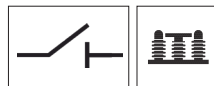
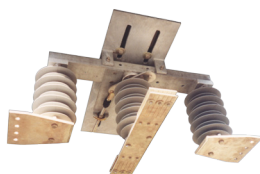


# SST25



## TUNNEL DOUBLE BREAK DISCONNECTOR SWITCH UP TO 25kV



### MAIN FEATURES

- Used in railway electrification for supply of tunnel catenaries.
- Arrangement in horizontal upside-down position, single-pole operated. Options: flexible drive rod for tunnel arrangement.
- Standards references: IEC 62271-1 -2 -102, EN 50152-2.

### TECHNICAL FEATURES

SERVICE CONDITIONS			
Condition of use	Indoor (in tunnel)		
Operating temperature range	-25°C / +40°C (option : special service conditions)		
Seismic withstand	≤ 0,2 g (option : special service conditions)		
Ice operation	NA		
ELECTRICAL			
Rated voltage	Ur	kV	<b>25</b>
Rated lightning impulse withstand voltage (BIL)	Up	kV	170
Rated frequency	Fr	Hz	16.7 - 50/60
Rated current	Ir	A	2500/4000
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

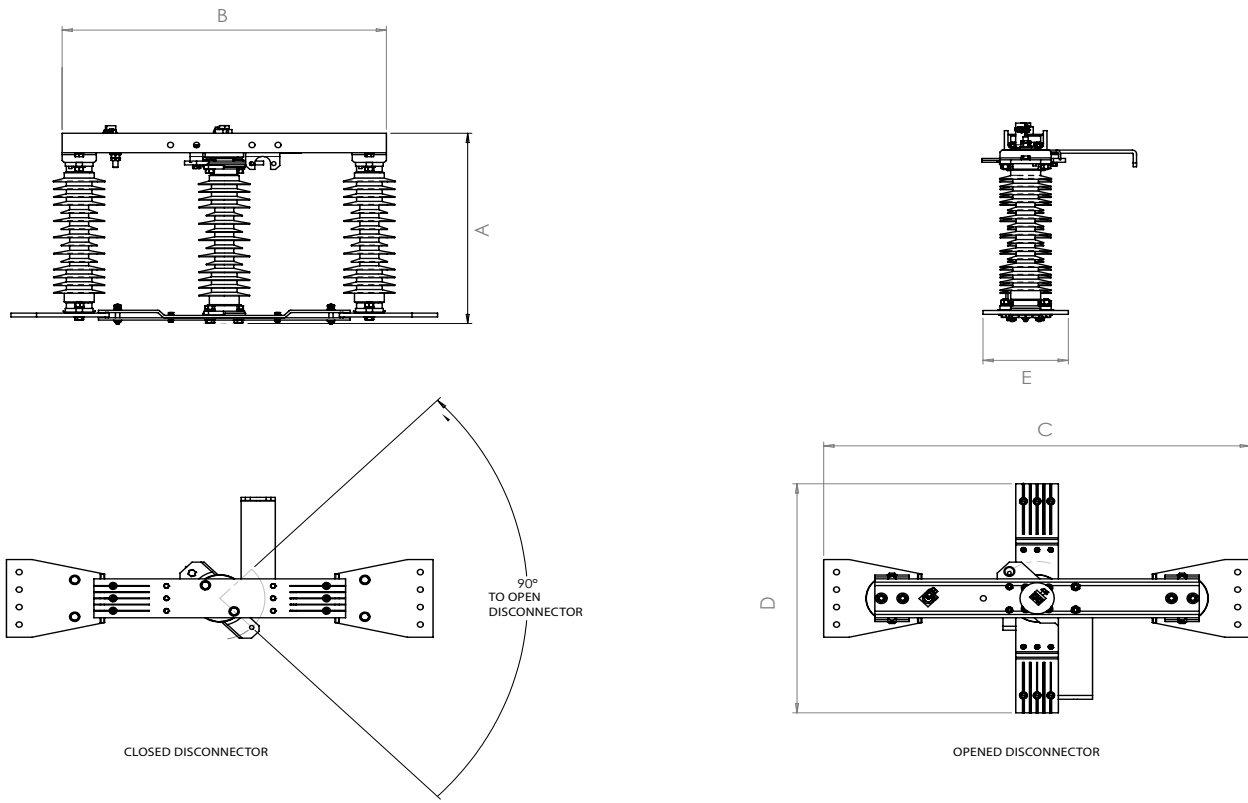
MECHANICAL	standard	option
Mechanical endurance / lifetime	2 000 operations	10 000 operations
Creepage distance	Cl3 (d)	Cl4 (e)
Insulator type	Silicone (grey)	-
Primary terminals	Silver plated copper pads	-

### OPTIONAL DEVICES

Configurations	Flexible drive rod for tunnel arrangement
Operating mechanisms	Electrical drive or manual drive

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

## OUTLINE DRAWING



Detailed layout and digital drawing available on request.

Ur	Ir max	Terminals	A	B	C	D	E	Weight/pole (approx.) kg
			mm	mm	mm	mm	mm	
25kV	2500A	H*	490	760	1000	590	200	40

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

## RELATED EQUIPMENT

SBI VERTICAL BREAK DISCONNECTOR	SR16201H DOUBLE BREAK DISCONNECTOR	MR41E UNIVERSAL SMART DRIVE	S-COM REMOTE CONTROL BOARD	S-VOLT VOLTAGE DETECTOR	S-TORQUE MECHANICAL FAILURE AND POSITION DETECTION