

# COUPLING-/DECOUPLING NETWORK

## CDN 4425

3 \* 400V / 16 A

**Burst:**

4.5 kV, 5/50 ns



The capacitive Coupling-/Decoupling Network CDN 4425 is used in combination with a BURST Generator EFTG 4510 or the CE-TESTER 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, EN 61000-4-4

The CDN 4425 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 Burst Generator EFTG 4510 or the CE-TESTER. Remote control commands are transmitted from the generator to the Coupling-/Decoupling Network by use of an optical link.

**Technical specification:**

**CDN-4425**

Coupling-/Decoupling Network for power supply lines	L1, L2, L3, N, PE
Nominal voltage, nominal current	ac/dc
max. test voltage	3*400 V, 25 A <sub>rms</sub> / 20 A =
Coupling impedance for the burst generator	4.5 kV, 5/50 ns
Coupling mode, selectable, for the burst generator	33 nF
	line to ground via 33 nF
Mains power	230 V, 50/60 Hz
Dimensions: desk top case	W * H * D
Weight	471*156*520 mm <sup>3</sup>
	25 kg