

**Impulse voltage test according to SP-method 1618:**

The impulse voltage test according to EN 50470-1, clause 7.3.3 or EN 62052-11, clause 7.3.2 is supplemented with a test with higher severity:

Impulse voltage, 12 kV peak value. Standardised waveform 1,2/50  $\mu$ s with a source impedance 40 ohm, source capacitance 0,125  $\mu$ F and stored energy 9 Joule (number of pulses and time between pulses as 5.4.6.2).

The impulse voltage is applied between all phases, one at a time and neutral, and between phases in all combinations.

Auxiliary circuits specified for connection to mains voltage are during the test connected to the mains terminals. Terminals not under test are left open.