CWG 1526-4 / 1526-10

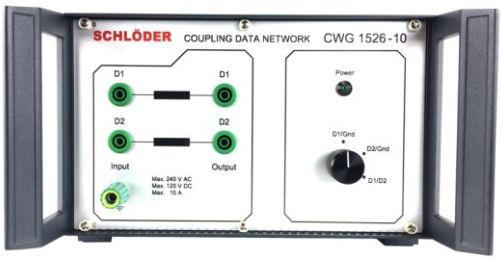
Coupling network Surge

IEC / EN 61000-4-5

- Coupling capacitance of 0,5 µF
- Serial resistance R from 40 Ω
- In two versions:

  CWG 1526-4: 4 A

  CWG 1526-10: 10 A
- Testing between lines and between line and earth



For two unscreened, unbalanced connection lines.

Overview

With the help of the coupling network of type CWG 1526, EMC tests (immunity tests) can be carried out on electrical consumers. These tests are based on IEC 61000-4-5 (surge test for unscreened, unbalanced connection lines).

The interference signals of the CWG 1500 / CWG 2500 surge generator are superimposed on the connecting lines of the instrument under test. The coupling switch can be used to select the interference paths (D1/GND, D2/GND or D1/D2).

Key facts

- Series choke of 2 x 20 mH
- Maximum pulse voltage 1.2/50 µs is 4,400 Volt
- Different coupling types adjustable via selector switch D1 - D2; D1 - earth; D2 - earth
- Use in connection with Surge generator CWG 1500 / 2500

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Technical data

CWG 1526	
Nominal voltage AC	max. 240 V, 50 / 60 Hz
Nominal voltage DC	max. 120 V
Rated current IN	**CWG 1526-4:** 2 x 4 A at T_U = 40 °C **CWG 1526-10:** 2 x 10 A at T_U= 40 °C
Series choke	2 x 20 mH
Coupling capacitance C	0,5 µF
Serial resistance R	40 Ω
Access method	D1 - D2; D1 - earth; D2 - earth
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

Electronics supply	100 - 240 V AC 47 - 63 Hz, 50 VA
Earth connection	additionally via socket on the front and rear
Operating temperature	0 to 40 °C
Weight	**CWG 1526-4:** 4,8 kg **CWG 1526-10:** 10,4 kg
Dimensions (H x W x D)	150 x 225 x 360 mm (3 HE; 42 TE)

Accessories (included in delivery)

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

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