

3.4- FBX AREVA Switchgear:



EASY AND RELIABLE CABLING

Spacious cable connection compartments allow easy and reliable cabling with a choice of cable connection systems:

- Fully insulated
- Metal enclosed
- Partially insulated

Up to two connectors per phase can be accommodated within the switchgear profile.

A WIDE RANGE OF APPLICATIONS

FBX ring main units can be used in non-accessible or walk-in substations as part of secondary distribution networks, for example:

- Public power supply systems
- Wind farms
- Industrial areas
- Industry
- Buildings
- Infrastructure

TECHNICAL DATA				FBX
>> Rated voltage	kV	12	17.5	24
>> Rated lighting impulse withstand voltage	kV	75	95	125
>> Rated power frequency withstand voltage	kV	28	38(42)	50
>> Rated nominal current of busbar	A	630	630	630
>> Rated nominal current for cable feeders C	max. A	630	630	630
>> Rated nom. current for transf. feeders T1	max. A	200	200	200
>> Rated nom. current for transf. feeders T2	max. A	400	400	400
>> Rated short time withstand current 1 s	kA	16/20 ¹⁾	16/20 ¹⁾	20
>> Rated short time withstand current 3 s	kA	16/20 ¹⁾	16/20 ¹⁾	16 ¹⁾
>> Rated peak withstand current	kA	40/50	40/50	40/50
>> Rated making withstand current	kA	40/50	40/50	40/50
>> Rated frequency	Hz	50/60	50/60	50/60
>> Cable testing (DC) voltage 15min	kV	48	60	96
>> Rated filling pressure SF 6 C° at 20	MPa	0.03		