COUPLING-/DECOUPLING NETWORK

CDN 5416B/ 5432B

Main	**3* 400 V / 16 A**
Burst	**5.0 kV, 5/50 ns**

According to
IEC 61000-4-4

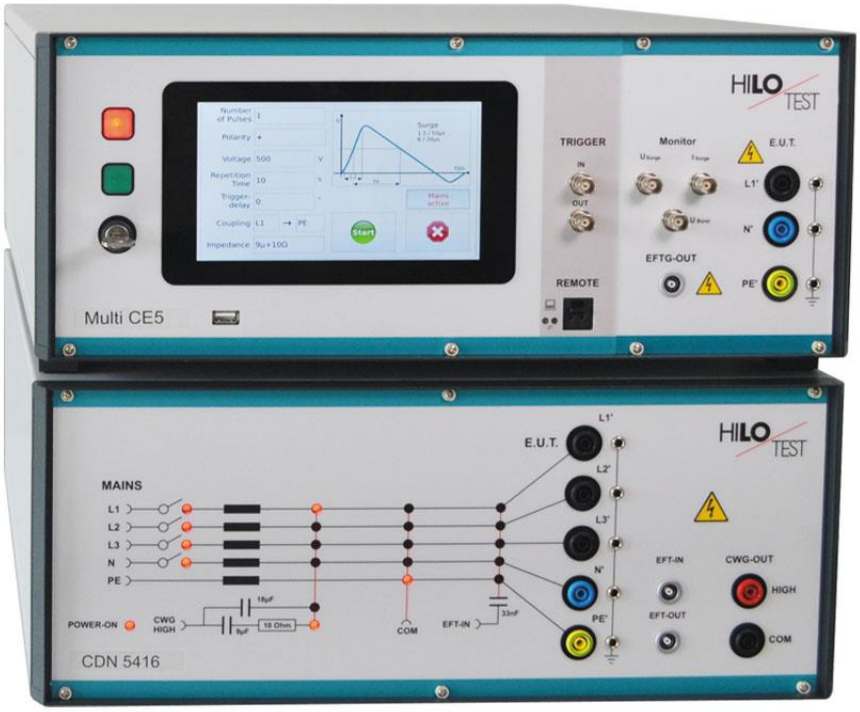
The capacitive Coupling-/Decoupling Network CDN 5416B/32B is used in combination with a BURST Generator CE-EFTG or the Multi-CE and allows superimposition burst test pulses to the 3-phase mains voltage of the device under test.

The test set-up is suitable for surge immunity testing of electronic systems and devices according to IEC 6000-4-4

The CDN 5416B/32B contains the coupling impedance 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 a control cable.

Typical configurations:
Multi CE5 1 + CDN 5416B: for 3-phase testing



TECHNICAL SPECIFICATIONS	CDN 5416B	CDN 5432B
Coupling-/Decoupling Network for power supply lines	L1, L2, L3, N, PE	
Nominal voltage, nominal current ac/dc	3*400 V, 16 A≈ / 10 A=	3*400 V, 32 A≈ / 20 A=
max. test voltage	5 kV, 5/50 ns	
Coupling impedance for the burst generator	33 nF	
Coupling mode, selectable, for the burst generator	line to ground via 33 nF	
Burst Input	Fischer	
Mains power	90V - 264V, 50/60 Hz	
Dimensions: desk top case W * H * D	450*180*500 mm^3	
Weight	25 kg	35 kg