

Oil-filled outdoor termination

APECB



Design:

The different versions of the outdoor termination APECB are designed for operation voltage from 123 kV up to 420 kV.

The complete termination consists of composite or porcelain insulator with metal head plate, metal base plate with supporting insulators and premoulded EPDM stress cone with integrated stress control system and synthetic polyisobutene (PIB) insulating oil for insulator filling and cable clamps.

The conductor bolt is available as screw type. All metal parts are made of corrosion proof aluminum alloy or stainless steel.

The insulators are available according to IEC 60815 with the standard pollution levels. The insulators have standard flashover distance.

Application:

Outdoor termination suitable for XLPE- and EPR-insulated cables with Al or Cu conductor.

Standard:

- IEC 60840
- IEC 62067

Specific for the product:

The kits are selected as follows:

- APECB – P**
 - Composite insulator
- APECB – B**
 - Porcelain insulator

Note:

- Optional kits:**
- Opto kit
 - GAP-APECB
 - PIU-APECB

Tools:

- SV 140, SV 190, SV 215 – installation tool for stress cone

Technical details:

Voltage	Type/ designation	Max. cross section	Prepared cable insulation diameter	Max.	Creepage distance	Length (approx.)	Weight (approx.)
kV		mm ²	mm	mm	mm	mm	kg
123	APECB 123	2500	45.5 – 107.0	170	> 3150	1555	90
145	APECB 145	2500	45.5 – 107.0	170	> 4350	1855	100
170	APECB 170	2500	45.5 – 107.0	170	> 5250	2055	110
245	APECB 245	2500	68.0 – 120.0	170	> 9360	3275	295
300	APECB 300	2500	68.0 – 120.0	170	> 9360	3275	295
420	APECB 420	2500	80.0 – 124.0	170	> 14900	4825	600