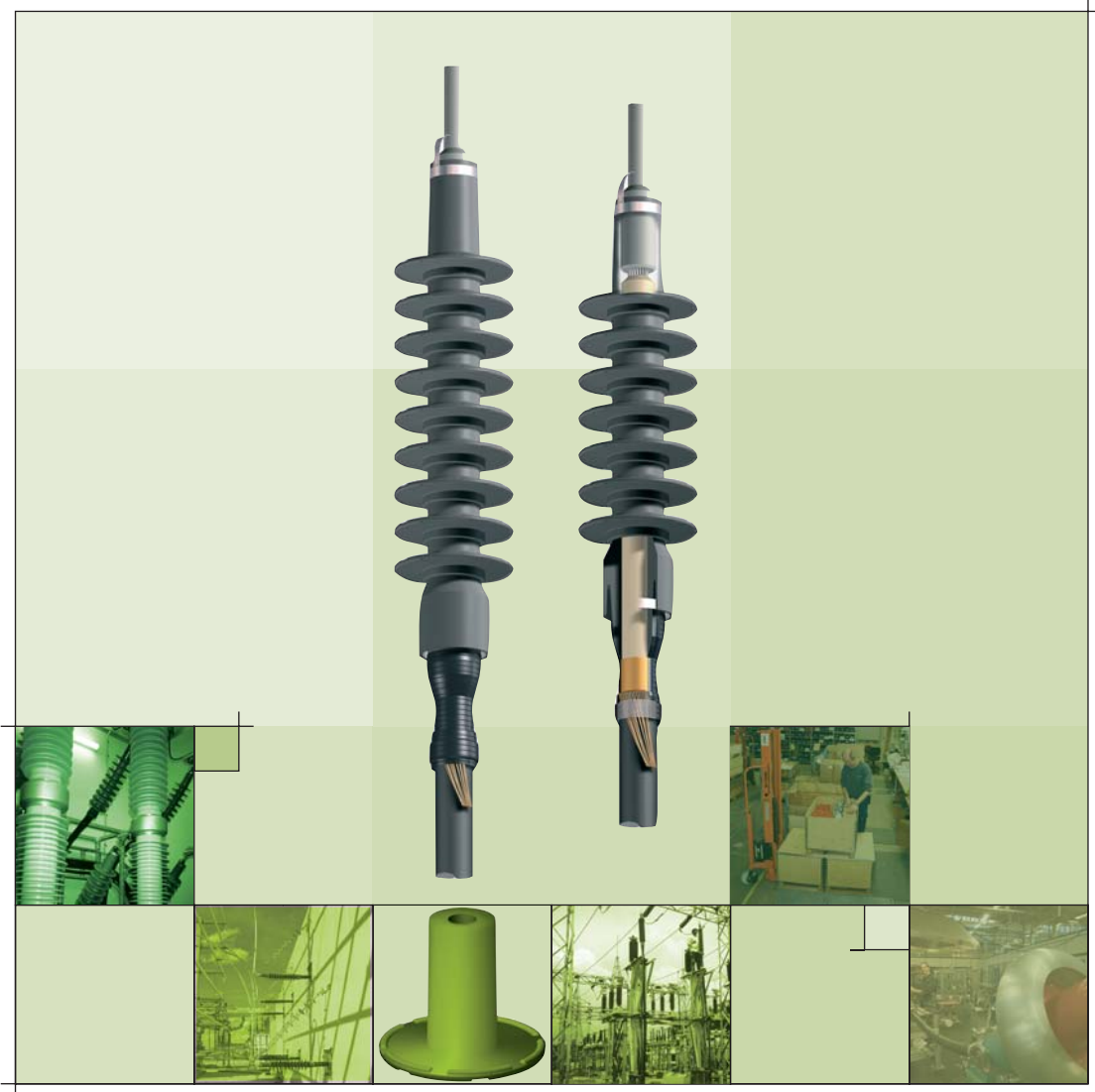
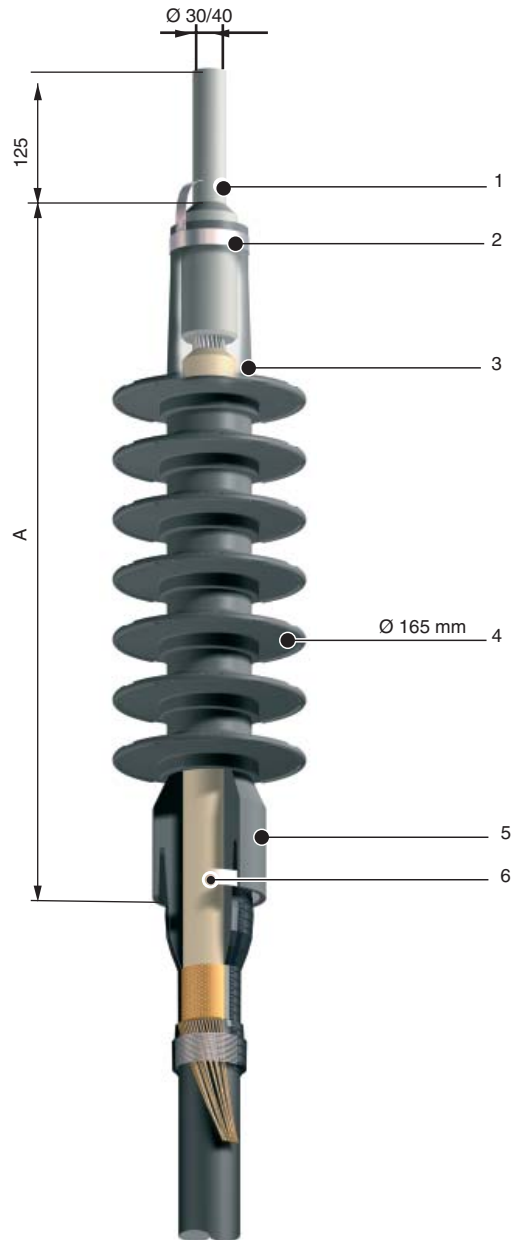


