

TYPE TEST SCHEDULE - TESTS

Test	Procedure	Readings	Test criteria
Start heating test (no-load measurement)	Measurement of cold resistance using resistance measuring bridge	Recording reading for later use	Comparison with calculated values
	Transformer power supply with the appropriate voltage in accordance with tapping	Measurement of voltage, recording temperatures of iron core and windings by using recorder	Stabilisation of the temperature below specification
End heating test (no-load measurement)	Measurement of winding resistance using resistance measuring bridge for 12 minutes every 30 seconds after shutdown	Recording reading for later use	Guaranteed values of temperatures
Start heating test (Short circuit measurement)	Short circuit of low voltage side, transformer power supply from the high voltage side with the appropriate voltage in accordance with tapping	Measurement of current, recording of temperatures of iron core and windings by using recorder	Stabilisation of the temperature below specification
End heating test (short circuit measurement)	Measurement of winding resistance using resistance measuring bridge for 12 minutes every 30 seconds after shutdown	Calculation of change in resistance to determine heating Entry of readings into the test log	Heating less than specified standards
Noise measurement	Transformer power supply with rated voltage in the test room. Measurement of noises at 1 m interval with calibrated sound meter. Recording of spectrum.	Entry of readings into the test log	Readings less than specified standards
Surge voltage test	Transformer shock using surge voltage in accordance with the specified norm	In accordance with the specified norm	Passing the test, recording the shock sequence