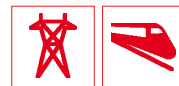
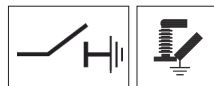


ST36001



OUTDOOR EARTHING SWITCH UP TO 100kV



MAIN FEATURES

- Used for power transmission and distribution (MV/HV substations, industries, SVC & Statcom substations), and for railway electrification (MV/HV substations).
- Arrangement in horizontal position, single-pole or group operated.
Option: induced current switching device. Exists in RTE homologated version.
- Standards references : IEC 62271-1/102

TECHNICAL FEATURES

SERVICE CONDITIONS

Condition of use	Outdoor
Operating temperature range	-25°C / +40°C (option: special service conditions)
Seismic withstand	≤ 0,2 g (option: higher service conditions)
Ice operation	10 mm (option: higher service conditions)

ELECTRICAL

Rated voltage	Ur	kV	72,5	100
Rated lightning impulse withstand voltage (BIL)	Up	kV	325	450
Rated frequency	f	Hz	16.7 - 50/60	
Short time current	Ik max	kA	31,5	
Breaking capacity				0,5A

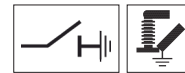
peak values (I_p peak) in kA for short time current: 31.5kA: 82.

MECHANICAL	standard	option
Mechanical endurance / lifetime	4 000 operations	-
Creepage distance	C13 (d)	C14 (e)
Insulator type	Porcelain (brown)	-
Primary terminals	Aluminium pads	-
Interlocking device	Mechanical (key lock)	-

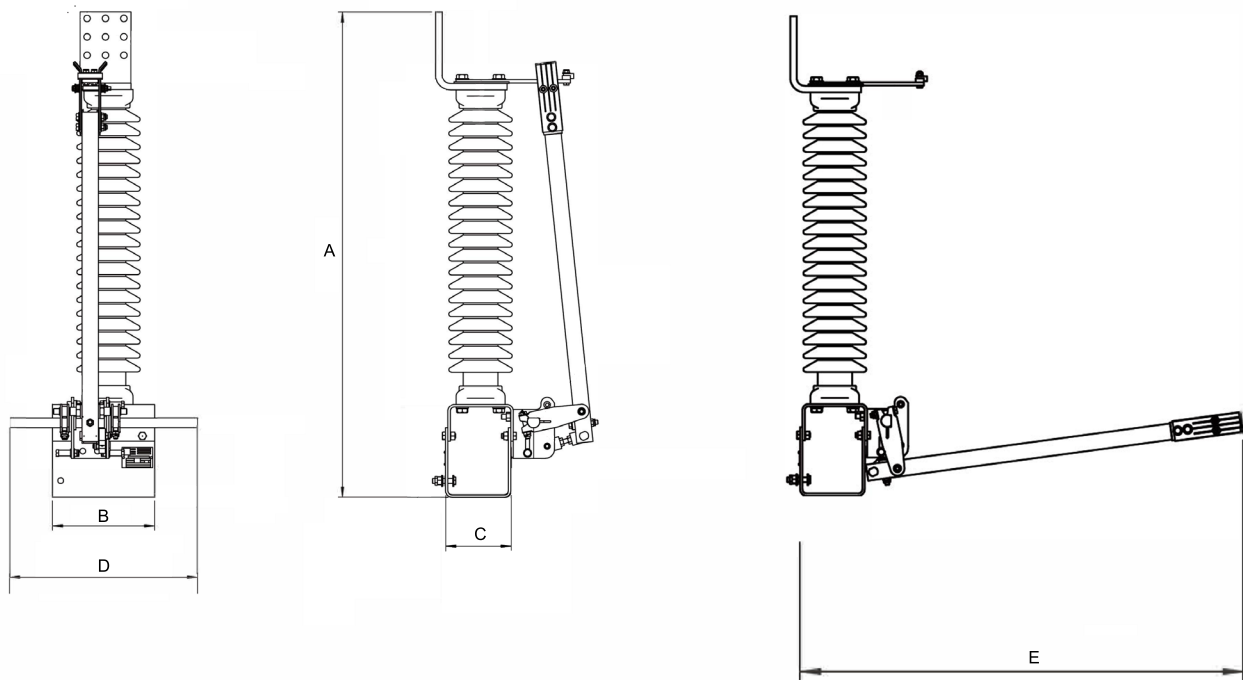
OPTIONAL DEVICES

Configurations	Single-pole or group operated. homologated version RTE
Operating mechanisms	Electrical drive or manual drive
Induced current switching	IEC 62271-102 Annexe B and §5.104

- Not available. For other values, please contact us.



OUTLINE DRAWING

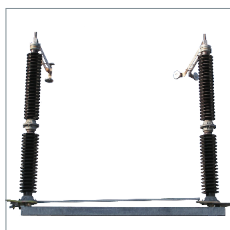


Detailed layout and digital drawing available on request.

Ur	Terminals	A	B	C	D	E	Weight/pole (approx.)
		mm	mm	mm	mm	mm	kg
72,5 kV	V	1190	250	160	460	1120	60
100 kV	V	1440	250	160	460	1370	80

* V = Vertical. H = Horizontal. Above are mentioned maximum dimensions, tolerance $\pm 10\%$. For other values, please contact us.

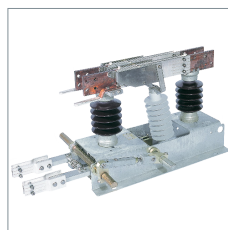
RELATED EQUIPMENT



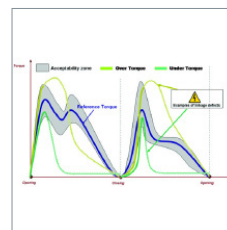
SR16200
CENTER BREAK
DISCONNECTOR



SR16201H
DOUBLE BREAK
DISCONNECTOR



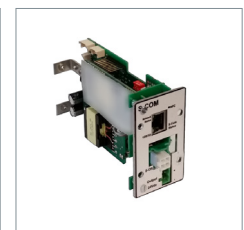
SBE
VERTICAL BREAK
DISCONNECTOR



S-TORQUE
MECHANICAL FAILURE
AND POSITION
DETECTION



S-OFT
PORTABLE
DIAGNOSTIC TOOL



S-COM
REMOTE CONTROL
BOARD