# Outdoor cable termination Type APSEA 52-72.5 kV

Kabeldon Cable Accessories 52-420 kV



# Kabeldon outdoor cable termination, Type APSEA 52-72.5 kV



## 1. Top bolt

- Material: Aluminium or tin-plated copper.
- Mechanical screw /press/weld connector.

## 2. Creepage current electrode

- Collects surface creepage current.
- Material: stainless steel

## 3. Top cap

- A sealing made of EPDM rubber with active pressure to exclude water penetration.

## 4. Weather sheds

- Made of EPDM rubber.
- As modules which create flexibility in length to adjust to different degrees of pollution.

## 5. Stress relief cone

- Material: EPDM rubber.
- Premoulded.
- Geometric field control

## 6. Creepage current collector

- Collects surface creepage current.
- Material: stainless steel.



## A-TBF SKR

Top bolt.  
Dimension B varies with  
cable dimensions.

### Routine test

- Visual inspection is performed on all parts of the termination

### Cable range

- Conductor Cu/Al 120 - 1200 mm<sup>2</sup>
- XLPE diameter, prepared 33 - 66 mm

All dimensions are in mm.

### Transportation and storage

When stored in original, unopened packaging at temperatures from -30°C to 40°C, the shelf life is ten years from date of manufacture.

Note: Tape and cleaning kits shall be exchanged after five years.

### Box 1, termination parts

	Net weight	Gross weight	Dimensions
52	4 kg	5 kg	800 x 600 x 520 mm
72	5 kg	6 kg	800 x 600 x 520 mm

Dimensions and weights may vary as products occasionally have different packaging.



	Voltage (kV)		Standard
	52	72.5	
Highest voltage for equipment	52	72.5	IEC 60840 /SS 424 14 17
Rated voltage	45-47	60-69	IEC 60840 /SS 424 14 17
Value of U <sub>0</sub> for determination of test voltage	26	36	IEC 60840 /SS 424 14 17
Measurement of loss factor, U <sub>0</sub>	26	36	IEC 60840 /SS 424 14 17
Heating cycle voltage test, 2U <sub>0</sub>	52	72	IEC 60840 /SS 424 14 17
Partial discharge test <5 pC, 1,5 U <sub>0</sub>	39	54	IEC 60840 /SS 424 14 17
Lighting impulse voltage test, BIL	±250	±325	IEC 60840 /SS 424 14 17
AC- voltage test, 2,5 U <sub>0</sub>	65	90	IEC 60840 /SS 424 14 17

### Common specifications

Type:	521-525	526-527	721-724	725-727
Creepage distance (mm)	1115	1250	1420	1790
Dimension A (mm)	580	650	690	870
Rated frequency (Hz)	50/60	50/60	50/60	50/60
Altitude site (m)	< 1000	< 1000	< 1000	< 1000
Max inclination (degrees)	180°	180°	180°	180°
Max horizontal or vertical force on top bolt (N)	2000	2000	2000	2000

Optional equipment	Designation
Earthing kit, JSA/ Screen connection kit	SCK, JSA
Cable lug	
Cable clamp	UKR
Extension kit	



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