

480TB/G - Compact tee connector, EPDM, Interface C

Contact

Sales contact
Phone: +41 41 783 18 18
info@mediumVOLTAGE.ch

480TB/G - EUROMOLD® Compact tee connector for multiple voltage levels, EPDM, Interface C, up to 42kV - 630 A/1250 A

DESCRIPTION

Application

Suitable for installation on polymeric insulated medium voltage cables with extruded easy strip conductive screen or bonded extruded conductive screen. For use with other cable types please contact our sales representative.

Technical characteristics

- The thick conductive EPDM jacket provides a total safe to touch screen to ensure safety.
- Metal housing available on request.
- For use with test rod 800TR/800TR-A.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

Specifications and standards

The 480TB/G separable connector meets the requirements of CENELEC HD 629.1. ATEX version can be delivered on request.



EUROMOLD®

STANDARDS

International
CENELEC HD 629.1

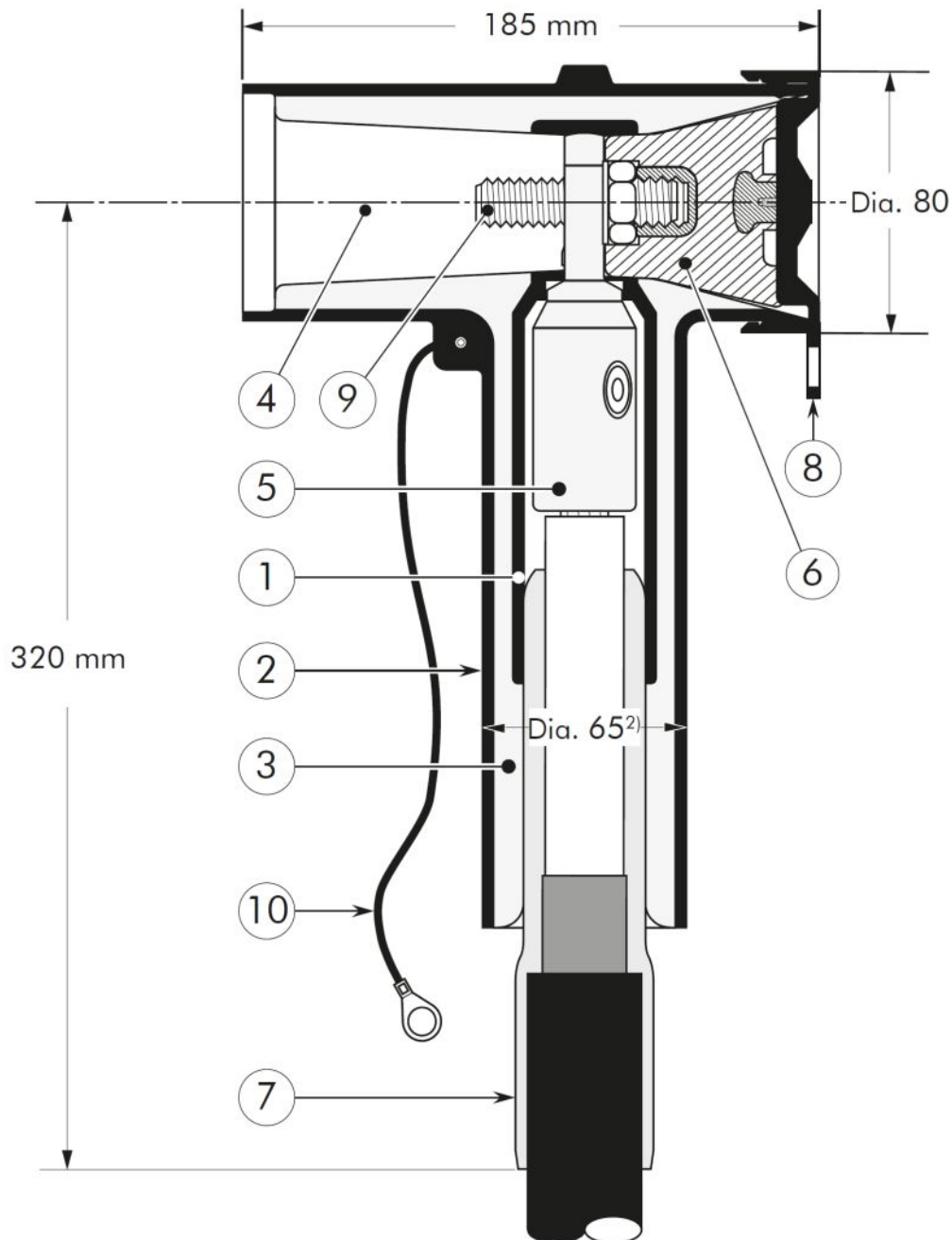
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DRAWING 480TB



²⁾ The indicated diameter is a die dimension. Depending on the conductor cross-section used, a deviation of up to +5 mm is possible.

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DESIGN 480TB

1. Conductive EPDM insert
2. Conductive EPDM jacket
3. Insulating EPDM layer
4. Type C1+C2 interface as described by CENELEC EN 50180 and 50181
5. Bolted or crimp conductor contact
6. Basic insulating plug (with voltage detection point, standard from 30 kV)
7. Cable reducer
8. Conductive rubber cap
9. Clamping screw 430 TCS (optional M16 stud with spring washer and nut)
10. Earth lead

The screen break design enables cable outer sheath testing without removing or dismantling the connector.

TECHNICAL DATA 480TB

Separable connector type	Nominal voltage U_o/U (kV)	Current I_n (A)	Conductor cross-section (mm ²)	
			min.	max.
480TB/G	6/10	630/1250 ¹⁾	25	300
K480TB/G	12/20	630/1250 ¹⁾	35	300
M480TB/G	18/30	630/1250 ¹⁾	50	300
P480TB/G	20.8/36	630/1250 ¹⁾	50	240

¹⁾ When installed on appropriate equipment bushing.

KIT CONTENTS 480TB

The complete (K)(M)(P)480TB/G tee connector kit comprises 3 x the following components.

The kit also comprises:

- + installation instructions
- + silicone grease
- + wipers
- + screen wire cable lugs

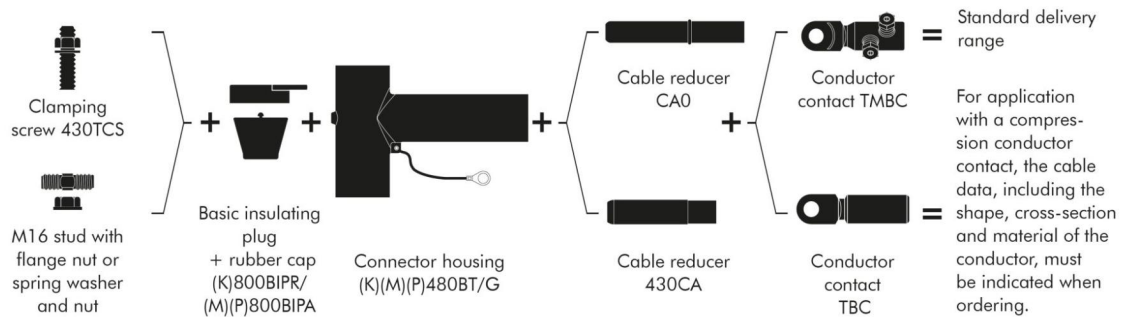
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KIT 480TB



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