

Specification

3 MV impulse voltage test system

Generator dedicated to short-length sample tests, but it is also possible that the system can be used to perform type tests of AC cable systems, therefore longer cable sample lengths and their load must also be taken into account.

Quite critical data regarding planned capacitances are assumed - range from about 2.0 nF to about 60.0 nF.

According to IEC 60071 for 750 kV cables, the maximum test values of impulse voltages are:

SI - 1550 kV

LI - 2100 kV

According to IEC 60071, the maximum levels of impulse voltages are:

SI - 1950 kV

LI - 2700 kV

Additionally, spare parts (sets of resistors) must be included to ensure the correct system configuration.