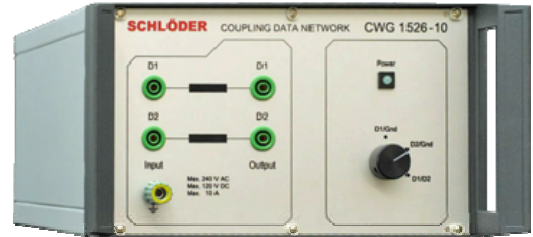


## Coupling network Surge

**Two unshielded unsymmetrical interconnection lines**

**CWG 1526- 4**  
**CWG 1526-10**



- ◆ 2 lines 4 A (10 A)
- ◆ For surge test      line-to-line and  
                                 line-to-ground coupling

### Introduction

With the coupling network CWG 1526 EMC-tests (immunity) on electrical equipment can be performed. Basic for these tests is the standard IEC 61000-4-5 (surge test for unshielded unsymmetrical interconnection lines).

The interference pulses of the Surge-Generator CWG 1500 are superposed to the interconnection lines of the EUT. Using the coupling switch the coupling paths can be selected.

### Technical data

Nominal voltage AC:	max. 240 V / 50 Hz
Nominal voltage DC:	max. 120 V
Nominal current $I_N$	CWG 1526- 4: 2 x 4 A at $T_U= 40^\circ\text{Celsius}$ CWG 1526-10: 2 x 10 A at $T_U= 40^\circ\text{Celsius}$
Serial choke	2 x 20 mH
Coupling capacity C	0,5 $\mu\text{F}$
Serial resistance R	40 $\Omega$
Maximum pulse voltage 1,2/50 $\mu\text{s}$	4.400 Volt
Various coupling paths, selected by switch	D1 - D2; D1 - ground; D2 - ground
High voltage (HV) input	Fischer HV-jack D105A039
Input coupling network	Laboratory jacks
Output coupling network	Laboratory jacks
Input electronic supply	IEC-plug, 230 V / 0,5 A on the rear
Ground connector additional via jack	on the front and rear
Operation temperature	0 up to 40° Celsius
Housing (H x W x D)	150 x 225 x 360 mm (3HE; 42TE)
Weight, approx.	4,8 kg (CWG 1526-4): 10,4 kg (CWG 1526-10)