-52	400
	3x24MONOi1.630FCi	400-630	30-46	38-60	400
	3x24MONOi1.1000FCi	630-1000	36-56	44-64	400
	3x24MONOi1.1200FCi	1000-1200	46-60	52-66	450
36 kV	3x36MONOi1.95FCi	25-95	20-32	30-44	450
	3x36MONOi1.240FCi	70-240	22-38	36-52	450
	3x36MONOi1.300FCi	95-300	24-42	38-54	450
	3x36MONOi1.400FCi	185-400	28-46	42-60	450
	3x36MONOi1.630FCi	400-630	32-52	44-66	500
	3x36MONOi1.1000FCi	630-1000	42-60	48-70	500
	3x36MONOi1.1200FCi	1000-1200	48-64	54-72	500
42 kV	3x42MONOi1.95FCi	25-95	20-34	34-50	500
	3x42MONOi1.240FCi	70-240	26-42	38-54	500
	3x42MONOi1.300FCi	95-300	28-46	40-60	500
	3x42MONOi1.400FCi	185-400	32-48	42-64	550
	3x42MONOi1.630FCi	400-630	34-56	46-68	550
	3x42MONOi1.1000FCi	630-1000	44-62	50-74	550
	3x42MONOi1.1200FCi	1000-1200	50-66	56-76	550



MONOe FCi

HEAT SHRINK MV OUTDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Al TAPE SCREEN
Up to 20,8/36 (42) kV



APPLICATION

The ''MONOe FCi'' terminations are a single component solution, for single core polymeric cables.

SPECIFICATIONS AND STANDARDS

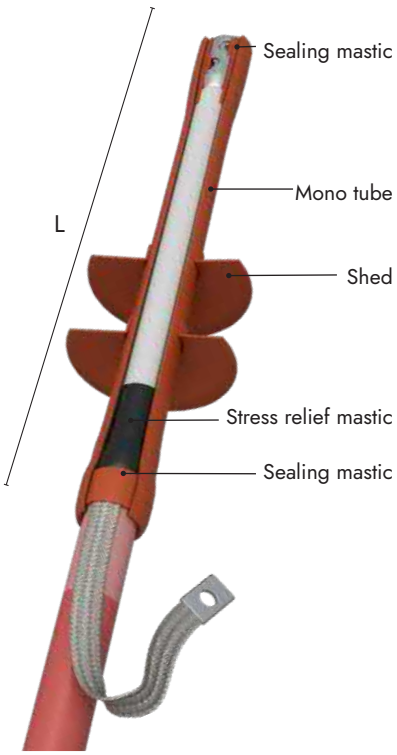
The MONOe terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

TECHNICAL FEATURES

The ''MONOe FCi'' outdoor terminations are designed for max system voltages of 42 kV.
Easy, quick to install, reducing installation time and errors.
The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic. Anti-tracking rain sheds are supplied to withstand outdoor environments. A cheese-rasp + earthing braid is included in the kit. The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs.
WSK 2.0 type with "T" braid and roll force spring instead of cheese rasp available upon request.

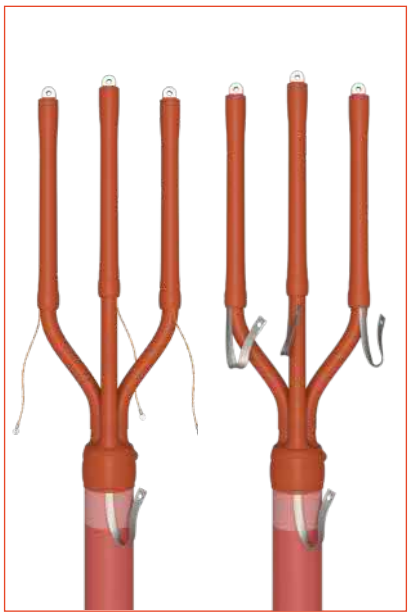


Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
24 kV	3x24MONOe1.95FCi	25-95	14-26	24-42	500
	3x24MONOe1.240FCi	70-240	18-34	30-44	500
	3x24MONOe1.300FCi	95-300	20-38	32-50	500
	3x24MONOe1.400FCi	185-400	25-40	36-52	500
	3x24MONOe1.630FCi	400-630	30-46	38-60	600
	3x24MONOe1.1000FCi	630-1000	36-56	44-64	600
	3x24MONOe1.1200FCi	1000-1200	46-60	52-66	600
36 kV	3x36MONOe1.95FCi	25-95	20-32	30-44	550
	3x36MONOe1.240FCi	70-240	22-38	36-52	550
	3x36MONOe1.300FCi	95-300	24-42	38-54	550
	3x36MONOe1.400FCi	185-400	28-46	42-60	550
	3x36MONOe1.630FCi	400-630	32-52	44-66	650
	3x36MONOe1.1000FCi	630-1000	42-60	48-70	650
	3x36MONOe1.1200FCi	1000-1200	48-64	54-72	650
42 kV	3x42MONOe1.95FCi	25-95	20-34	34-50	650
	3x42MONOe1.240FCi	70-240	26-42	38-54	650
	3x42MONOe1.300FCi	95-300	28-46	40-60	650
	3x42MONOe1.400FCi	185-400	32-48	42-64	650
	3x42MONOe1.630FCi	400-630	34-56	46-68	750
	3x42MONOe1.1000FCi	630-1000	44-62	50-74	750
	3x42MONOe1.1200FCi	1000-1200	50-66	56-76	750



