

FBX Routine Test Report



Date : 06/10/2010

<u>Customer :</u>		<u>Rated value :</u>	
Customer order :	1009-11	Number of standard	IEC 62271-200
Final customer :	ENERTIS s r.o.	Voltage (kV)	25
		Operating current outgoing (A)	630
		Frequency (Hz)	50
		Withst. Impulse voltage (kV)	125
		Short-time withstand c.(kA)	20
		Short circuit duration (sec.)	1
		Withst. power frequency volt. (kV)	50
		Elec. endurance class	E2
		Rated filling pressure (MPa)	0.03
		Alarm pressure (MPa)	0.02
		Min. functional pressure (MPa)	0.02
		SF6 mass (kg)	1.8
		Internal arc classification	AF 20kA 1s
<u>Equipment :</u>			
Contract number :	S000012699		
Configured article :	AMT005487/01269901		
Type designation :	FBX-E/25-20/C-C		
Serial number :	FBX--1040127/AMT		

Low voltage auxiliary circuits supply voltage :

Feeder n°	1	2	3	4	5
Motor voltage					
Coil n°1 voltage					
Coil n°2 voltage					

Tests passed acc. to IEC

Power frequency high voltage test on main circuit (IEC 62271-200/7.1)

Dielectric test on auxiliary and control circuits (IEC 62271-200/7.2)

Measurement of the resistance of the main circuit (IEC 62271-200/7.3)

Partial discharge test (IEC 62271-200/7.101)

Mechanical operation test (IEC 62271-200/7.102)

Gas tightness test of gas-filled compartments (IEC 62271-200/7.4)

Test of the auxiliary electrical devices (IEC 62271-200/7.104)

Verification of correct wiring (IEC 62271-200/7.104)

Test of the capacitiv voltage indication system (IEC 61243-5 / IEC 61958)

Operation test of interlocks (IEC 62271-200/7.102)

Operation test of control, metering, indicating and protection systems (IEC 62271-1)

Routing test of circuit breakers (IEC 62271-100/7)

Verification of the degree of protection (IEC 60529)

The inspection mark located in front of the cubicle attests good execution of the tests.

Valid without signature

T&D

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