

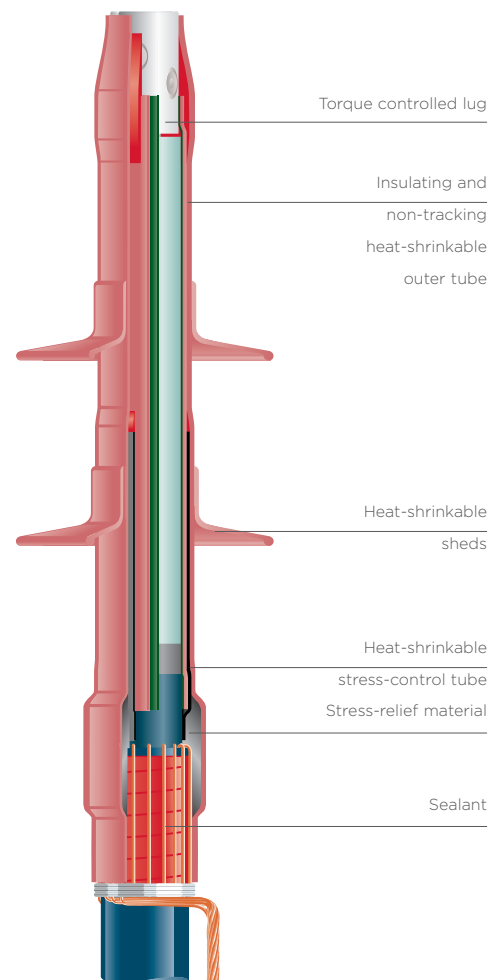
## Heat-Shrinkable Terminations for DC Filter Cables (FCEV)

### APPLICATION

- The cable is prepared in the same simple and easy way as for Raychem medium voltage terminations without sanding or pencilling. Based on the design of Raychem high voltage terminations, the filter cable termination consists of a staggered layer of stress control tubings and patches. A heat-shrinkable non-tracking insulation tubing and shed are shrunk over the stress control system and ensure a reliable seal to the lug and the oversheath. A mechanical lug is supplied with the kit. The mechanical lug has an M10 thread on the top for easy connection to connecting busbars. The termination is supplied as a single phase termination. A solderless earth connection for cables with metal sheath is included in the termination kit

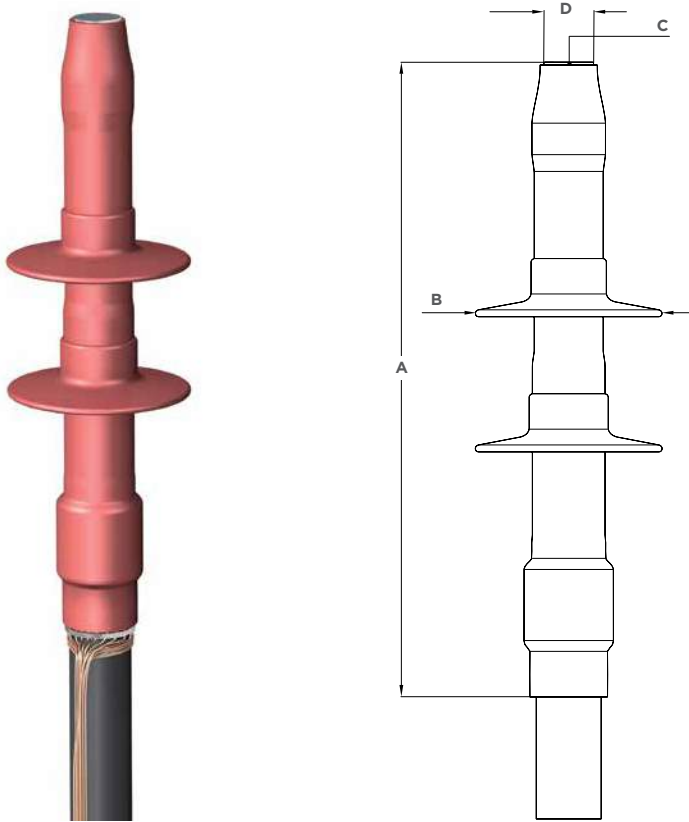
### FEATURES

- Compact and modular design
- Heat-shrinkable stress control sleeves
- Non-tracking, heat-shrinkable outer insulation
- Easy to install
- No special or expensive tools
- Lightweight components
- Unlimited shelf life under normal storage conditions
- No oil or compound filling
- Reduced waste for disposal



Max. operating voltage $U_m$ (kV)	111	150
DC withstand test (kV)	200	300
Rated lightning impulse withstand voltage (BIL) (kV)	240	325

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### Technical data

Product description	No Load voltage $U_L$	Conductor cross section (mm <sup>2</sup> )	Diameter over cable insulation (mm)
FCEV-111	111	35 - 95	26 - 38
FCEV-150	150	35 - 95	26 - 38
FCEV-150-1	150	95 - 240	38 - 52

### Dimensions

Product description	A (mm)	B (mm)	C (mm)	D (mm)
FCEV-111	500	155	M10	32
FCEV-150	700	155	M10	32
FCEV-150-1	700	155	M10	32