MONOi3 W

HEAT SHRINK MV INDOOR TERMINATION FOR THREE CORE POLYMERIC CABLES WITH STA OR SWA ARMOR
Up to 20,8/36 (42) kV



APPLICATION

The "MONOi3 W" indoor terminations are designed for armored three core polymeric cables with Cu wire or tape screen.

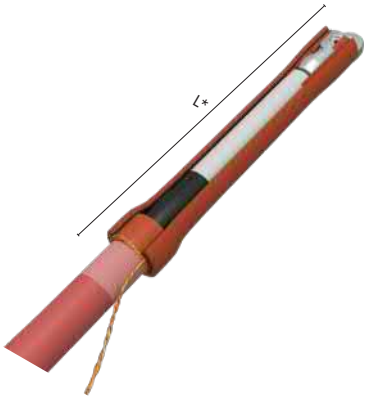
SPECIFICATIONS AND STANDARDS

The MONOi terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

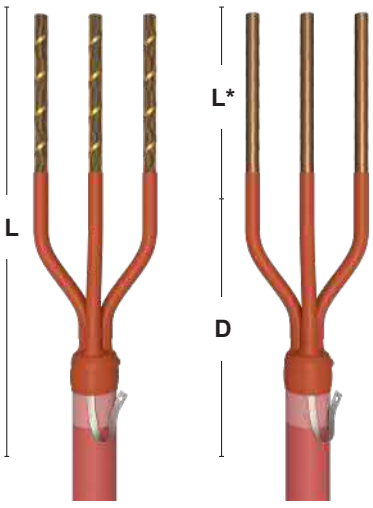
TECHNICAL FEATURES

The "MONOi3 W" indoor terminations are designed for max system voltages of 42 kV, for compact switchgears as well as for installations where space is limited.
Easy, quick to install, reducing installation time and errors.
The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic. Red anti-tracking break-out and red anti-tracking tubes "GT2" with adjustable length "D" are included in the kit. The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs Right angle or straight heat-shrinkable boots are available on request.



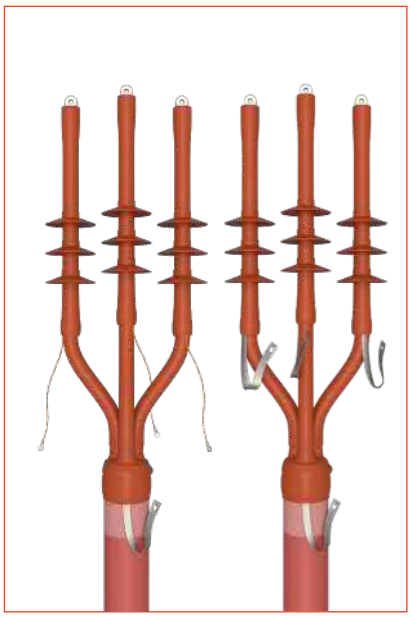


Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
12 kV	12MONOi3.95W	25-95	12-20	38-56	500
	12MONOi3.240W	70-240	16-30	46-72	500
	12MONOi3.300W	95-300	18-32	48-82	600
	12MONOi3.400W	185-400	22-36	58-84	600
24 kV	24MONOi3.95W	25-95	14-26	40-62	650
	24MONOi3.240W	70-240	18-34	48-76	650
	24MONOi3.300W	95-300	20-38	52-84	650
	24MONOi3.400W	185-400	25-40	62-90	650
36 kV	36MONOi3.95W	25-95	20-32	58-76	950
	36MONOi3.240W	70-240	22-38	64-90	950
	36MONOi3.300W	95-300	24-42	68-94	950
	36MONOi3.400W	185-400	28-46	78-102	950
42 kV	42MONOi3.95W	25-95	20-34	60-90	1000
	42MONOi3.240W	70-240	26-42	66-110	1000
	42MONOi3.300W	95-300	28-46	70-120	1000
	42MONOi3.400W	185-400	32-48	80-130	1000



MONOe3 W

HEAT SHRINK MV OUTDOOR TERMINATION FOR THREE CORE POLYMERIC CABLES WITH STA OR SWA ARMOR
Up to 20,8/36 (42) kV



APPLICATION

The "MONOe3 W" outdoor terminations are designed for armored three core polymeric cables with Cu wire or tape screen.

