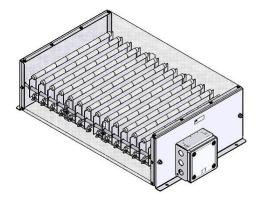


## DATA SHEET

RFC\_18UL | 11.2 - 14.4 kW Wire Resistor with Terminalbox C



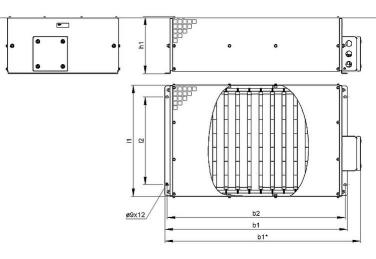
Article-No.		ds2003 1185			
Туре		RFC 14-7	RFC 16-7	RFC 18-7	
Pulse Power (kW) T <sub>a</sub> ~ 40 °C *referred to a cycle duration of 120s Approximate value (depending on resistance)	ED 6 %*	89.6	102.4	115.2	
	ED 15 %*	50.4	57.6	64.8	
	ED 25 %*	33.6	38.4	43.2	
	ED 40 %*	23.5	36.9	30.2	
Nominal continuous power (kW) T <sub>a</sub> ~ 40 °C		11.2	12.8	14.4	
Resistance Values at 20°C (Ohm)		3.5 - 32	4 - 28	4.5 - 25	
Tolerance of resistance at 20°C		±10 %			
Degree of protection (EN 60529) (in the accordingly screwed on state)		IP 20			
Max. permissible operating voltage		UL 600 V			
Cooling		natural convection			
Housing temperature at nominal continuous power $T_a \sim$ 40 °C		ca. 200 °C			
Electrical terminal		line up terminal 10 - 35 mm <sup>2</sup>			
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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## DATA SHEET



Article-No.		ds2003 1185		
Туре		RFC 14-7	RFC 16-7	RFC 18-7
Length [mm]	11	≤490	≤490	≤490
	12	380	380	380
Width [mm]	b1	≤795	≤895	≤995
	b2	770	870	970
	b3	≤850	≤950	≤1050
Height [mm]	hl	≤250	≤250	≤250
Weight approx. [kg]		28	31	34
Last update		2016-01-07		

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.