

PGA 1331

Immunity generator

IEC / EN 61000-4-16

IEC / EN 61326-3-1

- For EMC tests according to IEC / EN 61000-4-16, IEC / EN 61326-3-1
- Interference generator for short-time disturbances up to 300 V
- Remote controlled operation in conjunction with PGA 1241 or MGA 1033
- Also 150 Hz / 180 Hz, level 120 V, 1 s for testing according to IEC / EN 61326-3-1



Can also be operated as a "stand-alone" device.



Overview

The test levels defined in IEC/ EN 61000-4-16 apply to test voltages with DC voltage (positive and negative) and with power frequencies of 16 2/3 Hz, 50 Hz and 60 Hz. Other available frequencies are 150/180 Hz according to IEC/EN 61326-3-1. For the short-time test, the usual duration for the application of each test disturbance is 1 second.

The PGA 1331 is designed as an add-on to the PGA 1241 and MGA 1033 disturbance generators for generating test voltages up to 300 V with the minimum possible effort. In this case, operation is remotely controlled via the application software of the PGA 1241 or MGA 1033.

The PGA 1331 can also be operated completely independently, a corresponding application software is included in the scope of delivery. The signal output is unbalanced to ground and galvanically isolated from both the mains and the signal generation.

Key facts

- Can also be operated independently of PGA 1241 or MGA 1033
- Remote control in connection with PGA 1241 / MGA 1033 or stand alone
- Ideal as an additional device for short-time disturbances
- Application software included

Sales Partner:



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Technical data

PGA 1331			
Frequency range	DC, 16 ² / ₃ Hz, 50 Hz, 60 Hz, 120/ 180 Hz	Connection to the computer	USB (B)
Output power	1800 W (<=10 s)	Connection to the disturbance generator	USB (A)
Output voltage AC	10 V- 300 V	Room temperature	0 - 40 °C
Output voltage DC	±10 V - ±300 V	Cooling	temperature controlled fans
Distortion	< 5 %	Mains voltage	230 VAC ± 10%, 50 - 60 Hz
Nominal impedance	50 Ohm	Housing	19" desktop case (cabinet mounting optional)
Frequency accuracy	50 ppm	Dimensions (W x H x D)	449 x 177 x 580 mm
Output voltage accuracy	5 %	Weight	appr. 40 kg
Protection devices	Overheating protection		
Connection (output)	BNC		

All information regarding appearance and technical data correspond to the current state of development at the time of release of this data sheet. We reserve the right to make technical changes. 192104

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