

	<b>Middle Frequency and Bipolar Pulse Generator SB 300</b>
<b>Input Voltage</b>	Maximum 800 V DC
<b>Nominal Current</b>	70 A (DC-Output current of power supply)
<b>Nominal Power</b>	30kW (DC Output power of power supply)
<b>Pulse Frequency</b>	20kHz, fixed
<b>Principle of Operation</b>	AC, bipolar
<b>Arc Suppression</b>	Automatic parameter setting
<b>Input Cable</b>	2 x 16mm <sup>2</sup> , type JZ-600-Y-CY
<b>Output Cable</b>	24 x 1.5mm <sup>2</sup> , type JZ-600-Y-CY
<b>Maximum Cable Length</b>	5 m (between pulse generator and cathode)
<b>Output Inductance</b>	Max. 10 µH (cable + cathode)
<b>Indications</b>	Status LEDs
<b>Auxiliary Voltage</b>	24 V DC +/- 10 %, 1.5A
<b>Cooling</b>	Water, >1.5 l / Min, 2 - 8 Bar, < 40°C, Forced air, maximum ambient temperature 40° C
<b>Water Connection</b>	SMC KQ2 10 mm (Option: swagelock B QC-6)
<b>Size</b>	218 mm width, 130 mm height, 645 mm length (without plug)
<b>Weight</b>	22kg
<b>Compatible with the following Power Supplies:</b>	HX 150 - HX 300 (except all versions over 800 V or over 70 A). <b>ONLY with the interface X4P for pulse generators</b>