

KERSTEN®

Generator DG 416



THE PRODUCT

The driving force for your discharge.
The high voltage generators provide the electrical supply for all KERSTEN discharging components.

BENEFITS

- Patented bipolar DC Voltage
- Compact design
- Error display
- Plug-In System

CUSTOMER BENEFITS

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

Technical Data

DG 416

GENERAL

Supply voltage	U_N	V DC	24+-20%
Internal protection	I	A	1.0
Max. operating current	I_B	mA	300
Max. active power	P	W	8

DETAILS

Output voltage	U_a	kV DC	+3.8/-3.8
Max. output voltage	I_{max}	mA	0.3
Type of protection			IP54
Number of high voltage slots			2
Type of connection			neXt®- plug-in
Weight	g		410

CLIMATIC CONDITIONS

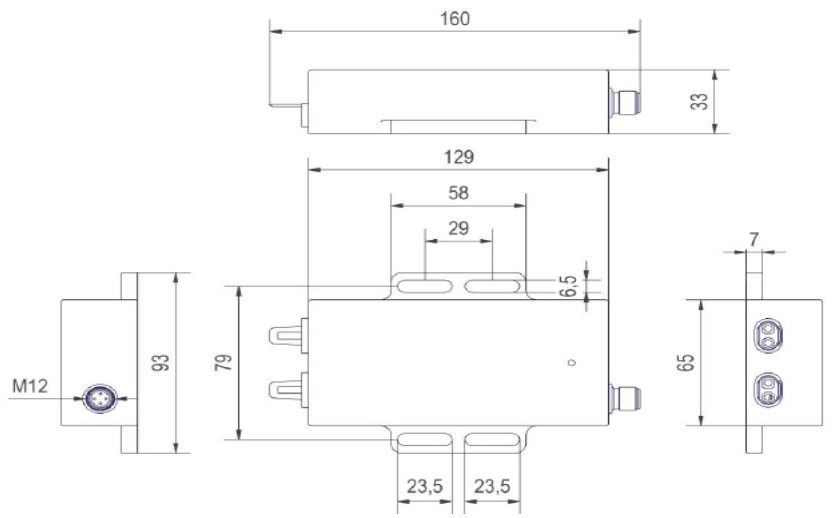
Temperature during transport and storage	T	°C / °F	-25 - +85 / -13- +185*
Temperature during operation	T	°C / °F	+5 - +50 / +41- +122**
Relative humidity (non-condensing)	RH	%	<80

DIMENSIONS

L/W/H	mm	129/93/33
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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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