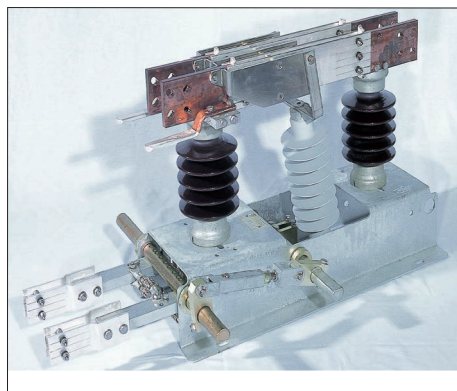


## Outdoor tilt disconnect switch

### TYPE SBE

Ur : 24 to 72,5 kV - BIL 125 to 325 kV - Ir ≤ 8000 A

Ik ≤ 80 kA - Ip ≤ 208 kA



### Applications

- Air disconnect switch, vertical-break moved by insulated transmission rod with contact pressure insured by springs.
- For railways and transmission and distribution applications.
- For outdoor use, horizontal, vertical or bottom-up installation.

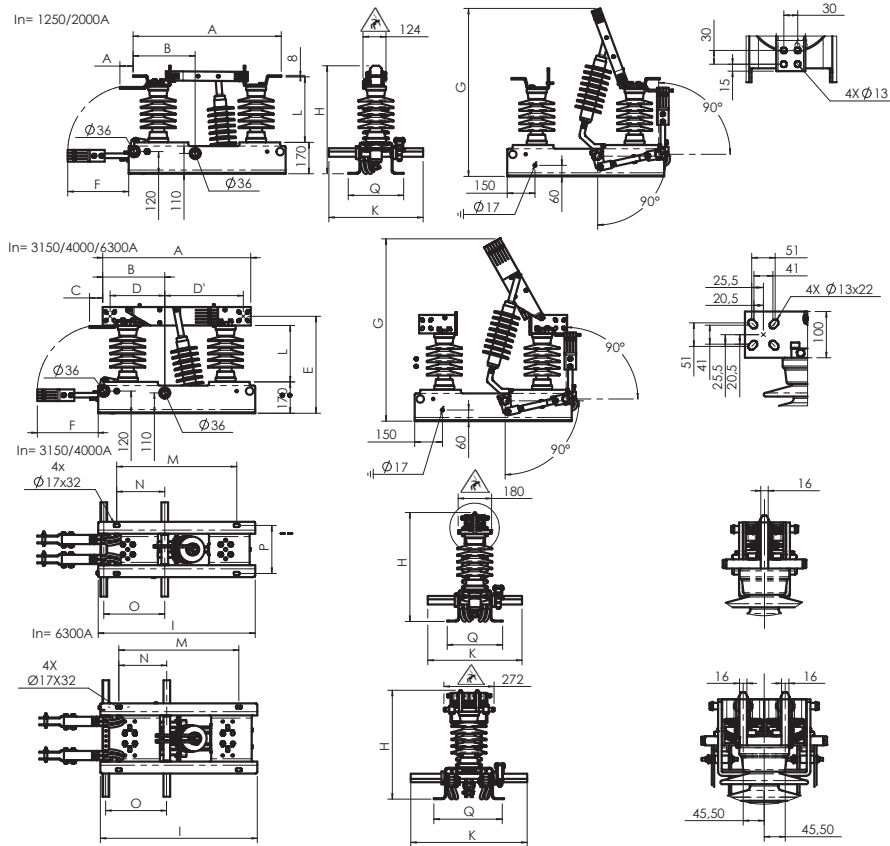
### Technical datas

- Dielectric withstand at 50/60 Hz for 1 minute (kV rms)
  - to earth 50 kV to 140 kV
  - accross isolating distance 60 kV to 160 kV
- Dielectric withstand rated lightning impulse withstand (1,2 / 50 μs)
  - to earth 125 kV to 325 kV
  - accross isolating distance 110 kV to 375 kV
- Porcelain insulators
  - minimum creepage distance 1300 mm (higher values upon request)
- Primary Terminals Copper pads
- Seismic withstand 0,2 g (higher values upon request)
- Ice operation 10 mm
- Mechanical endurance 2000 cycles
- Small current breaking capacity 0,5 A (higher values upon request)
- Weight per pole 80 kg

### Options

- Rated voltage 17,5 kV (BIL 95 kV) - 38 kV (BIL 200 kV)
- Available in grease free version
- Quick breaking device Capacitive (6A) or inductive (15A) current breaking
- Associated earthing switch
  - At hinge side, at stationery side, at both sides, automatic
  - Rated short-circuit withstand current : Ik same as disconnecter
- Interlocking device with other functions Key lock system, electrical (relays), electro-mechanical system (coils)
- Operating mechanism of disconnecter and associated earthing switch
  - Group operated or single pole operated, manual (MOM) or motorized (EOM)

### Outline drawing (Ur: 24 to 72,5 kV)



The drawing above is given for information only. Detailed layout available upon request.

Type	Rated voltage Ur	Rated current Ir	Ik	A	B	C	D	D'	E	F	G	H	I	J	K	L	M	N	O	P	Q	Weight (Kg)			
				mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	DS only	DS with ES
				SBE OUTDOOR TILT DISCONNECT SWITCH	24 kV	1250A	31,5 kA	800	335	70	/	/	/	330	910	585	850	510	510	355	650	260	330	260	300
2000A	31,5 kA	800	335			70	/	/	/	330	915	585	850	510	510	355	650	260	330	260	300	47	57		
3150A	63 kA	800	335			70	295	425	525	330	990	590	850	510	510	305	650	260	330	260	300	55	65		
4000A	63 kA	800	335			70	295	425	525	330	990	590	850	510	510	305	650	260	330	260	300	57	67		
6300A	63 kA	800	335			70	295	425	525	330	990	590	850	630	630	305	650	260	330	340	380	73	89		
25,8 & 36 kV	1250A	31,5 kA	950		360	70	/	/	/	505	1180	755	1000	630	630	525	800	285	355	260	300	53	64		
	2000A	31,5 kA	950		360	70	/	/	/	505	1185	755	1000	630	630	525	800	285	355	260	300	54	65		
	3150A	63 kA	950		360	70	295	550	695	505	1300	760	1000	630	630	475	800	285	355	260	300	63	73		
	4000A	63 kA	950		360	70	295	550	695	505	1300	760	1000	630	630	475	800	285	355	260	300	65	75		
52 kV	1250A	31,5 kA	1150		520	70	/	/	/	600	1420	850	1160	630	630	620	860	375	495	260	300	75	87		
	2000A	31,5 kA	1150	520	70	/	/	/	600	1425	850	1160	630	630	620	860	375	495	260	300	77	89			
72.5 kV	1250A	31,5 kA	1390	655	70	/	/	/	810	1810	1060	1435	630	630	830	1200	550	650	260	300	95	107			
	2000A	31,5 kA	1390	655	70	/	/	/	810	1815	1060	1435	750	630	830	1200	550	650	260	300	97	190			

For more performance, please consult us.

### General features

- Applicable IEC standards compliant
- Type tests reports available upon request