

Heat – shrinkable
Medium voltage
accessories

Catalogue 2010

International Cable Company – Nexans Group

About us

Located in the 10th of Ramadan City, soon after its foundation in 1993, ICC became one of the leaders in the field of cable industry in Egypt. From the beginning, the company has the support of "Alcatel Cable", previous name of "Nexans", the world-wide leader in the cable industry.



ICC important market share is a result of the total confidence of our customers in the high quality of our products. Our main customers are all electrical distribution companies, electrical authorities, Telecom Egypt as well as the main contractors all over Egypt. After 10 years of increase in the local market, Nexans became our major shareholders (88,5% of the capital) in 2005 to support ICC to take a new dimension with big investments and developments in the export business.

ICC modern machineries, severe quality control after each step of production and specialized and experienced technical staff are all backed by the technical assistance of "Nexans". Our mother company "Nexans" provides us with latest developments in the field of materials and manufacturing methods. "Nexans", the world wide largest cable manufacturer and owner of the most advanced labs in this field, helps us to secure our good reputation in the market.

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HEAT-SHRINKABLE MEDIUM VOLTAGE ACCESSORIES

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TTG11- single core XLPE indoor termination
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TTGI1 HEAT-SHRINKABLE SINGLE CORE XLPE INDOOR TERMINATION

Application

Heat-shrinkable terminations for polymeric cables, are widely used by power utilities and in industrial applications. For use indoor in controlled environmental conditions.

Up to 36 kV

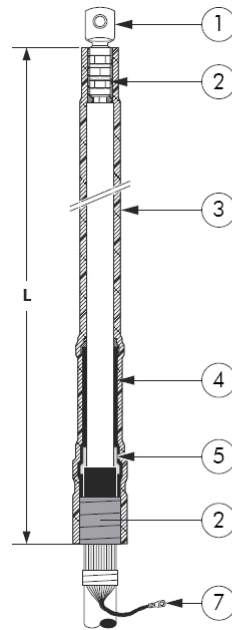
6/10 (12) kV
12/20 (24) kV
18/30 (36) kV

Design

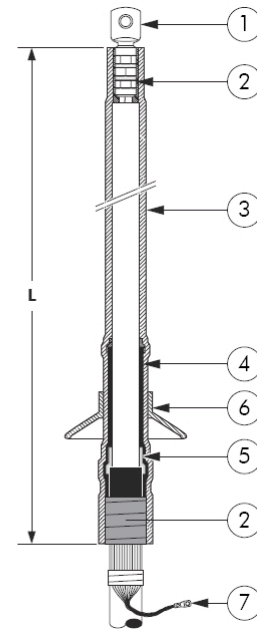
1. Cable lug (supplied on request).
2. Water sealing mastic.
3. Anti-tracking heat-shrinkable tube.
4. Stress control heat-shrinkable tube.
5. Stress control mastic.
6. Anti-tracking shed (only for 36TTGI1).
7. Earthing lug.

Special design can be done on request.

17TTGI1 & 24TTGI1



36TTGI1



Specifications and standards

Meets the requirements of IEC 60502-4.

Termination type	Voltage Um (kV)	Length "L" (mm)	Conductor sizes (mm ²)	
			min.	max.
24TTGI1EG	24	520	50	400
36TTGI1EG	36	620	70	400

Standard conductor size: 400 mm²

TTGE1 HEAT-SHRINKABLE SINGLE CORE XLPE OUTDOOR TERMINATION

Application

Heat-shrinkable terminations for polymeric cables, are widely used by power utilities and in industrial applications. For use outdoors and exposed to prolonged sunshine and other weather conditions.