SPECIFICATIONS AND STANDARDS

The MONOe terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

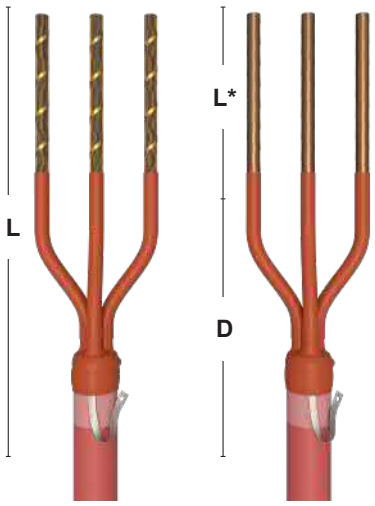
TECHNICAL FEATURES

The "MONOe3 W" outdoor terminations are designed for max system voltages of 42 kV.
Easy, quick to install, reducing installation time and errors.
The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic. Red anti-tracking break-out and red anti-tracking tubes "GT2" with adjustable length "D" are included in the kit.
Anti-tracking rain sheds are supplied to withstand outdoor enviroments.
The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs.





Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
12 kV	12MONOe3.95W	25-95	12-20	38-56	690
	12MONOe3.240W	70-240	16-30	46-72	690
	12MONOe3.300W	95-300	18-32	48-82	690
	12MONOe3.400W	185-400	22-36	58-84	690
24 kV	24MONOe3.95W	25-95	14-26	40-62	800
	24MONOe3.240W	70-240	18-34	48-76	800
	24MONOe3.300W	95-300	20-38	52-84	800
	24MONOe3.400W	185-400	25-40	62-90	800
36 kV	36MONOe3.95W	25-95	20-32	58-76	1000
	36MONOe3.240W	70-240	22-38	64-90	1000
	36MONOe3.300W	95-300	24-42	68-94	1000
	36MONOe3.400W	185-400	28-46	78-102	1000
42 kV	42MONOe3.95W	25-95	20-34	60-90	1100
	42MONOe3.240W	70-240	26-42	66-110	1100
	42MONOe3.300W	95-300	28-46	70-120	1100
	42MONOe3.400W	185-400	32-48	80-130	1100



MONOi3 CW

HEAT SHRINK MV INDOOR TERMINATION FOR NON ARMORED THREE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to 20,8/36 (42) kV



APPLICATION

The "MONOi3 CW" indoor terminations are designed for not armored three core polymeric cables with common Cu wire screen.

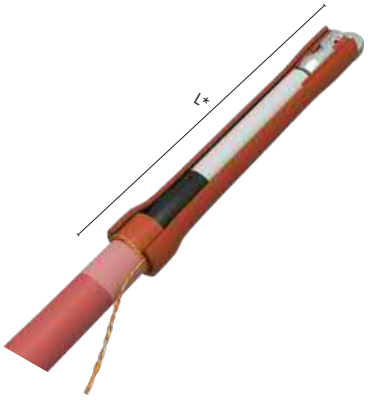
SPECIFICATIONS AND STANDARDS

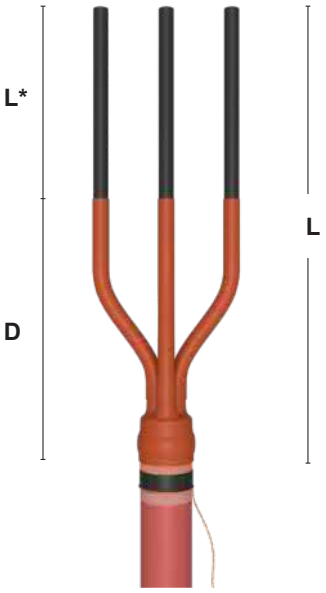
The MONOi terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

TECHNICAL FEATURES

The "MONOi3 CW" indoor terminations are designed for max system voltages of 42 kV, for compact switchgears as well as for installations where space is limited.
Easy, quick to install, reducing installation time and errors.
The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic. Red anti-tracking break-out and red anti-tracking tubes "GT2" with adjustable length "D" are included in the kit. The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs. Right angle or straight heat-shrinkable boots are available on request.





