

**TECHNICAL QUESTIONNAIRE 8.101/3
Resonant Test System with Variable Frequency**

quotation number
(will be filled in by HIGHVOLT)

PERSONAL DATA

name: *

company / institution: *

phone:

e-mail: *

fax:

** mandatory fields***OPERATION**

on-site

HV lab or test field

APPLICATION

cable testing

commissioning tests of land cables

tests of long submarine cables

prequalification tests

GIS testing

connection to GIS via bushing

reactor flanged-mounted to GIS

universal purposes

other test objects:

AMBIENT CONDITIONS

outdoor at fair weather

indoor

The default temperature range is +5 ... +40 °C for operation and -10 ... +50 °C for storage and transportation. The max. altitude over sea level is 1000 m. Deviating requirements can be defined in the additional questionnaire 0.101/2.

REQUIRED OUTPUT VOLTAGE RANGE

max. output voltage: kV

min. output voltage: kV

for which the requirements of IEC 60060-1 concerning the voltage shape, the voltage raise speed and the adjustment accuracy must be fulfilled.

REQUIRED LOAD CASES

load case	test voltage	capacitance of the test object		permissible frequency range		load cycle		daily load cycles
		min.	max.	min.	max.	ON	OFF	
	kV	nF	nF	Hz	Hz	min	min	
1.								
2.								
3.								
example	160	200	1000	20	300	30	30	6

CONTROL

basic control computer-aided measuring control and evaluation system

PD MEASURING SYSTEM

yes no

SUPPLY CONDITIONS (for the feeding of the WRV test system)

		low-voltage mains	
low-voltage mains voltage	V		(phase-to-neutral / phase-to-phase)
frequency	Hz		

ERECTION, COMMISSIONING, TRAINING SHALL BE OFFERED

erection, commissioning yes no
 training of client's staff yes no

SPACE FOR REMARKS

For further information please contact:

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