

KERSTEN®

Generator

DG 106



THE PRODUCT

The driving force for your discharge.
The high voltage generators provide the electrical supply for all KERSTEN discharging components.
Error and maintenance information for components included.

BENEFITS

- Patented 24V DC Voltage
- Compact Design
- Plug-in System
- Highest output of ions

CUSTOMER BENEFITS

- No EMC problems
- Installation in the smallest of spaces
- Flexible expansion options

Technical Data

DG 106

GENERAL

Supply voltage	U_N	V DC	24+-20%
Internal protection	I	A	1,0
Max. operating current	I_B	A	0.63
Max. active power	P	W	15
Control voltage	U_{St}	V DC	24+-20%
Error output voltage	U_F	V DV	24+-20%

DETAILS

Output voltage	U_A	kV DC	+3.8/-2.8
Max. output voltage	I_{max}	mA	0.9
Type of protection			IP54
Number of high voltage slots			2
Type of connection			neXt® - plug-in

CLIMATIC CONDITIONS

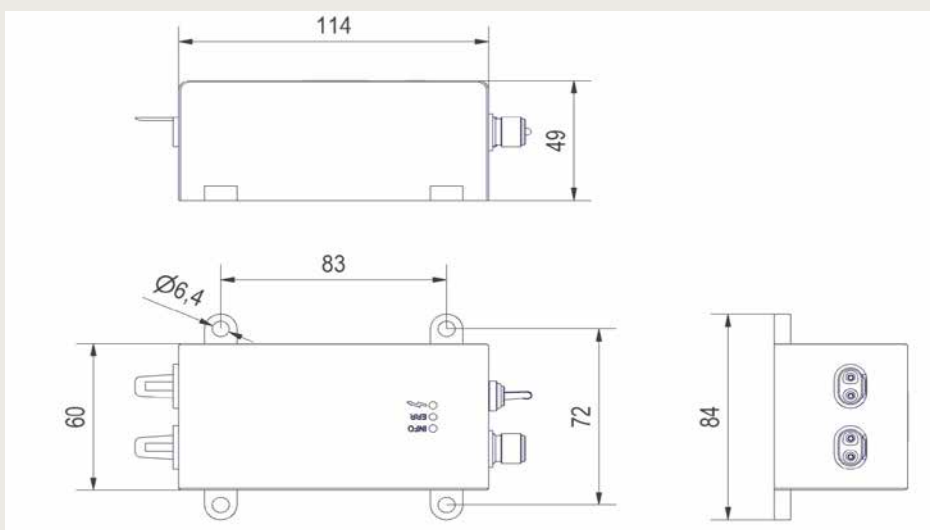
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13- +185*
Temperature during operation	T	°C / °F	+5 - +50 / +41- +122**
relative humidity (non-condensing)	RH	%	<80

DIMENSIONS

L/W/H	mm	114/84/49
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* acc. to UL50 Type B / Class 3K3 max. 70 °C (+158 °F) ** acc. to UL50 Type B / Class 3K3 max. 40 °C (+104°F)

TECHNICAL DRAWING



All dimension measurements in mm

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