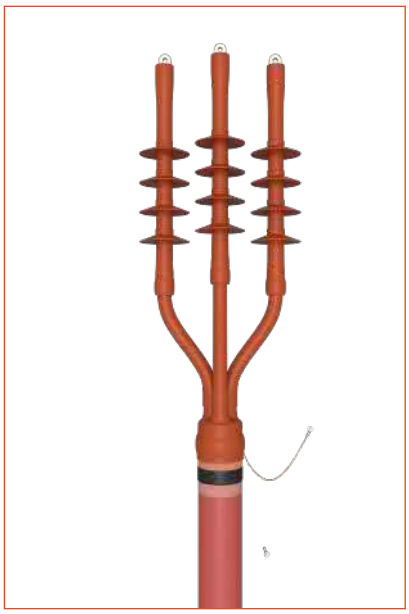


Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
12 kV	12MONOi3.95CW	25-95	12-20	38-56	500
	12MONOi3.240CW	70-240	16-30	46-72	500
	12MONOi3.300CW	95-300	18-32	48-82	600
	12MONOi3.400CW	185-400	22-36	58-84	600
24 kV	24MONOi3.95CW	25-95	14-26	40-62	650
	24MONOi3.240CW	70-240	18-34	48-76	650
	24MONOi3.300CW	95-300	20-38	52-84	650
	24MONOi3.400CW	185-400	25-40	62-90	650
36 kV	36MONOi3.95CW	25-95	20-32	58-76	950
	36MONOi3.240CW	70-240	22-38	64-90	950
	36MONOi3.300CW	95-300	24-42	68-94	950
	36MONOi3.400CW	185-400	28-46	78-102	950
42 kV	42MONOi3.95CW	25-95	20-34	60-90	1000
	42MONOi3.240CW	70-240	26-42	66-110	1000
	42MONOi3.300CW	95-300	28-46	70-120	1000
	42MONOi3.400CW	185-400	32-48	80-130	1000

Version 2025.1

MONOe3 CW

HEAT SHRINK MV OUTDOOR TERMINATION FOR NON ARMORED THREE CORE POLYMERIC CABLES WITH COPPER WIRE SCREEN
Up to 20,8/36 (42) kV



APPLICATION

The "MONOe3 CW" outdoor terminations are designed for not armored three core polymeric cables with common Cu wire screen.

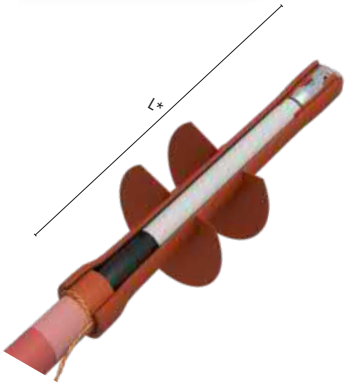
SPECIFICATIONS AND STANDARDS

The MONOe terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

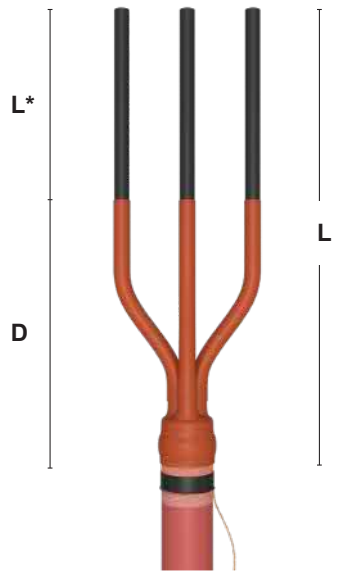
TECHNICAL FEATURES

The "MONOe3 CW" outdoor terminations are designed for max system oltages of 42 kV.
Easy, quick to install, reducing installation time and errors.
The kit consists of a stress control mastic pad, a co extruded dual wall tube and red anti-tracking sealing mastic.
Red anti-tracking break-out and red anti-tracking tubes "GT2" with adjustable length "D" are included in the kit.
Anti-tracking rain sheds are supplied to withstand outdoor enviroments.
The design accommodates various conductor lugs.
MC types are supplied with "GPH" mechanical conductor lugs.





Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L min (mm)
12 kV	12MONOe3.95CW	25-95	12-20	38-56	690
	12MONOe3.240CW	70-240	16-30	46-72	690
	12MONOe3.300CW	95-300	18-32	48-82	690
	12MONOe3.400CW	185-400	22-36	58-84	690
24 kV	24MONOe3.95CW	25-95	14-26	40-62	800
	24MONOe3.240CW	70-240	18-34	48-76	800
	24MONOe3.300CW	95-300	20-38	52-84	800
	24MONOe3.400CW	185-400	25-40	62-90	800
36 kV	36MONOe3.95CW	25-95	20-32	58-76	1000
	36MONOe3.240CW	70-240	22-38	64-90	1000
	36MONOe3.300CW	95-300	24-42	68-94	1000
	36MONOe3.400CW	185-400	28-46	78-102	1000
42 kV	42MONOe3.95CW	25-95	20-34	60-90	1100
	42MONOe3.240CW	70-240	26-42	66-110	1100
	42MONOe3.300CW	95-300	28-46	70-120	1100
	42MONOe3.400CW	185-400	32-48	80-130	1100



TK NOT ARM

HEAT SHRINK TRIFURCATIONS KITS FOR MV APPLICATIONS
CABLES WITHOUT ARMOR
Up to 26/45 (52) kV



APPLICATION

Designed to accommodate not armored, three core cables to 3 single core terminations.

