



NNB-4/63TL

- **Fourline-V-LISN Type NNB-4/63TL**

The Fourline-V-LISN, Type NNB-4/63TL, is suitable for the normative measurement of unsymmetrical interference voltages at high power levels. The LISN is manufactured according CISPR-16 and VDE 0876 part 1. Next to the fourline LISN it also contains a complete twoline V-LISN with a switchable artificial PE 50 Ohm // 50 μ H and an artificial hand 220 pF + 510 Ohm.

Interference-free fans are cooling the unit, causing a forced air circulation. The LISN can be remote controlled by TTL signals via the 9 pin Sub-D connector at the backpanel. It is free of choice, which path is to be measured. All other paths, which are actually not measured, will be connected to ground with the correct impedance value. The frequency variation at the output is compensated. All common receivers and spectrum analyzers with 50 Ohm input impedance can be connected. The LISN is fully traceable calibrated in respects of impedance and the insertion loss on the way from the DUT to the output connector.

Frequency range	9 kHz ... 30 MHz (jumper adjustable 150 kHz ... 30 MHz)
Simulation impedance	50 Ohm // 50 μ H
Operation current	4 x 63 A
Operation voltage	400 V; DC ... 63 Hz
Insertion loss	< 2 dB
Attenuator	10 dB +/- 1 dB (switchable)
Limiter	136 dB μ V (switchable)
Artificial hand	gem. CISPR 16-1 (510 Ohm + 220 pF)
Artificial PE	50 Ohm // 50 m H (switchable)
Net attenuation	> 40 dB typ.
Impedance	50 Ohm nominal
Decouplingfilter	7.5 kHz highpass
Size (WxLxH)	(450x450x350) mm
Weight	ca. 24 kg
Warranty	24 months