

Heavy Duty Tape Wound Power Resistors

Thermal Cut-outs

Cut-outs can be fitted to certain resistors which will operate a contact to disconnect the resistor to prevent overload damage.

Resistance

The minimum and maximum values shown below are those available within a range of standard resistance alloys. You may select any Ohmic value between Min and Max values.

Enclosed Resistors

Resistors are available supplied within a Heavy Duty Enclosure. See the Enclosure Data Sheet.

Power Ratings

Standard continuous ratings are from 250 Watts to 1000 Watts. For pulse ratings, refer to the table below.

Ohmic Values & Ratings - Continuous, Short Time & Intermittent

TYPE	CONT	SHORT TIME (SECONDS)			INTERMITTENT TIME (MINUTES)						OHMIC VALUES	
		5	10	20	1/2	1	2	3	4	5	MIN	MAX
		WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	WATTS	OHMS	OHMS
PT200H	250	5000	3750	2250	1375	825	625	500	375	310	0.6	25
PT300H	400	8000	6000	3600	2200	1320	1000	800	600	500	0.6	30
PT400H	525	10500	7875	4700	2900	1730	1310	1050	785	655	1.0	30
PT450H	600	12000	9000	5400	3300	1980	1500	1200	900	750	1.5	40
PT600H	800	16000	12000	7200	4400	2640	2000	1800	1200	1000	3.0	60
PT750H	1000	20000	15000	9000	5500	3300	2500	2000	1500	1250	3.5	100
		Operation Once Per Hour			Operating Time in any 15 Minute Period							

The Power in Watts to give a Temperature Rise of 300 °C in the Time stated.

PT Heavy Duty Tape Wound Resistors - Dimensions (mm)

TYPE	WATTS	A	B	C	D	E	F	G	H	J	K	L
PT200H	250	152	44	29	43	9.5	5	190	173	44	51	7 x 14
PT300H	400	203	44	29	43	9.5	5	241	223	44	51	7 x 14
PT400H	525	254	44	29	43	9.5	5	292	274	44	51	7 x 14
PT450H	600	305	44	29	43	9.5	5	343	325	44	51	7 x 14
PT600H	800	305	54	38	50	9.5	5	356	333	54	76	7 x 17
PT750H	1000	356	54	38	50	9.5	5	406	384	54	76	7 x 17



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