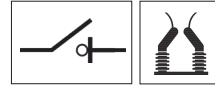
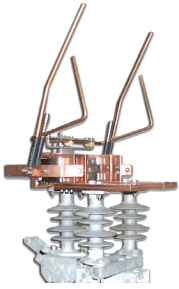


# ITC4000



## OUTDOOR AIR BREAKING SWITCH UP TO 3kV



### MAIN FEATURES

- Used for railway electrification of catenaries and feeders.
- Arrangement in horizontal position, single-pole or group operated.
- Standards references: IEC 62271-1, EN 50152-2, EN 50123-1, EN 50123-4

### TECHNICAL FEATURES

#### SERVICE CONDITIONS

<b>Condition of use</b>	Outdoor
<b>Operating temperature range</b>	-25°C / +40°C (option : special service conditions)
<b>Seismic withstand</b>	≤ 0,2 g (option : special service conditions)
<b>Ice operation</b>	1 mm (option : special service conditions)

#### ELECTRICAL

<b>Rated voltage</b>	Ur	kV	<b>750V</b>	<b>1,5</b>	<b>3</b>
<b>Rated lightning impulse withstand voltage (BIL)</b>	Up	kV	40kV (SIL 95kV)		
<b>Rated frequency</b>	Fr	Hz	DC		
<b>Rated current</b>	Ir	A	4000		
<b>Short time current</b>	Ik max	kA	50kA/3sec		

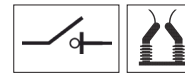
peak values ( $I_p$  peak) in kA for short time currents: 50kA: 130.

MECHANICAL	standard	option
<b>Mechanical endurance / lifetime</b>	2 000 operations	10 000 operations
<b>Creepage distance</b>	C13 (d)	C14 (e)
<b>Insulator type</b>	Silicone (grey)	Other
<b>Primary terminals</b>	Copper pads	Other

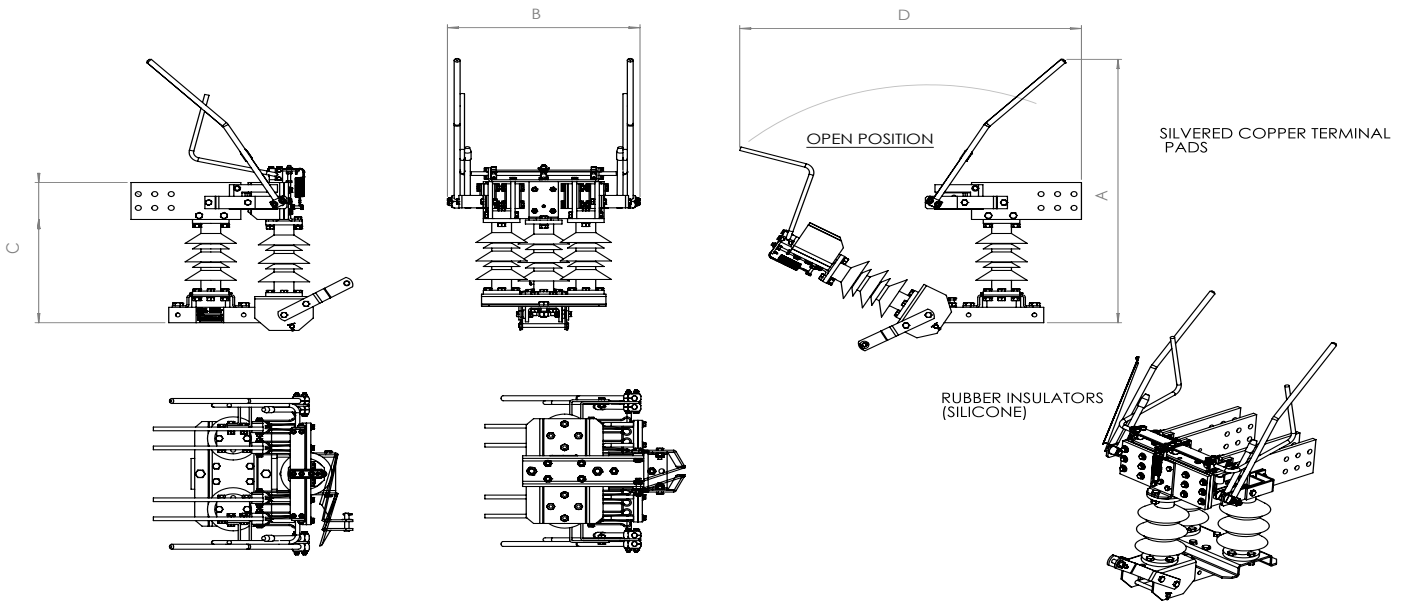
### OPTIONAL DEVICES

<b>Configurations</b>	Single pole or group operated, SNCF homologated version
<b>Operating mechanisms</b>	Electrical drive or manual drive
<b>Small current breaking and making device</b>	Available

For other values, please contact us.



## OUTLINE DRAWING

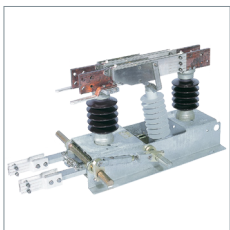


Detailed layout and digital drawing available on request.

Ur	Ir max	Terminals	A	B	C	D	Weight/pole (approx.)
			mm	mm	mm	mm	kg
3kV	4000A	H*	855	530	455	950	80

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

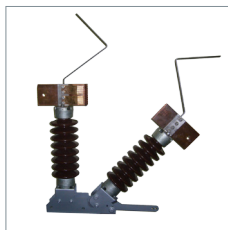
## RELATED EQUIPMENT



**SBE**  
VERTICAL BREAK  
DISCONNECTOR



**OVB**  
SELECTOR SWITCH



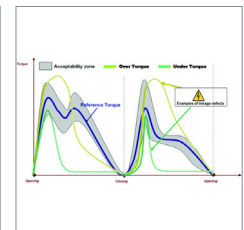
**SBR**  
ROCKING  
DISCONNECTOR



**S-COM**  
REMOTE CONTROL  
BOARD



**S-VOLT**  
VOLTAGE DETECTOR



**S-TORQUE**  
MECHANICAL FAILURE  
AND POSITION  
DETECTION