

# Supported Outdoor Termination EST123-C31-SUB SA, 123 kV, dry-insulated, with surge arrester

## Cable termination and surge arrester in one

With the EST SUB SA, the surge arrester serves as a fixing point for the cable termination at the same time. No additional supporting elements are necessary. Various response voltages for the surge arrester are available.

- Quick and easy to install
- Oil- and gas-free - leak-proof
- Maintenance-free
- 100% electrically individually tested
- Proven technology



Picture may vary.

## Technical Data

| Article no.   | EST123-C31-SUB SA   |  |
|---|---|--|
| Max. system voltage   | U <sub>m</sub> (kV)   | 123                                    |
| Type Termination  | dry-insulated, supported, for substations, with surge arrester (EST-SUB SA) |  |
| Applicable standards  | IEC 60840, IEC 60815  |  |
| Rated lightning impulse withstand voltage BIL                     | (kV)  | 550                                    |
| Conductor cross section   | (mm <sup>2</sup> )  | 150 - 2500                             |
| Diameter over cable insulation - prepared                         | (mm)  | 46.0 - 114.5                           |
| Minimum creepage distance   | (mm)  | 3075                                   |
| Min. arcing distance  | (mm)  | 986                                    |
| Applied standard for the integrated surge arrester                | IEC 60099   |  |
| Rated voltage U <sub>r</sub> of the integrated surge arrester     | (kV)  | 96 - 114 kV available in steps of 3 kV |
| Nominal discharge current of the integrated surge arrester        | (kA)  | 10 or 20                               |
| Line discharge class of the integrated surge arrester             | SM or SH<br>3 or 4  |  |
| Max. rated short circuit current of the integrated surge arrester | (kA)  | 63                                     |