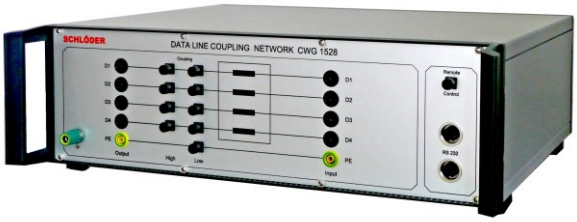
SCHLÖDER
PROFESSIONAL EMC EQUIPMENT

CWG 1528

Coupling Network Surge

IEC / EN 61000-4-5

- 4 wires, 6 A, 250 VAC
- Coupling between lines and between lines and earth
- RS232 interface for remote control with optional software



For four unscreened, unbalanced connection lines

Overview

The coupling network can be used for EMC tests according to the IEC 61000-4-5 (Surge) standard. The interference pulses of the surge generator are coupled to the EUT's connecting lines. The coupling paths (line to line or line to earth) can be selected by means of switches.

The coupling network can be remotely controlled from a PC via an RS232 interface in conjunction with the CWG 2500/1500 Surge Generator. This allows the selection of the coupling paths to be automated.

Key facts

- Maximum pulse voltage 1.2/50 µs is 4,400 Volt
- The decoupling inductance is 4 x 20 mH / 6 A (series choke)
- Coupling capacitance is 0.5 µF and 40 Ω

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Technical data

CWG 1528	
Nominal voltage AC	max. 240 V, 50 / 60 Hz
Nominal voltage DC	max. 240 V
Rated current	4 x 6 A at 40 °C ambient temperature
Decoupling inductor	4 x 20 mH / 6 A (series choke)
Coupling capacity	0,5 µF
Series resistance	40 Ω
Maximum pulse voltage 1.2/50 µs	4.400 volts
High voltage (HV) - Input	Fischer HV socket D105A039
Input coupling network	lab jacks
Output coupling network	lab jacks

Interface	serial, RS232
Supply voltage input	100-240 V / 47-63 Hz / 80 VA plug-in power filter on the back
Earth connection	additionally via socket on the front and rear side
Operating temperature	0 - 40 °C
Rel. humidity	0 - 60 %
Weight	approx. 14 kg
Dimensions (H x W x D)	19” housing (3 RU)

Accessories (included in delivery)

CWG 532	HV cable with 0.85 m length for connection to CWG 1500 / CWG 2500

All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 130622