

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



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Technical data

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

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

