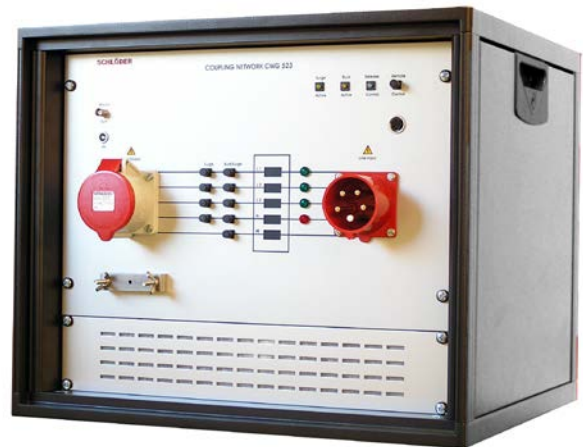


## Coupling network for Burst und Surge

**CWG 523** (32A)

**CWG 524** (60A)

- ◆ max. current 32 A  
and 60 A



### Introduction

With the coupling network CWG 523 / 524 EMC-tests (susceptibility) on electrical systems and devices can be performed. Basic for these tests is the standard IEC / EN 61000-4-4 (burst) and IEC / EN 61000-4-5 (surge).

The interference pulses of the burst and surge-generators are superposed to the feeding lines of the EUT. Using the coupling switch the coupling paths can be selected.

### Technical data

Nominal voltage AC	max. 230 / 400 V AC; special voltage on demand
Nominal current $I_N$	CWG 523: 4 x 32 A at $T_U = 30^\circ\text{Celsius}$ CWG 524: 4 x 60 A at $T_U = 30^\circ\text{Celsius}$
Serial choke	5 x 200 $\mu\text{H}$ and 4 x 2,5 mH (/32A or /60A)
Coupling capacity C	Burst: 33 nF Surge: phase - PE 9 $\mu\text{F}$ / 10 $\Omega$ phase - phase 18 $\mu\text{F}$ / 2 $\Omega$
Various coupling paths, selected by switch	Burst: L1 - E; L2 - E; L3 - E; N - E; PE - E a.o. Surge: L1 - L2; L2 - L3; L1 - L3, a.o.
HV input	Burst: Fischer HV-jack D103A023 Surge: Fischer HV-jack D105A039
Input coupling network	CECON 63 A
Output coupling network	CECON 63 A
Input electronic supply	IEC-plug, 230 V / 1A, on the rear side
Operation temperature	0 up to 30° Celsius
Housing (L x B x T)	6 HE (19" housing)
Weight	CWG 523: app. 65 kg CWG 524: app. 110 kg