

KERSTEN®

Generator

DG 306 X



THE PRODUCT

For difficult processes and conditions.
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
- 6 high-voltage slots
- Plug-In System
- Highest output of ions

CUSTOMER BENEFITS

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

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%
Max. Current Control Circuit	I_{ST}	A	1.0
Error Output Voltage	U_F	V DV	24+-20%
Max. Error Output Voltage	I_F	A	0.9

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			6
Type of connection			neXt® - plug-in

CLIMATIC CONDITIONS

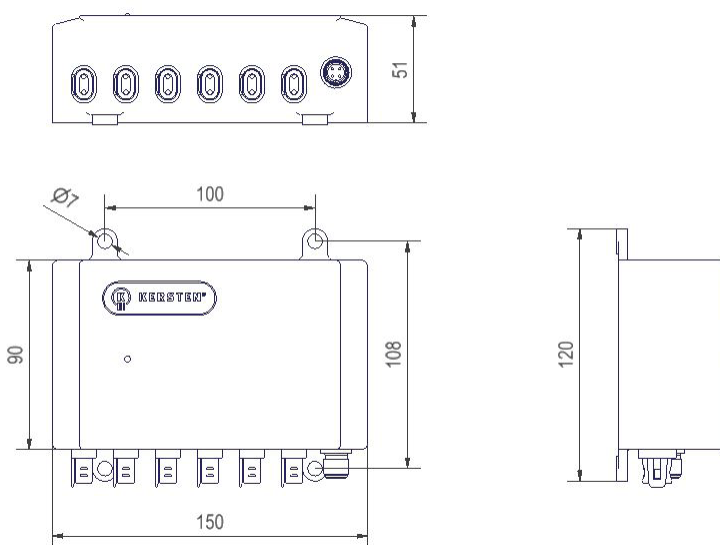
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13- +185*
Temperature during operation	T	°C / °F	+5 - +50 / +41- +122**
Relative humidity (non considering)	RH	%	<80

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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