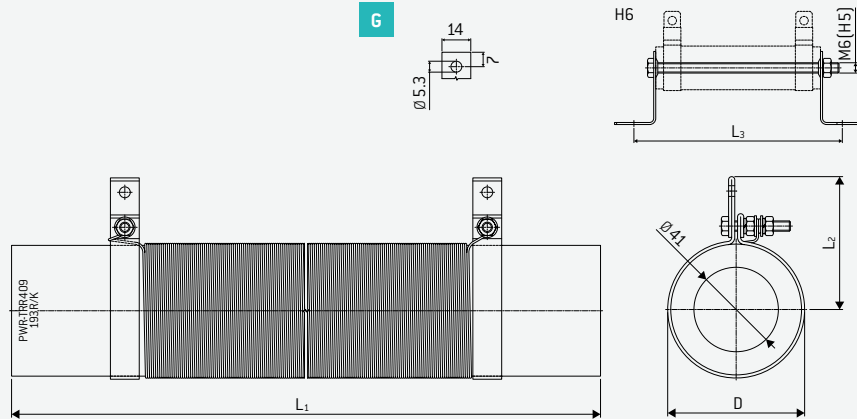


PWR-TR 4XX WIRE AND TUBE RESISTOR



Tube resistors wrapped with oxidised resistor wire can utilise the maximum performance of the resistor material. The insulation effect of the oxide sheath allows for continuous wrapping without distance between the windings. This enables higher pulse performances as well as a broad spectrum of resistance values.



TYPE SELECTION AND DIMENSIONS

Type	PN @25°C	Resistance value	Operation- al voltage	Dmax	L ₁	L _{2max}	Weight	L ₃	Connection
				mm	mm	mm	g	mm	
PWR-TR 409	1500 W	4R7 – 1K5	4000 V $\approx$	68	390 $\pm$ 5.5	68	3100	430 $\pm$ 1	G
PWR-TR 410	2000 W	5R6 – 2K2	4500 V $\approx$	68	515 $\pm$ 7.6	68	3750	555 $\pm$ 1	G
PWR-TR 420	2600 W	8R2 – 2K7	4500 V $\approx$	68	660 $\pm$ 8.3	68	5600	700 $\pm$ 1	G

SAMPLE ORDER

PWR-TR409 40K 5% G H6

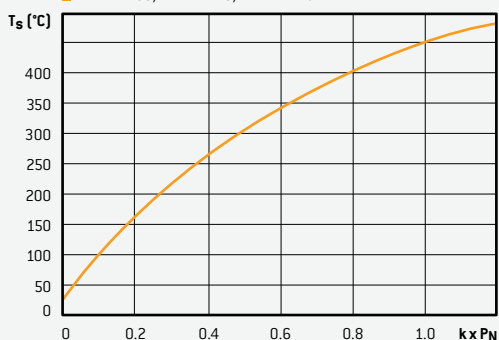
Holder H6 (390g)

Degree of protection IP 00

Storage temperature –25°C at +40°C

PERFORMANCE-TEMPERATURE-CURVE

T_S - Surface temperature of the resistor, k x P_N - proportionate nominal power
 ■ PWR-TR 409, PWR-TR 410, PWR-TR 420



PARAMETER

Tolerance	$\pm 5\%$
Temperature coefficient TC	$\leq \pm 150$ ppm/K
Stability at P_{nominal} @ 25°C, 1000 h	$\pm 5\%$
Max. overload capacity	10 x P _N , 5 sec
Test voltage against holder	4000 V $\approx$

ASSEMBLY ACCESSORIES PWR-TR

