

Supported Retrofit Outdoor Termination EST145-C45-SUB R, 145 kV, dry-insulated, for substations

PFISTERER offers a customised solution for terminations that have to be replaced, with its proven dry product portfolio as a Retrofit version.

Whether in the substation, as a flexible solution or on the transmission tower, dry outdoor terminations are ready to modernise networks in the long term and are designed according to IEC 60840.

Retrofit - Characteristics

- Using existing XLPE/EPR-insulated high-voltage cables from 185 mm² up to 2500 mm²
- The terminations EST have proven reliability and advantages compared to fluid-filled terminations:
 - Easy installation
 - No risk of leakage
 - Oil and gas free
 - Explosion-resistant
 - Low weight

Note:

The HV cable termination EST-SUB R has been specially designed to replace as many commercially available terminations as possible. However, due to the almost infinite variety of possible combinations of existing terminations and high voltage cables, it is necessary to check the compatibility of the specific framework conditions with our technical support in advance.



Picture may vary.

Technical Data

Article no.	EST145-C45-SUB R	
Max. system voltage	U _m (kV)	145
Type Termination	dry-insulated, supported, Retrofit, for substations (EST-SUB R)	
Applicable standards	designed according to IEC 60840	
Rated lightning impulse withstand voltage BIL	(kV)	650
Conductor cross section	(mm ²)	185 - 2500
Diameter over cable insulation - prepared	(mm)	51.5 - 114.5
Minimum creepage distance	(mm)	4495
Min. arcing distance	(mm)	1775