

Supported Retrofit Outdoor Termination EST170-C53-SUB R, 170 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 240 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. | EST170-C53-SUB R | |
|---|---|--------------|
| Max. system voltage | U _m (kV) | 170 |
| 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) | 750 |
| Conductor cross section | (mm ²) | 240 - 2500 |
| Diameter over cable insulation - prepared | (mm) | 51.5 - 114.5 |
| Minimum creepage distance | (mm) | 5270 |
| Min. arcing distance | (mm) | 2000 |