SCHLÖDER
EMV-Systeme & Komponenten

CWG 1525

Coupling network Surge

2 unshielded, symmetrical
connecting lines (e.g. fieldbus)

- **2 lines, 1A**
- **Coupling via gas discharge arrester**
- **Coupling between lines (D1 + D2) and ground**

With the CWG 1525 coupling network, EMC immunity tests on electrical consumers can be carried out. These tests are based on IEC/EN 61000-4-5 Surge test on unshielded, symmetrically operated connecting cables.
The interference signals of the Surge Generator are superimposed on the connection lines of the device to be tested. With the help of the coupling switch, the influencing 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 room temperature max 40°C
Decoupling	2 x 20 mH, current compensated chokes
Coupling resistor	2 x 80 ohm
Coupling Device (CD)	Gas arrestors
Coupling	Lines (D1 + D2) to ground
Maximum pulse voltage 1,2/50 µs	4.4 kV
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
Room temperature	0 - 40° C
Housing (H x W x D)	150 x 225 x 360 mm (3HE; 42TE)
Weight, approx.	5 kg

- HV cable for connection to the Surge-Generator CWG 1500 is included (length = 0,8m)

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