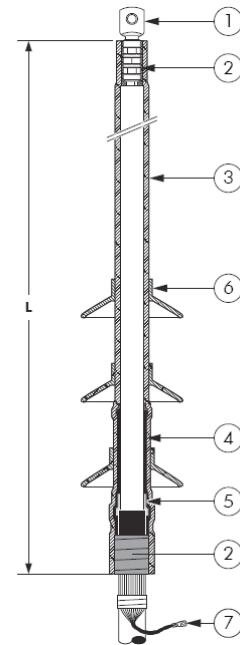
Up to 36 kV

6/10 (12) kV
12/20 (24) kV
18/30 (36) kV

Design

1. Cable lug (supplied on request).
2. Water sealing mastic.
3. Anti-tracking heat-shrinkable tube.
4. Stress control heat-shrinkable tube.
5. Stress control mastic.
6. Anti-tracking sheds.
7. Earthing lug (on demand).

Special design can be done on request.



Specifications and standards

Meets the requirements of IEC 60502-4.

Termination type	Voltage Um (kV)	Length "L" (mm)	Conductor sizes (mm ²)		Number of sheds	Creepage length (mm)
			min.	max.		
24TTGE1EG	24	520	50	400	2	700
36TTGE1EG	36	620	70	400	3	800

Standard conductor size: 400 mm²

TTGI3 HEAT-SHRINKABLE THREE CORE XLPE INDOOR TERMINATION

Application

Heat-shrinkable terminations for three core polymeric cables, are widely used by power utilities and in industrial applications.

An earthing kit for both copper wires and copper tape screen, is included in the kit.

For use indoor in controlled environmental conditions.

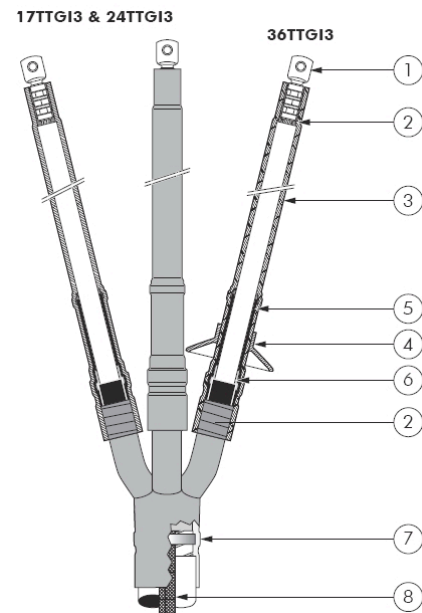
Up to 36 kV

6/10 (12) kV
12/20 (24) kV
18/30 (36) kV

Design

1. Cable lug (supplied on request).
2. Water sealing mastic.
3. Anti-tracking heat-shrinkable tube.
4. Anti-tracking sheds (only for 36TTGI3).
5. Stress control heat-shrinkable tube.
6. Stress control mastic.
7. Break-out.
8. Flexible tinned copper braid.

Special design can be done on request.



Specifications and standards

Meets the requirements of IEC 60502-4.

Termination type	Voltage Um (kV)	Conductor sizes (mm ²)	
		min.	max.
24TTGI3EG	24	50	300
36TTGI3EG	36	70	300

Standard conductor size: 240 mm²

TTGE3 HEAT-SHRINKABLE THREE CORE XLPE INDOOR TERMINATION

Application

Heat-shrinkable terminations for three core polymeric cables, are widely used by power utilities and in industrial applications.

An earthing kit for both copper wires and copper tape screen, is included in the kit.

For use outdoors and exposed to prolonged sunshine and other weather conditions.

