

## Coupling network Surge

**Two unshielded symmetrical interconnection lines, for example field bus**

## CWG 1525



- ◆ 2 lines 1 A
- ◆ For surge test lines (D1 + D2) to ground coupling

### Introduction

With the coupling network CWG 1525 EMC-tests (immunity) on electrical equipment can be performed. Basic for these tests is the standard IEC 61000-4-5 (surge test for unshielded symmetrical 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 switched on and off.

### Technical data

Nominal voltage AC:	max. 50 V AC/DC
Nominal current $I_N$	2 x 1 A at $T_U = 40^\circ\text{Celsius}$
Decoupling	2 x 20 mH, current compensated choke
Coupling resistor	2 x 80 ohm
Coupling Device (CD)	Gas arrestors
Coupling	Lines (D1 + D2) to ground
Maximum pulse voltage 1,2/50 $\mu\text{s}$	4.400 Volt
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