

KERSTEN®

Generator

DG 209



THE PRODUCT

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

BENEFITS

- 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
- Maintenance free

GENERAL INFORMATION

Supply voltage	U_{enn}	V DC	24+-10%
Max. operating current	I_b	A	2.3
Max. active power	P	W	56
Control voltage	U_{st}	V DC	24+-10%
Max. current control circuit	I_{st}	A	1,0
Error output voltage	U_f	V DC	24+-10%
Max. error output voltage	I_f	A	0.4
Error output voltage inverted	$U_{\bar{f}}$	V DC	24+-10%
Max. error output voltage inverted	$I_{\bar{f}}$	A	0.4

DETAILS

Output voltage	U_a	kV DC	9
Max. output voltage	I_{max}	mA	1,46
Type of protection			IP54
Number of high voltage slots			2
Type of connection			neXt® - Stecksystem

CLIMATE CONDITIONS

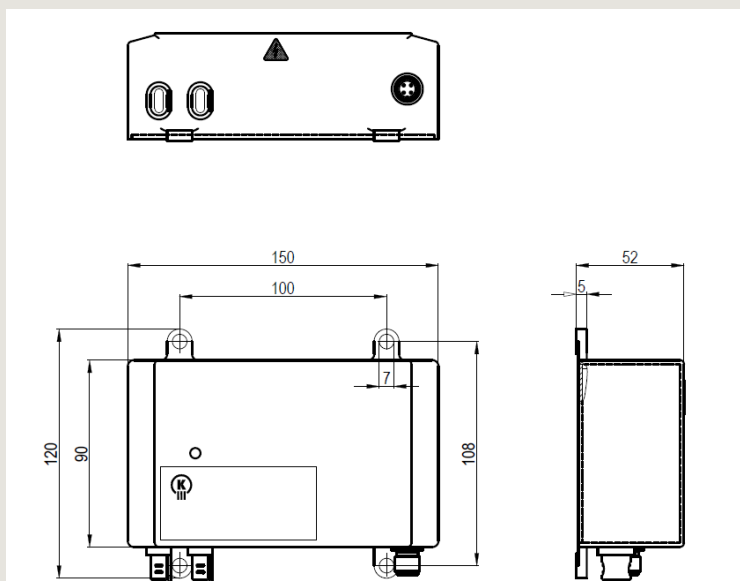
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13- +185*
Temperature during operation	T	°C / °F	+-5 - +50 / +41- +122**
relative humidity (non-condensing)	RH	%	<80

DIMENSIONS

	L/W/H	mm	150/120/51
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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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