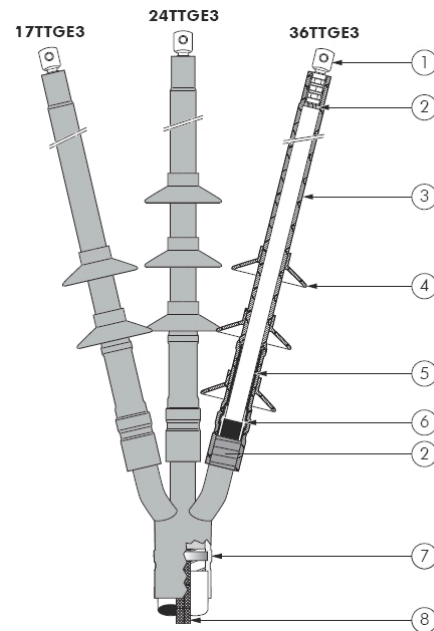
Up to 36 kV

6/10 (12) kV
12/20 (24) kV
18/30 (36) kV

Design

1. Cable lug (supplied on request).
2. Water sealing mastic.
3. Anti-tracking heat-shrinkable tube.
4. Anti-tracking sheds.
5. Stress control heat-shrinkable tube.
6. Stress control mastic.
7. Break-out.
8. Flexible tinned copper braid.

Special design can be done on request.



Specifications and standards

Meets the requirements of IEC 60502-4.

Termination type	Voltage Um (kV)	Conductor sizes (mm ²)		Number of sheds	Creepage length (mm)
		min.	max.		
24TTGE3EG	24	50	300	3	860
36TTGE3EG	36	70	300	3	1380

Standard conductor size: 240 mm²

GTS1 HEAT-SHRINKABLE SINGLE CORE XLPE STRAIGHT JOINT

Application

For jointing polymeric cable to be laid in air or directly buried. The product is fully screened and fully submersible.

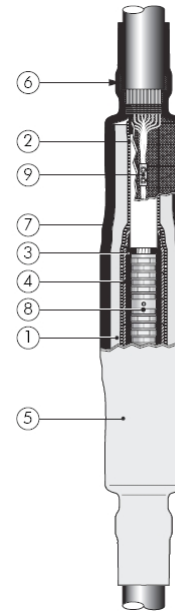
Up to 36 kV

12/20 (24) kV
18/30 (36) kV

Design

1. Dual wall tube type GT25.
2. Stress control tube GT1.
3. Stress control mastic MNAC.
4. Non-tracking tube GT2 (only for 36GTS1).
5. Overall protection tube GT4.
6. Sealing mastic NGAF.
7. Screen continuity (copper mesh).
8. Conductor connector (supplied on request).
9. Ferrule for screen wires.

Special design can be done on request.



Specifications and standards

Meets the requirements of IEC 60502-4.

Termination type	Voltage U_m (kV)	Length "L" (mm)	Conductor sizes (mm ²)	
			min.	max.
24GTS1EG	24	750	50	400
36GTS1EG	36	750 - 1000	70	400

Standard conductor size: 400 mm²

GTS3 HEAT-SHRINKABLE THREE CORE XLPE STRAIGHT JOINT

Application

For jointing three core polymeric cable to be directly buried. The product is fully screened and fully submersible.

Up to 36 kV

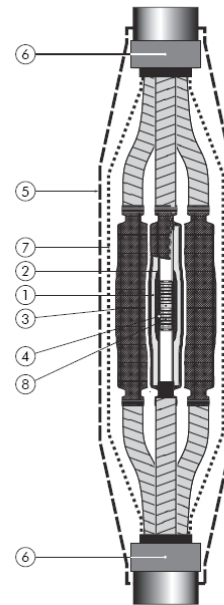
12/20 (24) kV

18/30 (36) kV

Design

1. Dual wall tube type GT25.
2. Stress control tube GT1.
3. Screen continuity (copper mesh).
4. Stress control mastic MNAC.
5. Overall protection tubes.
6. Sealing mastic NGAF.
7. Canister.
8. Conductor connector (supplied on request).

Special design can be done on request.



Specifications and standards

Meets the requirements of IEC 60502-4.

Termination type	Voltage Um (kV)	Length "L" (mm)	Conductor sizes (mm ²)	
			min.	max.
24GTS3EG	24	1200	50	300
36GTS3EG	36	1400 - 2300	70	300

Standard conductor size: 240 mm²