

EST145-C45 SUB SAC

Cable termination and surge arrester in one

With the IXOSIL EST SUB SA/C, the surge arrester serves as a fixing point for the cable termination at the same time. No additional supporting elements are necessary. The cable connection and surge arrester are installed independently of each other.

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



Picture may vary.

Technical Data

Max. system voltage		145
Type of cable termination		dry, self supporting, for substations, with surge arrester for coiled earth grid
Applied standard		IEC 60840:2011, IEC 60815:2008
Rated lightning impulse withstand voltage BIL	(kV)	650
Conductor cross section	(mm ²)	240 - 2500
Diameter over cable insulation	(mm)	46 - 115
Minimum creepage distance	(mm)	4495
Applied standard for the integrated surge arrester		IEC 60099
Rated voltage U_r of the integrated surge arrester	U_r (kV)	181
Continuous operating voltage U_c of the integrated surge arrester	U_c (kV)	145
Nominal discharge current of the integrated surge arrester	(kA)	10
High current impulse of the integrated surge arrester	(kA)	100
Long duration current impulse of the integrated surge arrester	(kA/ μ s)	1000/2000
Line discharge class of the integrated surge arrester		3
Max. rated short circuit current of the integrated surge arrester	(kA)	63
Specified energy withstand according to IEC 60099-4 of the integrated surge arrester	(kJ/kV U_r)	6,7