SPECIFICATIONS AND STANDARDS

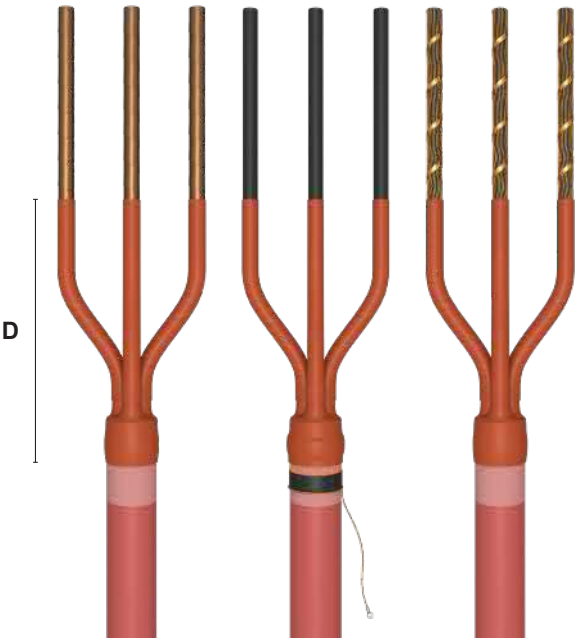
The heat shrink kits terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

TECHNICAL FEATURES

The TK A/1 kit consists of an anti-tracking breakout for the cable crotch area, 1 pc of "GT2" anti-tracking tube to cover the cores.
The red anti-tracking tubes "GT2" in the kit can be selected from 3 different spool lengths to be adjusted, by cutting in 3 parts, according to the required tail length "D" (800,1200,1600 mm).



Um (Kv)	Type	Section (mm²)	Insul. tube (m)
12 kV	TK1A-2M/1	25-95	2
	TK2A-2M/1	70-240	2
	TK3A-2M/1	95-300	2
	TK4A-2M/1	185-400	2
17/24 kV	TK1A-3M/1	25-95	3
	TK2A-3M/1	70-240	3
	TK3A-3M/1	95-300	3
	TK4A-3M/1	185-400	3
36/42/52 kV	TK1A-5M/1	25-95	5
	TK2A-5M/1	70-240	5
	TK3A-5M/1	95-300	5
	TK4A-5M/1	185-400	5



TK ARM

HEAT SHRINK TRIFURCATIONS KITS FOR MV APPLICATIONS
CABLES WITH ARMOR
Up to 26/45 (52) kV



APPLICATION

Designed to accommodate armored, three core cables to 3 single core terminations.

TECHNICAL FEATURES

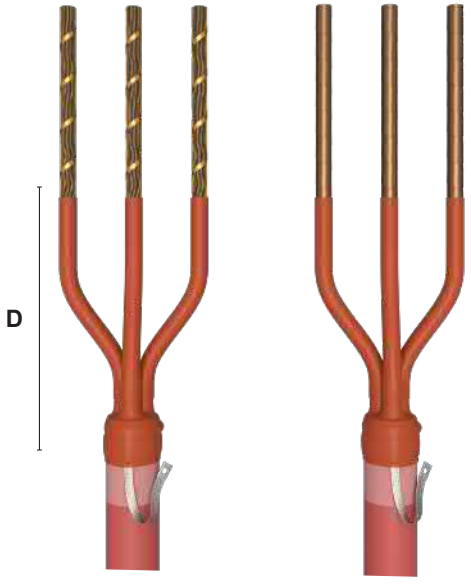
The TK A kit consists of an anti-tracking breakout for the cable crotch area, 1 pc of "GT2" anti-tracking tube to cover the cores, plus an earthing braid kit (consisting of a worm clip, tinned copper braid with water blocking and a connection point). A sealing mastic is provided to ensure water/ moisture penetration. The red anti-tracking tubes "GT2" in the kit can be selected from 3 different spool lengths to be adjusted, by cutting in 3 parts, according to the required tail length (800,1200,1600 mm).

SPECIFICATIONS AND STANDARDS

The heat shrink kits terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.



