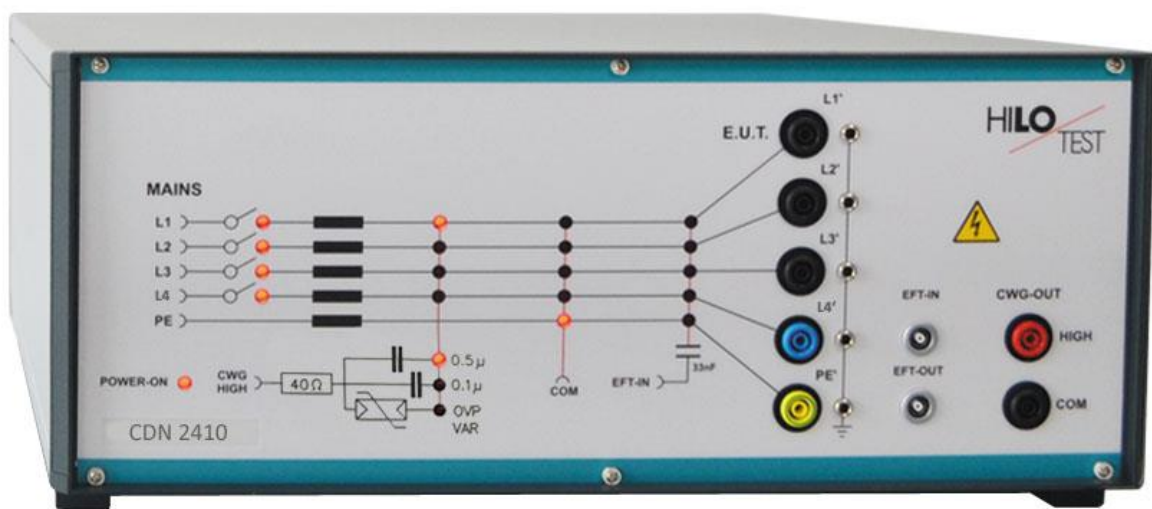


# Coupling-/Decoupling Network CDN 2402 / 2410

<b>Main</b>	<b>48V / 240 V 6A AC/DC</b>
<b>Surge</b>	<b>1.2/50 <math>\mu</math>s: 2.5 kV</b>
<b>Burst</b>	<b>5/50 ns: 2.5 kV</b>



<b>According to</b>
<b>IEC 61000-4-4</b>
<b>IEC 61000-4-5</b>
<b>IEEE 587</b>

The capacitive Coupling-/Decoupling Networks CDN 2402/2410 are used in combination with the CE-TESTER and allows superimposition of surge and burst test pulses to up to four I/O signal lines.

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 2402/2410 contain the coupling impedances 0.1  $\mu$ F/ 0.5  $\mu$ F/ Varistor + 40 $\Omega$  for the surge generator and 33 nF for the burst generator and four decoupling impedances L=20 mH.

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 2410: for testing I/O lines L1, L2, L3, L4, PE



Technical specification:	CDN 2402	CDN 2410
Coupling-/Decoupling Network for I/O lines	L1, L2, L3, L4, PE	
Nominal voltage AC/DC	48 V=	240 V
Nominal current AC/DC	4 A=	6 A= / 10A≈
max. test voltage Surge, 1.2/50 μs:	<b>2.5 kV</b>	
max. test voltage Burst, 5/50 ns:	<b>2.5 kV</b>	
Coupling impedance for the surge generator	0.1 μF / 0.5 μF + 40 Ω Varistor + 40Ω	
Coupling impedance for the burst generator	33 nF	
Coupling mode, selectable, for the surge generator	line to line via 0.1/0.5 μF or line to ground via 0.1/0.5 μF	
Coupling mode, selectable, for the burst generator	line to ground via 33 nF	
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 <sup>3</sup>	
Weight	15 kg	25 kg