

Cressall Resistors

HP Series Resistor Elements

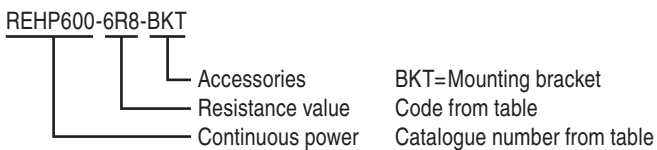


Alltid tillgänglig - Alltid öppen!
www.chscontrols.se
Always available - Always open!

Catalogue Numbers

Catalogue No.	Rated continuous power, W			REHP1500
	600 REHP600	1000	1500 REHP1000	
Resistance value, Ω				
Code for resistance value - add to catalogue No.				
2,2	2R2			
2,7	2R7			
3,3	3R3			
3,9	3R9	3R9		
4,7	4R7	4R7		
5,6	5R6	5R6		
6,8	6R8	6R8	6R8	
8,2	8R2	8R2	8R2	
10	10R	10R	10R	
12	12R	12R	12R	
15	15R	15R	15R	
18	18R	18R	18R	
22	22R	22R	18R	
27	27R	27R	27R	
33	33R	33R	33R	
39	39R	39R	39R	
47	47R	47R	47R	
56	56R	56R	56R	
68	68R	68R	68R	
82	82R	82R	82R	
100	100R	100R	100R	
120	120R	120R	120R	
150	150R	150R	150R	
180	180R	180R	180R	
220		220R	220R	
270		270R	270R	
330		330R	330R	
390		390R	390R	

A complete catalogue number is created as follows



Examples:

600 W resistor 6,8 Ω will be REHP600-6R8.
 600 W resistor 39 Ω with mounting bracket will be REHP600-39R-BKT.
 Contact CHS Controls for non-standard resistance values and for resistor elements mounted in frames 2, 3, 4 or 6 wide.



Safety

Resistors get hot during operation. Provide adequate ventilation to allow cooling, do not cover the unit, avoid proximity to flammable material. The open type resistor elements are intended to be installed in a well ventilated enclosure or similar, the elements are at live voltage.

Short Time Rating

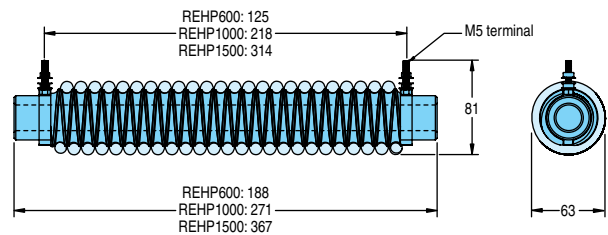
The resistors can handle much higher power in form of single or repetitive pulses. Extensive research and testing make it possible to predict the temperature rise in the resistor for any application. Contact us for assistance.

Technical Data

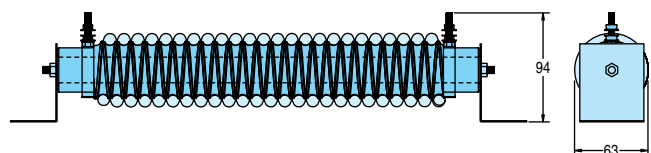
Design	Spiral wirewound on ceramic former
Cooling	Naturally air cooled
Resistance material	Fe-Cr-Al alloy
Manufacturing tolerance	$\pm 5\%$ on resistance value
Resistance change, 20-620°C	ca +5%
Temperature rise/issuing air	ca 600/200°C
Rated operating voltage	1000 V, contact CHS Controls for higher voltages
Terminals	M5 screw for cable lug
Ingress protection, IEC 60529	IP 00
Certificate	CE, RoHS compliant

Dimensions, mm

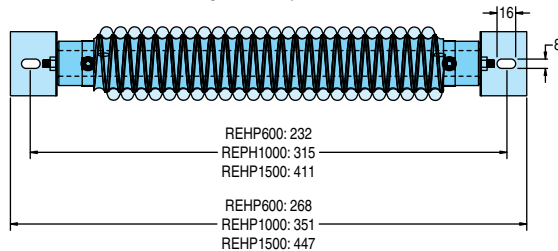
Resistor element only, core adapter for M8 mounting rod included



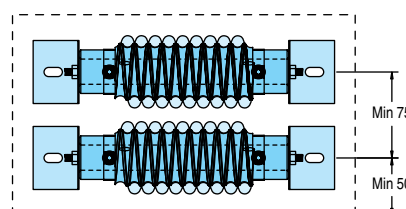
Resistor element with mounting bracket, front view



Resistor element with mounting bracket, top view



Mounting several units side-by-side



Electrical clearance, air
 Maintain a 75 mm axis spacing/cc mounting bracket fixing holes if two or more resistor elements are mounted side by side next to each other. Maintain 50 mm spacing between the resistor element axis/mounting bracket fixing hole and nearby metallic earthed surface. This surface will be hot.