

Ref. SAC/PR

CEMENTED WIREWOUND RESISTORS WITH PROTECTION.

From 600W to 3500 W.

They are cemented wirewound resistors composed by a resistive element coiled on a ceramic tubular core used as support, to ensure high dissipation capacity and excellent resistance to thermal shock and overload.

The used resistive element is wire or band is a Ni-Cr type in different alloys. This set, with lateral supports and galvanised enclosure perforated to insure correct ventilation, is in accordance with the IP20 protection requirement.

They can be supplied with a thermal protector and with the ohmic value required by the customer.

1 ELECTRICAL CHARECTERISTICS

1.0.0	Temperature coefficient	40 ppm. at 250 ppm.
1.0.1	Maximum load pic	10xPn. 5 sec.
1.0.2	Maximum admissible load (in permanent operating mode)	$\sqrt{P_n \times R (*)}$
1.0.3	Maximum temperature of the heater point on the resistor surface at nominal power	375 ° C
1.0.4	Operating voltage	600 V AC
1.0.5	Protection level	IP20
1.0.6	Standard Resistor tolerance	±10 %

(*)): Pn: Nominal power and R: Ohmic value

Ohm value

REFERENCE WATTS	W. according to the % of the load. Time cycle: maximum 120 sec.				
	40%	25%	15%	6%	3%
SAC/PR-600W	1.160	1.860	2.400	6.500	6.950
SAC/PR-1000W	1.450	2.300	3.060	8.100	8.850
SAC/PR-1200W	1.750	2.800	3.650	9.400	10.500
SAC/PR-1500W	2.120	3.400	4.420	11.900	12.750
SAC/PR-1800W	2.370	3.800	4.940	13.300	14.250
SAC/PR-2500W	3.500	5.600	7.280	19.600	21.000
SAC/PR-3500W	4.250	6.800	8.840	23.800	25.500

DIMENSIONS

WATTS REF./TYPE	DIMENSIONS in mm.				
	A	B	C	H	D
600 SAC/PR	405	420	55	98	
1000 SAC/PR	412	430	70	116	
1200 SAC/PR	412	430	80	135	
1500 SAC/PR	490	512	80	135	
1800 SAC/PR	405	420	128	98	70
2500 SAC/PR	405	420	174	143	85
3500 SAC/PR	490	510	174	143	85

