



Technical Data Sheet

Disconnecter SBE - 52 kV/2000 A

AT ITEM1 - 206474 REV 1

Main data

Type:	<i>SBE (Outdoor)</i>
Applicable Standards:	<i>IEC 62271-102</i>
Product approved by:	<i>0</i>
Ambient temperature (min/max)	<i>- 20°C / +45°C</i>
Altitude maximum (m):	<i>1750</i>
Wind (m/s):	<i>< 30</i>
Sismic Conditions:	<i>< 0.2 g</i>
Ice Conditions:	<i>< 10 mm</i>
Name plate(s) fixing	<i>-</i>

Electrical Data

Rated voltage (Ur):	<i>52 kV</i>
Lightning impulse withstand level - BIL (Up):	<i>250 kV</i>
Rated current (Ir):	<i>2000 A</i>
Short time withstand current (Ik / tk - Ip):	<i>31.5kA/3sec</i>
Nominal frequency (fr):	<i>50 Hz</i>
Insulator Data* :	<i>C4 - 250 - III</i> CD : 1300 mm
Material of the insulators:	<i>Porcelain (Brown)</i>
Small current breaking & making capacity:	<i>0.5 A</i>
Rated short circuit making current (Ima):	<i>0</i>
Making current under voltage 3kV:	<i>N/A</i>
Closing time of the quick making device (sec):	<i>N/A</i>
Additional electrical Components:	<i>----</i>

Mechanical Data

Mechanical endurance:	<i>2 000 cycles cycles</i>
HV terminal type:	<i>Tinned copper terminals</i>
Associated Earthing Switch (Ik / tk):	<i>1 per pole (31.5kA / 1sec)</i>
DS & ES mechanically interlocked:	<i>Yes</i>
Additional mechanical components:	<i>-</i>

* Insulators assembly: as per general conditions of our offer

Important note: This technical data sheet specifies our scope of supply.



Technical Data Sheet

Operating Mechanism T70

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Main data

Type:	T70
Applicable Standards:	-
Product approved by:	0
Ambient temperature (min/max)	0
Name plate(s) fixing	-

Electrical Data

Low Voltage (Power, Comm., Heating):	- / - / 230 Vac
Frequency (Power, Comm.):	0 / 0
Dielectric tests to be performed:	0
Minimum voltage:	-
Maximum voltage:	-
Protections (Power, Comm., Heating):	- / - / -
Auxiliary contacts:	4NO/4NC (Class 2)
Additional Relays:	-
Heating resistance:	Yes (with thermostat)
Electro-magnetic locking system	-
Information feedback in local position on:	
Information feedback in remote position on:	
Additional electrical Components:	---

Mechanical Data

Mechanical endurance:	2 000 cycles cycles
Grade of protection of cubicle:	IP43
Operating time:	0
Type of LV terminals:	with screws
Locking possibility of the door of cubicle:	-
Number of position of the mode selector:	-
Inside position indicator:	-
Additional mechanical components:	Key interlock device (key out of supply)

S-Solutions

Energy efficiency:	0
Securisation:	0
Predictive maintenance:	0

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