Um (Kv)	Type	Section (mm²)	Insul. tube (m)
12 kV	TK1A-2M	25-95	2
	TK2A-2M	70-240	2
	TK3A-2M	95-300	2
	TK4A-2M	185-400	2
17/24 kV	TK1A-3M	25-95	3
	TK2A-3M	70-240	3
	TK3A-3M	95-300	3
	TK4A-3M	185-400	3
36/42/52 kV	TK1A-5M	25-95	5
	TK2A-5M	70-240	5
	TK3A-5M	95-300	5
	TK4A-5M	185-400	5



TTGI1 Z

HEAT SHRINK MV INDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Cu WIRE/TAPE SCREEN, Al WIRE/TAPE ARMOR
Up to 20,8/36 (42) kV



APPLICATION

"TTGI1 Zi" heat-shrink medium voltage indoor terminations for single core polymeric insulated cables with either Cu wire screen or Cu tape screen with aluminium wire/tape armor.

SPECIFICATIONS AND STANDARDS

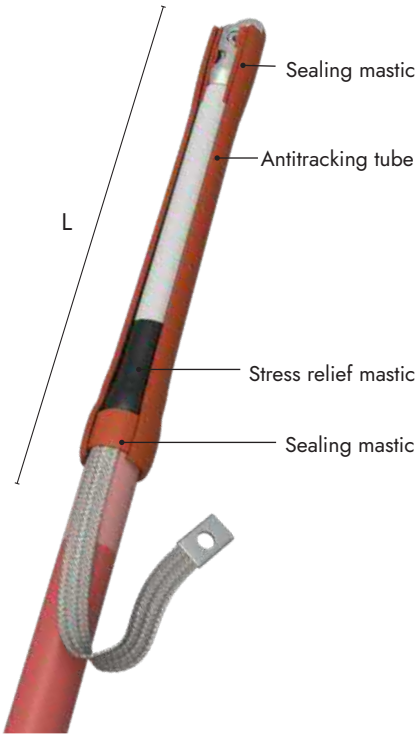
The Nexans terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

TECHNICAL FEATURES

The "TTGI Zi" indoor terminations utilize stress control tubing with stress grading mastic to control the electric field. The cut of the semi-conductive screen on the termination is covered by stress control mastic strip, acting as both stress control and void filler. The stress control tubing completes the control of the electric field. The lug barrel is covered with anti-tracking mastic to create complete environmental seal. Anti-tracking mastic is also used to seal the earth/armor connection. "GT2" anti-tracking tube completes the termination and covers armor connection. The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs.



Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L (mm)
12/17 kV	17TTGI1.50Zi	25-50	12-18	18-28	540
	17TTGI1.150Zi	70-150	16-28	26-40	540
	17TTGI1.400Zi	185-400	18-32	34-46	540
	17TTGI1.630Zi	400-630	20-36	34-56	540
	17TTGI1.1000Zi	630-1000	36-50	50-68	540
24 kV	24TTGI1.95Zi	25-95	14-26	20-38	580
	24TTGI1.185Zi	70-240	18-34	28-44	580
	24TTGI1.400Zi	95-300	28-40	34-52	580
	24TTGI1.630Zi	400-630	25-46	42-62	580
	24TTGI1.1000Zi	500-1000	30-54	44-72	580
36 kV	36TTGI1.120Zi	35-120	20-32	30-44	680
	36TTGI1.300Zi	95-300	22-40	36-54	680
	36TTGI1.630Zi	300-630	40-52	42-66	680
	36TTGI1.1000Zi	500-1000	44-56	52-78	680
42 kV	42TTGI1.120Zi	25-120	22-36	32-46	820
	42TTGI1.300Zi	95-300	28-38	38-56	820
	42TTGI1.630Zi	400-630	42-56	42-70	820
	42TTGI1.1000Zi	630-1000	44-62	54-82	820



TTGE1 Z

HEAT SHRINK MV OUTDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Cu WIRE/TAPE SCREEN, Al WIRE/TAPE ARMOR
Up to 20,8/36 (42) kV



APPLICATION

"TTGE1 Zi" heat-shrink medium voltage outdoor terminations for single core polymeric insulated cables with either Cu wire screen or Cu tape screen with aluminium wire/tape armor.

SPECIFICATIONS AND STANDARDS

The Nexans terminations are tested according to CENELEC HD 629.1 and IEC 60502-4.

