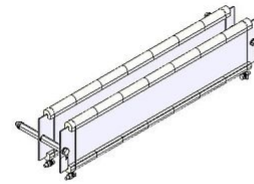



# DATA SHEET

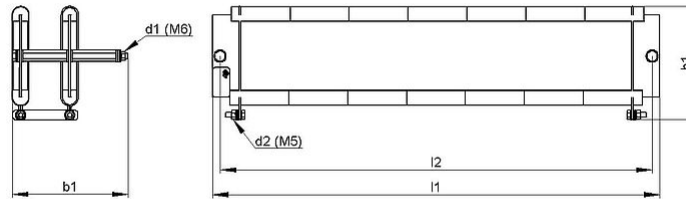
## RAFS\_2 | 1 - 2 kW Wire Resistor



Article-No.		ds2003 0020	
Type		RAFS 1-100/7	RAFS 2-100/7
Pulse Power (kW) $T_a \sim 40\text{ °C}$ *referred to a cycle duration of 120s Approximate value (depending on resistance)	ED 6 %*	8	16
	ED 15 %*	4.5	9
	ED 25 %*	3	6
	ED 40 %*	2.1	4.2
Nominal continuous power (kW) $T_a \sim 40\text{ °C}$		1	2
Resistance Values at 20°C (Ohm)		3.6 - 160	1.8 - 180
Tolerance of resistance at 20°C		±10 %	
Degree of protection (EN 60529) (in the accordingly screwed on state)		IP 00	
Max. permissible operating voltage		EN 1000 V DC	
Cooling		natural convection	
Electrical terminal		M5	
Operation temperature range		-25 ... +40 °C	
Testing voltage		2.7 kV AC 1 s	
Mounting positions			

Subject to technical modifications

# DATA SHEET



Article-No.		ds2003 0020	
Type		RAFS 1-100/7	RAFS 2-100/7
Length [mm]	l1	<460	<460
	l2	440	440
Width [mm]	b1	~70	~120
Height [mm]	h1	~116	~116
Weight approx. [kg]		1.3	2.6
Last update		2015-10-29	

### 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.