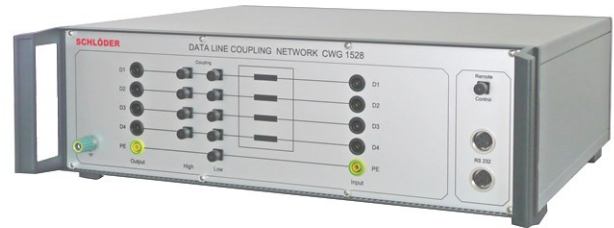


## CWG 1528

### 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 unshielded,  
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  $\mu$ s is 4,400 Volt
- The decoupling inductance is 4 x 20 mH / 6 A (series choke)
- Coupling capacitance is 0.5  $\mu$ F and 40  $\Omega$



# CWG 1528

## Coupling Network Surge

### Technical data

#### CWG 1528

Nominal voltage AC	max. 240 V, 50 / 60 Hz	Interface	serial, RS232
Nominal voltage DC	max. 240 V	Supply voltage input	IEC connector,, 230 V / 50 Hz / 1 A, on the back
Rated current	4 x 6 A at 40 °C ambient temperature	Earth connection	additionally via socket on the front and rear side
Decoupling inductor	4 x 20 mH / 6 A (series choke)	Operating temperature	0 - 40 °C
Coupling capacity	0,5 µF	Rel. humidity	0 - 60 %
Maximum pulse voltage 1.2/50 µs	4.400 volts	Weight	approx. 14 kg
High voltage (HV) - Input	Fischer HV-socket D105A039	Dimensions (H x W x D)	19" housing (3 RU)
Input coupling network	lab jacks		
Output coupling network	lab jacks		

### Accessories (included in delivery)

CWG 532	HV cable with 0.85 m length for connection to CWG 1500 / CWG 2500
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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. 052110