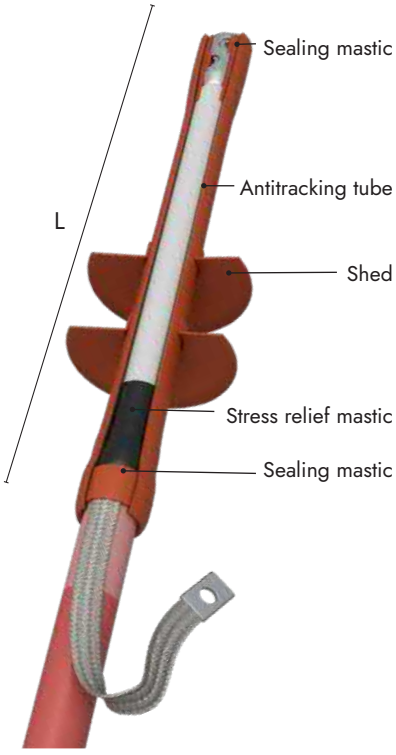
TECHNICAL FEATURES

The "TTGE Zi" indoor terminations utilize stress control tubing with stress grading mastic to control the electric field. The cut of the semi-conductive screen on the termination is covered by stress control mastic strip, acting as both stress control and void filler. The stress control tubing completes the control of the electric field.

The lug barrel is covered with anti-tracking mastic to create complete environmental seal. Anti-tracking mastic is also used to seal the earth/armor connection. "GT2" anti-tracking tube completes the termination and covers armor connection. Rain sheds are included in the kit. The design accommodates various conductor lugs. MC types are supplied with "GPH" mechanical conductor lugs.

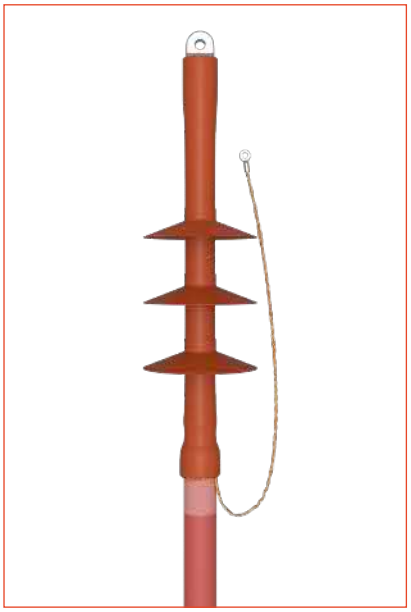


Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L (mm)
12/17 kV	17TTGE1.50Zi	25-50	12-18	18-28	540
	17TTGE1.150Zi	70-150	16-28	26-40	540
	17TTGE1.400Zi	185-400	18-32	34-46	540
	17TTGE1.630Zi	400-630	20-36	34-56	540
	17TTGE1.1000Zi	630-1000	36-50	50-68	540
24 kV	24TTGE1.95Zi	25-95	14-26	20-38	580
	24TTGE1.185Zi	70-240	18-34	28-44	580
	24TTGE1.400Zi	95-300	28-40	34-52	580
	24TTGE1.630Zi	400-630	25-46	42-62	580
	24TTGE1.1000Zi	500-1000	30-54	44-72	580
36 kV	36TTGE1.120Zi	35-120	20-32	30-44	680
	36TTGE1.300Zi	95-300	22-40	36-54	680
	36TTGE1.630Zi	300-630	40-52	42-66	680
	36TTGE1.1000Zi	500-1000	44-56	52-78	680
42 kV	42TTGE1.120Zi	25-120	22-36	32-46	820
	42TTGE1.300Zi	95-300	28-38	38-56	820
	42TTGE1.630Zi	400-630	42-56	42-70	820
	42TTGE1.1000Zi	630-1000	44-62	54-82	820



52TTGI 1

HEAT-SHRINK MV INDOOR TEMINATIONS FOR SINGLE CORE POLYMERIC CABLES WITH Cu WIRE SCREEN
Up to 26/42 (52) kV



APPLICATION

The "52TTGI1" terminations are designed for single core polymeric cables.

SPECIFICATIONS & STANDARDS

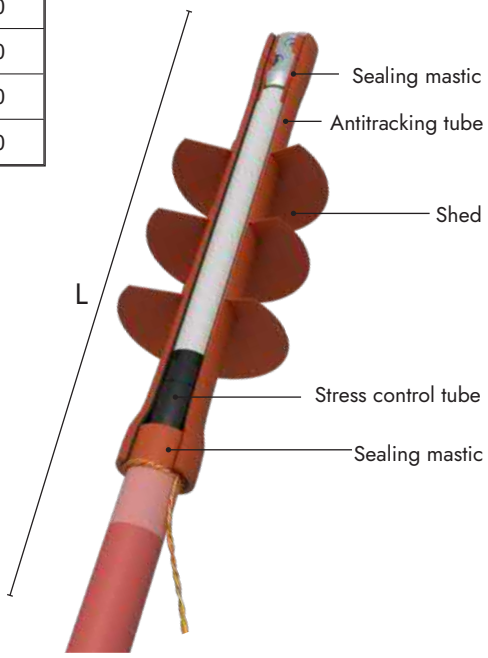
Meet the requirements IEC 60840.

