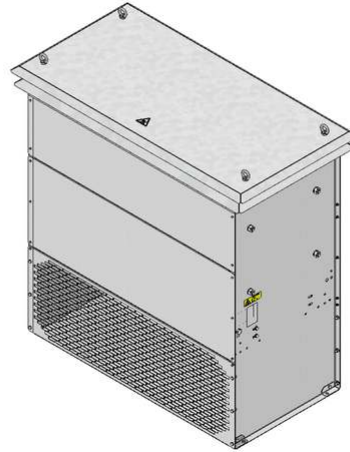



## DATA SHEET

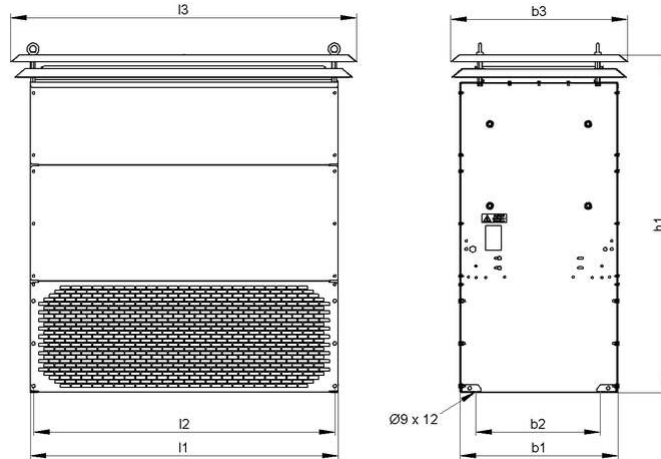
STG 2x2 | 30.0 - 40.0 kW  
Steel Grid Resistor



Article-No.		ds1000 2220	
Type		STG 232	STG 242
Pulse Power (kW) $T_a \sim 40\text{ °C}$ *referred to a cycle duration of 120s Approximate value (depending on resistance)	ED 6 %*	237	316
	ED 15 %*	126	168
	ED 25 %*	90	120
	ED 40 %*	66	88
Nominal continuous power (kW) $T_a \sim 40\text{ °C}$		30	40
Resistance Values at 20°C (Ohm)		0.4 - 33	0.5 - 25
Tolerance of resistance at 20°C		±10 %	
Degree of protection (EN 60529) (in the accordingly screwed on state)		IP 23	
Max. permissible operating voltage		EN 1000 V DC	
Cooling		natural convection	
Housing temperature at nominal continuous power $T_a \sim 40\text{ °C}$		≤250 °C	
Electrical terminal		bolt clamp M6, M8, M10, M12 / PE M6, M8, M10	
Operation temperature range		-25 ... +40 °C	
Testing voltage		2.7 kV AC 1 s	
Approvals/markings		CE	
Mounting positions			

Subject to technical modifications

## DATA SHEET



Article-No.		ds1000 2220	
Type		STG 232	STG 242
Length [mm]	$l_1$	740	940
	$l_2$	720	920
	$l_3$	$\leq 860$	$\leq 1060$
Width [mm]	$b_1$	$\leq 485$	$\leq 485$
	$b_2$	380	380
	$b_3$	$\leq 545$	$\leq 545$
Height [mm]	$h_1$	$\leq 1075$	$\leq 1075$
Weight approx. [kg]		67	86
Last update		2016-01-26	

### Mounting instruction:

The resistor should be protected by appropriate safety measures against overloading.

Do not mount the resistor with any obstruction in the air inlet or air outlet area.

The resistor has to be grounded.