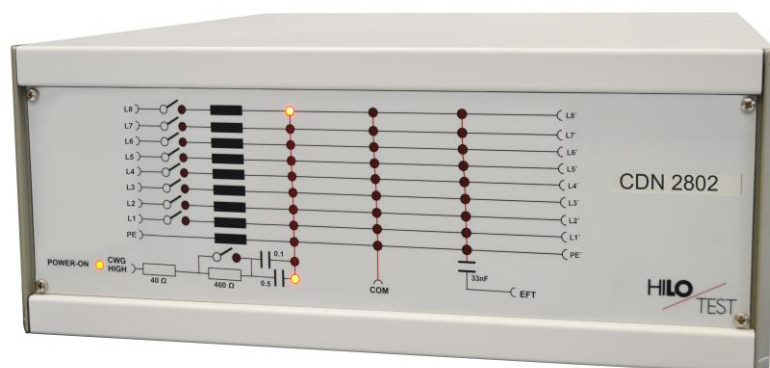


Coupling-/Decoupling Network CDN 2802

Surge: 2 kV, 1.2/50 μ s
Burst 2 kV , 5/50 ns



The capacitive Coupling-/Decoupling Network CDN 2802 is used in combination with the CE-TESTER and allows superimposition of surge and burst test pulses to up to eight I/O signal lines.

The test set-up is suitable for surge immunity testing of electronic systems and devices according to IEC 61000-4-4:2012, IEC 61000-4-5:2014 and IEEE 587.

The coupling-/decoupling impedance of CDN 2802 can be switched to:

- for surge impulse: 0.1 μ F / 0.5 μ F + 40 Ω / 500 Ω , decoupling inductance 20 mH.
Optionally can be installed for 0.1 μ F a Varistor 48V
- for burst impulse : 33 nF, decoupling inductance 100 μ H.

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

As an alternative a varistor can be used instead of 0.1 μ F coupling capacitor.

Technical specification:	CDN 2802
Coupling-/Decoupling Network for four I/O lines	L1 - L8, PE
Nominal voltage	48 V=
Nominal current ac/dc	2 A =
max. test voltage	2 kV, 1.2/50 μ s 2 kV, 5/50ns
Coupling impedance for the surge generator	0.1 μ F / 0.5 μ F + 40 Ω / 500 Ω
Coupling impedance for the burst generator	33 nF
Coupling mode, selectable, for the surge generator	line to line via 0.1/0.5 μ F
Coupling mode, selectable, for the surge generator	line to ground via 0.1/0.5 μ F
Coupling mode, selectable, for the burst generator	line to ground via 33nF
Mains power	230 V , 50/60 Hz
Dimensions: desk top case W * H * D	450*180*520 mm ³
Weight	20 kg