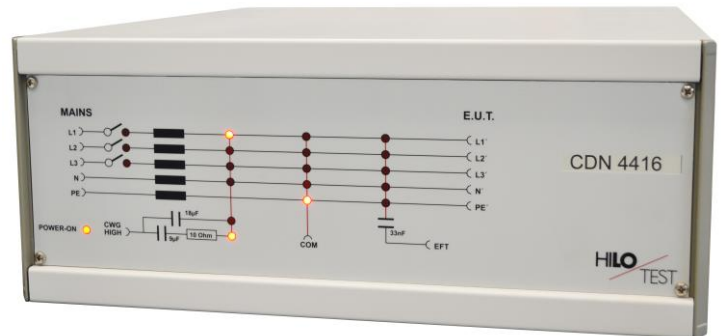


Coupling-/Decoupling Network

CDN 4432 / 6432 / 10432 / 12432

3* 400 V / 32 A
Surge: 5.0 / 7.0 / 10 / 12kV, 1.2/50 μ s
2.5 / 3.0 / 5.0 / 6.0kA, 8/20 μ s
Burst: 5.0 kV, 5/50 ns



The capacitive Coupling-/Decoupling Networks CDN 4432/6432/10432/12432 are used in combination with the CE-Tester or the Surge generators PG 7-250, PG 10-504, PG 12-804 and allow superimposition of surge and burst test pulses to the 3-phase mains voltage of the device under test.

The test set-up is suitable for surge immunity testing of electronic systems and devices according to IEC 61000-4-4, IEC 61000-4-5 and IEEE 587.

The CDN 4432/6432/10432/12432 contains the coupling impedances 18 μ F and 9 μ F + 10 Ω for the surge generator and 33 nF for the burst generator and the decoupling impedances for the 3-phase power supply lines.

Coupling mode can be selected from the front panel of the generator. Remote control commands are transmitted from the generator to the Coupling-/Decoupling Network by use of an optical link.

Technical specification:	CDN 4432 / CDN 6432 / CDN 10432 / CDN 12432
Nominal voltage	3 * 400 V, 50/60 Hz
Nominal current AC/DC	32A \approx /20A \approx
Series inductors to the mains power supply	4 * 2.5 mH +160 μ H/32 A
max. test voltage Surge, 1.2/50 μ s:	5.0 kV / 7.0 kV / 10 kV / 12 kV
max. test voltage Burst, 1.2/50 μ s:	5.0 kV, 5/50 ns
Coupling impedance for the surge generator	18 μ F / 9 μ F + 10 Ω
Coupling impedance for the burst generator	33 nF
Coupling mode, selectable, for the surge generator	line to line via 18 μ F or
Coupling mode, selectable, for the burst generator	line to ground via 33 nF
Mains power	230 V , 50/60 Hz
Dimensions: desk top case W * H * D	471*156*520 mm ³ / 453*320*520 mm ³
Weight	48 kg / 90 kg
Option:	
Nominal voltage	3 * 690 V, 50/60 Hz