TECHNICAL FEATURES

A stress control patch is applied at the screen cut of the termination and helps to control the field together with stress control tubing.
Semiconductive tubing creates a bridge for leakage currents placed onto and covering the screen wires or earth braid.
Another layer of stress control mastic covers the top end of the semiconductive tubing.
Red anti-tracking mastic is wrapped onto the top end of the tubing.
The lug and cable outer sheath is sealed with anti-tracking mastic.
Heavy wall anti-tracking tube and anti-tracking rain sheds complete the termination.
A solderless roll force spring and an earthing braid are included in the kit (type Ai).
The design accommodates various conductor lugs.
MC types are supplied with "GPH" mechanical conductor lugs.
For cable with Al foil screen please ask to our sales representative.



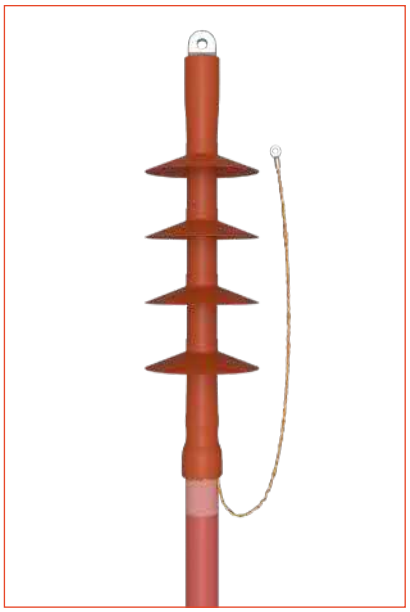
Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L (mm)
52 kV	52TTGI1.95i	25-95	26-32	30-44	900
	52TTGI1.240i	70-240	28-40	32-46	900
	52TTGI1.400i	185-400	32-46	36-50	900
	52TTGI1.630i	400-630	38-52	44-56	900
	52TTGI1.1200i	630-1200	46-64	52-70	900



Version 2025.1

52TTGE 1

HEAT-SHRINK MV OUTDOOR TERMINATION FOR SINGLE CORE POLYMERIC CABLES WITH Cu WIRE SCREEN
Up to 26/42 (52) kV



APPLICATION

The "52TTGE1" terminations are designed for single core polymeric cables.

SPECIFICATIONS & STANDARDS

Meet the requirements IEC 60840.

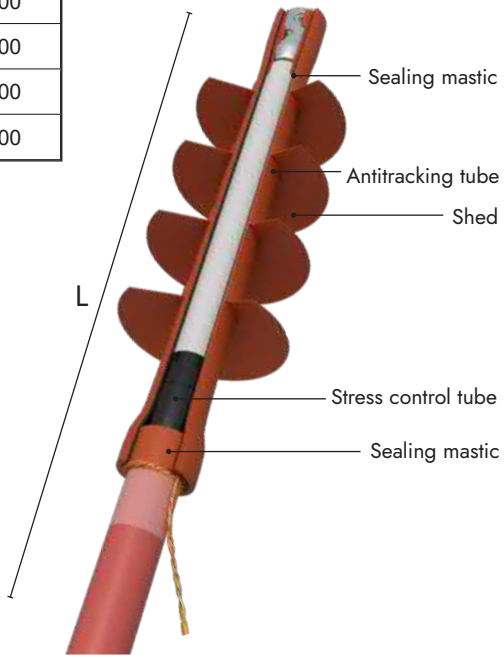
TECHNICAL FEATURES

A stress control patch is applied at the screen cut of the termination and helps
to control the field together with stress control tubing.
Semiconductive tubing creates a bridge for leakage currents placed onto
and covering the screen wires or earth braid.
Another layer of stress control mastic covers the top end
of the semiconductive tubing.

Red anti-tracking mastic is wrapped onto the top end of the tubing.
The lug and cable outer sheath is sealed with anti-tracking mastic.
Heavy wall anti-tracking tube and anti-tracking rain sheds complete the termination.
A solderless roll force spring and an earthing braid are included in the kit (type Ai).
The design accommodates various conductor lugs.
MC types are supplied with "GPH" mechanical conductor lugs.
For cable with Al foil screen please ask to our sales representative.



Um (Kv)	Type	Section (mm²)	DOI insulation (mm)	DOE outer sheath (mm)	L (mm)
52 kV	52TTGE1.95i	25-95	26-32	30-44	900
	52TTGE1.240i	70-240	28-40	32-46	900
	52TTGE1.400i	185-400	32-46	36-50	900
	52TTGE1.630i	400-630	38-52	44-56	900
	52TTGE1.1200i	630-1200	46-64	52-70	900



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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ELECTRIFY THE FUTURE

Version 2025.1