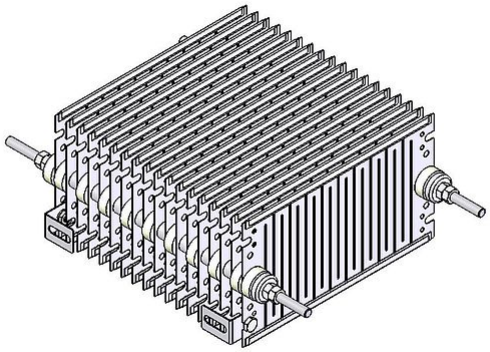
DATA SHEET

STG-S | 6.5 - 26.0 kW
Steel Grid Resistor
cRUus 600 V



Article-No.		ds1000 0101			
Type		STG-S 1xx	STG-S 2xx	STG-S 3xx	STG-S 4xx
Pulse Power (kW) T_a ~ 40 °C *referred to a cycle duration of 120s Approximate value (depending on resistance)	ED 6 %*	51.4	102.7	154.1	205.4
	ED 15 %*	27.3	54.6	81.9	109.2
	ED 25 %*	19.5	39	58.5	78
	ED 40 %*	14.3	28.6	42.9	57.2
Nominal continuous power (kW) T_a ~ 40 °C		6.5	13	19.5	26
Resistance Values at 20°C (Ohm)		0.1 - 55	0.1 - 27.7	0.2 - 18.4	0.3 - 13.8
Tolerance of resistance at 20°C		±10 %			
Degree of protection (EN 60529) (in the accordingly screwed on state)		IP 00			
Max. permissible operating voltage		UL 600 V			
Cooling		natural convection			
Electrical terminal		connection element M6, M8, M10, M12			
Operation temperature range		-25 ... +40 °C			
Testing voltage		2.7 kV AC 1 s			
Approvals/marking		UL; CSA			
Mounting positions					

Subject to technical modifications

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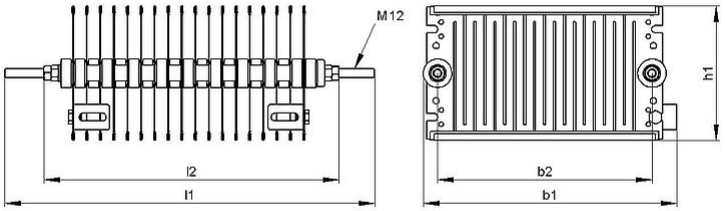
IBAN: DE64 8508 0000 04022658 00 · BIC: DRESDEFF850
Geschäftsführer: Patrick Rudolph
Ein Unternehmen der Knorr-Bremse AG

DATA SHEET



Article-No.		ds1000 0101			
Type		STG-S 1xx	STG-S 2xx	STG-S 3xx	STG-S 4xx
Length [mm]	l1	318	518	728	928
	l2	≤265	≤455	≤650	≤840
Width [mm]	b1	≤360	≤360	≤360	≤360
	b2	300	300	300	300
Height [mm]	h1	≤200	≤200	≤200	≤200
Weight approx. [kg]		7	12	18	25
Last update		2015-02-24			

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.

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