

» CABLE ACCESSORIES

ACA AS ONE OF THE MAJOR SUPPLIER FOR LSR PRODUCTION TECHNOLOGY IS ALSO A RELIABLE DESIGNER AND SUPPLIER OF CABLE ACCESSORIES FOR ALL TYPES OF CABLES FROM 12 TO 420 KV.

aca designs and develops all elements within the cable fittings from stress control elements for terminations to the complete insulation system for cable joints.

» Overview of the cable terminations



The cable accessories are type tested acc. to the latest edition of IEC 62067 and IEC 60840 and client's requirements beyond the IEC standard.

aca offers terminations for solid dielectric cables (XLPE and EPR) for indoor and outdoor applications

in the proven slip on type for rated voltages from 12 to 420 kV. The terminations can cover a wide range of cable cross sections and insulation diameters. The terminations are available as GIS/Transformer plug in terminations or as outdoor applications with various connections from bolted cable lugs to plug-in connectors.

» Products

All cable accessories have an indefinite shelf life to ensure minimum stock for replacement and due to slip on technology quick and easy installation is guaranteed.

All medium voltage accessories can be used for cables with various designs with different conductive layers and different sheet designs.

The joints are made of a single insulation piece all stress control elements are included into this single insulation body. The outer protection body design allows also

directly buried joints. The watertightness of the cable – joint combination is ensured by the resin compound filling which is available in client's request.



» Slip on cable terminations

For 72,5 kV outdoor application

TERMINATIONS - PRODUCT MAIN FEATURES:

- » For all polymeric cables
- » Easy installation in any position
- » Available with bolted or compression cable lugs
- » Adjustable spring tension force
- » Factory routine tested silicone rubber stress cone
- » Cable screen connection without plumbing
- » Rated voltage: 12...420 kV

» Stress cones for cable terminations



- » Cable cross sections:
35 ...240 mm² (for 12...42 kV rated voltage)
150...2500 mm² (rated voltages > 42 kV)
- » Ready to use immediately after installation

JOINTS - PRODUCT MAIN FEATURES:

- » Pre-molded one piece joint body electrically routine tested at factory
- » Available with bolted or DIN compression connectors
- » Highest degree of mechanical and moisture protection
- » Universal cable screen grounding configuration
- » Radial moisture metallic barrier made of stainless steel casing
- » Glass fiber reinforced protection filled with PU-resin compound
- » Directly buried installation possible.

» LSR cable joint bodies



- » Can be used for a wide range of cable cross section due to expandable LSR used.
- » Rated voltage: 12...420 kV
- » Cable cross sections:
35 ...240 mm² (for 12...42 kV rated voltage)
150...2500 mm² (rated voltages > 42 kV)
- » Ready to use immediately after installation