

Type of unit: -

Year of construction:

Serial number:

Customer:

Number of order:

Number.

of

1. Switchgear electrical characteristics

1)	Rated Voltage [Ur]		(kV)
2)	Service Voltage [Un]		(kV)
3)	Rated main busbar current [Ir]		(A)
4)	Rated short time withstand current [Isc]		(kA)
5)	Internal Arc Withstand [IAC]: <input type="checkbox"/> IP30 No IAC <input type="checkbox"/> 12.5 kA/1s Downstream <input type="checkbox"/> 16 kA/1s Downstream <input type="checkbox"/> 16 kA/1s Upstream <input type="checkbox"/> 21 kA/1s Upstream		
6)	Peak current [Ip]:		(kA)
7)	Insulation (50Hz/1 min) [Ud]:		(kV)
8)	Impulse withstand voltage (1.2/50 μs) [Up]:		(kV)

2. Tests and Verifications

No	Descriptions	Inspection	Result	Notes
1)	Visual inspection and check of dimensions	<input type="checkbox"/>	-	
2)	Mechanical operation tests	<input type="checkbox"/>	-	
3)	Check and test interlocking	<input type="checkbox"/>	-	
4)	Electrical logic operation and wiring test	<input type="checkbox"/>	-	
5)	Random pull by hand mechanical test for the wiring of the LV compartment	<input type="checkbox"/>	-	
6)	Mechanical 2 nd earthing switch contact force test (20 ±5 Nt)	<input type="checkbox"/>	-	
7)	Measurement of ohmic resistance of the earthing switch [mV]	<input type="checkbox"/>	-	
8)	Check of the low voltage circuits according to the drawing (MCBs, Button, lamps ...)	<input type="checkbox"/>	-	
9)	Check of the shunt opening release of the CB	<input type="checkbox"/>	-	
10)	Check of the motor of the CB	<input type="checkbox"/>	-	
11)	Check of the shunt closing release of the CB	<input type="checkbox"/>	-	
12)	Check of the spring charge	<input type="checkbox"/>	-	
13)	Check of the under voltage coil of the CB	<input type="checkbox"/>	-	
14)	Check of the anti-pumping relay	<input type="checkbox"/>	-	
15)	Check fuse trip function on fuse-disconnector	<input type="checkbox"/>	-	
16)	Dielectric test on the Low Voltage compartment (50Hz@1s, 1kV)	<input type="checkbox"/>	-	
17)	Check of the voltage transformers	<input type="checkbox"/>	-	
18)	Check of the current transformers - Check winding direction	<input type="checkbox"/>	-	
19)	Check of the current transformers - Check CT ratio	<input type="checkbox"/>	-	
20)	Check multimeters, analyzers (measurement devices)	<input type="checkbox"/>	-	
21)	Check and test the protection relay	<input type="checkbox"/>	-	
22)	Check and test the continuity of the earthing circuit	<input type="checkbox"/>	-	
23)	Power frequency voltage insulation test of main circuits (50Hz@1min, 50kV)	<input type="checkbox"/>	-	
24)	Test of the tripping times of the complete equipped CB according order configuration and documents.	<input type="checkbox"/>	-	
25)	Check of the voltage indicator circuits	<input type="checkbox"/>	-	
26)	Voltage indicators' ignition measurement	<input type="checkbox"/>	-	
27)	Verification of the IP Protection	<input type="checkbox"/>	-	
28)	Installation of the labels "Hazard"	<input type="checkbox"/>	-	
29)	Check of the delivery accessories (fuses, keys, manuals drawings etc).	<input type="checkbox"/>	-	

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3. Main Equipment

Current Transformers or Current sensors		Voltage Transformers	
CT1 <input type="checkbox"/>	S/N:	VT1 <input type="checkbox"/>	S/N:
CT2 <input type="checkbox"/>	S/N:	VT2 <input type="checkbox"/>	S/N:
CT3 <input type="checkbox"/>	S/N:	VT3 <input type="checkbox"/>	S/N:
<input type="checkbox"/> Switch Disc.	Type: -	S/N of the Switch Disc.:	
<input type="checkbox"/> C.B. + Switch Disc.	Type: -	S/N of the C.B. + Switch Disc.:	
Type of the key :			
Tubular			
<input type="checkbox"/> Interlocking	Type of the key: -	S/N Key:	
<input type="checkbox"/> Protection Relay	Type : -	S/N:	
<input type="checkbox"/> surge arresters	Type : -	<input type="checkbox"/> MV Fuses	Rated current: -
<input type="checkbox"/> Motor for the spring charge	Voltage: -	<input type="checkbox"/> shunt closing release	Voltage: -
<input type="checkbox"/> shunt opening release	Voltage: -	<input type="checkbox"/> under voltage coil	Voltage -
<input type="checkbox"/> shunt opening release 2	Voltage: -		
<input type="checkbox"/> Counter	<input type="checkbox"/> Heating Resistor 230VAC		
<input type="checkbox"/> Analyzer	Type :	S/N :	
<input type="checkbox"/> Voltage Indicators	Type :		

4. Remarks

Check Date: Click or tap to enter a date.

For the company.

For the customer

Responsible for the QC

