

CN 1240-32 CN 1240-125

Coupling switchable network M2 - M5 (AC/DC)
acc. IEC/EN 61000-4-16



- Switchable coupling network M2, M3, M4, M5, AC/DC acc. IEC/EN 61000-4-16
- For continuous disturbances and short-term disturbances up to ± 300 V
- Remote control in connection with PGA 1240 or MGA 1030
- Can also be operated as a stand-alone device

Description

According to IEC / EN 61000-4-16, at the frequency of the electrical power supply (either DC, 16,67Hz, 50Hz or 60Hz) the test stimuli is applied as both continuous and short-duration disturbances. Otherwise, over the frequency range 15Hz to 150kHz, the test stimuli is applied as continuous disturbances. The normal duration for short duration disturbances at the electricity supply frequency is 1 second.

The CN 1240 is a multifunctional coupling network for test levels up to ± 300 VDC or 300 VAC in connection with test generators PGA 1240 or MGA 1030. In this case the CN 1240 is remote controlled via the application software of the test generators.

Otherwise the coupling network may be front panel operated as a stand-alone device.

The CN 1240 operates as a M2, M3, M4 or M5 coupling network - selection by a rotary switch.

The coupling capacitor is shorted out for the DC tests by a push-button. For automated tests you may toggle between AC and DC via the USB-port.

Technica data	CN 1240-32	CN 1240-125
Frequency range (IEC / EN 61000-4-16)	DC, 15 Hz - 150 kHz	
Input voltage	0 V up to ± 300 V	
Rated voltage (AE - EUT)	250 V AC/DC	
Rated current (AE - EUT)	32 A	125 A
Protection	Over-temperature protection circuit	
Input jack	BNC	
Connection (AE - EUT)	4 mm MC-jack	6 mm MC-Buchsen
Connection to computer	USB (B)	
Connection to continuous disturbance generator	USB (A)	
Ambient temperature	0 to 40 °C	
Cooling	Fan, temperature controlled	
Mains voltage	230 VAC $\pm 10\%$, 50-60 Hz (110 / 127 V upon request)	
Housing	19" desktop case	
Dimensions (width / height / depth)	449 mm / 177 mm / 580 mm	
Weight	app. 10 kg	

Ordering information	
Part No.: CN 1240-32	Switchable coupling network M2, M3, M4 or M5 acc. IEC / EN 61000-4-16; for mains connection, max. 32A; with 4mm safety MC jack
Part No.: CN 1240-125	Switchable coupling network M2, M3, M4 or M5 acc. IEC / EN 61000-4-16; for mains connection, max. 125A; with 6mm safety MC jack