

Impulse Voltage Test System



Technical Questionnaire

Customer Information

Name: _____

Company: _____

Tel: _____

Email: _____

Test Objects: _____

Required Data

Total charging voltage: _____ kV

Total charging energy: _____ kJ

Technical Data

Capacitive test objects-lightning impulse voltage

Load case	Impulse (IEC 60060-1)	Peak value	Chopping time (if required)	Capacitance of the test object From...to...
	μs/μs	kV	μs	nF
1				
2				
3				

Capacitive test objects-switching impulse voltage

Load case	Impulse (IEC 60060-1)	Peak value of the impulse voltage		Capacitance of the test object From...to...
		Positive polarity	Negative polarity	
	μs/μs	kV	kV	nF
1				
2				
3				

Inductive test objects(transformer tests)-lightning impulse voltage

Load case	impulse	Peak value	Chopping time	Transformer data			Coil data			
				phases	Circ.	Freq.	Nom. Volt.	Nom. power	Imped. Volt.	Cap.of the coil
	μs/μs	kV	μs	1/3	Y/Δ	Hz	kV	MVA	%	nF
1										
2										
3										

Inductive test objects(transformer tests)-switching impulse voltage

Load case	impulse	Peak value	Transformer data			Coil data			
			phases	Circ.	Freq.	Nom. Volt.	Nom. power	Imped. Volt.	Cap.of the coil
	μs/μs	kV	1/3	Y/Δ	Hz	kV	MVA	%	nF
1									
2									
3									

Digital Transient Measuring System

Sampling rate 100MHz, resolution 14 bit
 Sampling rate 200MHz, resolution 12 bit
 Number of channels 2 4

Controlled Resistive Lightning Impulse Voltage Divider

Yes No
 Voltage: _____kV

Chopping Gap (required for transformer tests)

Yes No

Supply Conditions(for the feeding of the impulse test system)

Mains voltage(low-voltage mains) ____/____V
 Mains frequency ____Hz
 Star point earthed Yes No

Other requirements:

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For further information please contact:

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