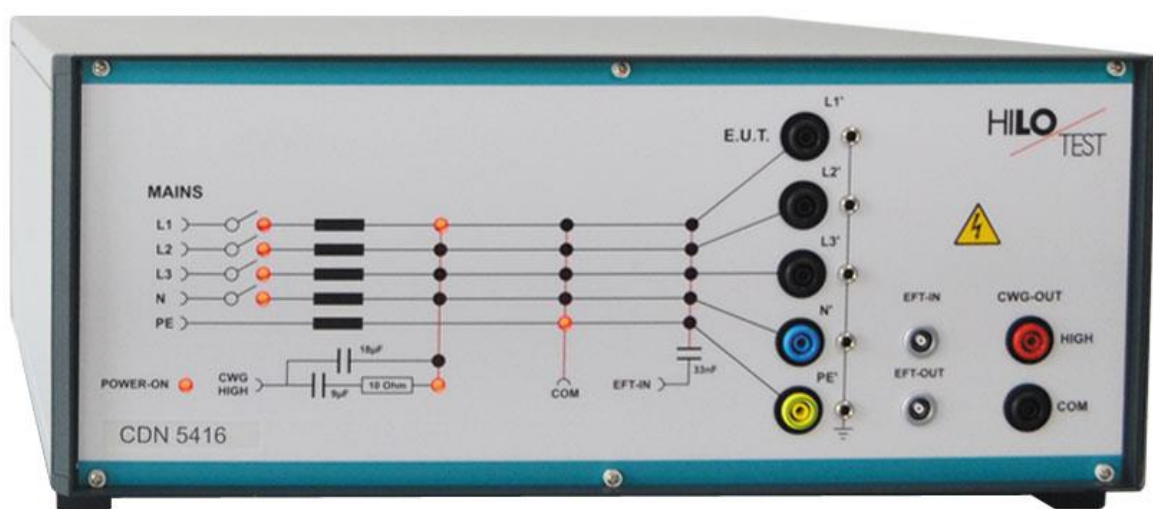


Coupling-/Decoupling Network CDN 5416 / 7416 / 10416 / 12416

Main	3* 400 V / 16 A
Surge	1.2/50 μ s: 5.0 / 7.0 / 10 / 12kV
	8/20 μ s: 2.5 / 3.0 / 5.0 / 6.0kA
Burst	5.0 kV, 5/50 ns



According to
IEC 61000-4-4
IEC 61000-4-5
IEEE 587

The capacitive Coupling-/Decoupling Networks CDN 5416/ 7416/ 10416/ 12416 are used in combination with the Multi CE5 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. The CDN 5416/ 7416/ 10416/ 12416 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 a control cable.

Sales Partner:



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



Technical specification:	CDN 5416	CDN 7416	CDN 10416	CDN 12416
Nominal voltage	3 * 400 V, 50/60 Hz			
Nominal current AC/DC	16 A _≈ / 10 A ₌			
Series inductors to the mains power supply	<1.5 mH + >100 μH			
max. test voltage Surge, 1.2/50 μs:	5.0 kV	7.0 kV	10 kV	12 kV
max. test voltage Burst, 5/50 ns:	5.0 kV			
Coupling impedance for the surge generator	18 μF 9 μF + 10 Ω			
Coupling impedance for the burst generator	33 nF			
Coupling mode, selectable, for the surge generator	line to line via 18 μF or line to ground 9 μF + 10 Ω			
Coupling mode, selectable, for the burst generator	line to ground via 33 nF			
Impuls Synchronisation	Mains, Extern			
Burst Input	Fischer			
Surge Input	4 mm Bush			
Mains power	90V - 264V , 50/60 Hz			
Dimensions: desk top case W * H * D	450*180*500 mm ³		450*310*500 mm ³	
Weight	30 kg		58 kg	
Option:				
Nominal voltage	3 * 690 V, 50/60 Hz			

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