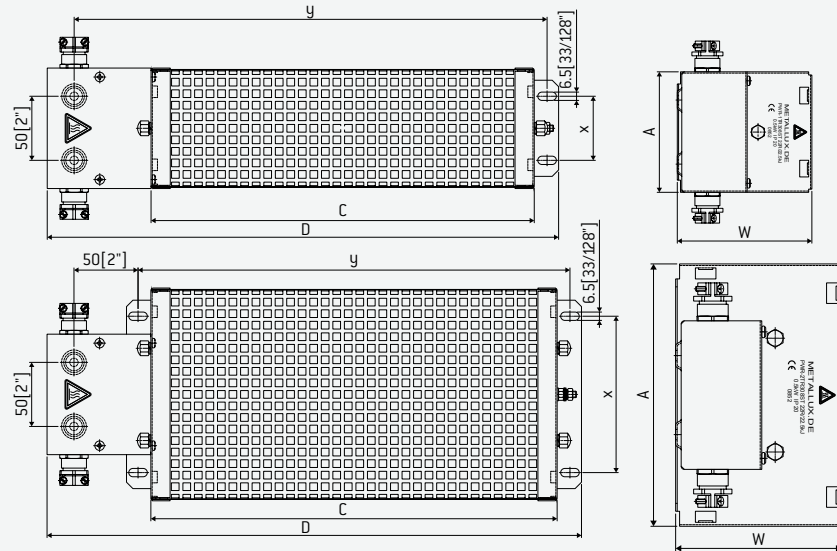


PWR-X WIRE AND TUBE RESISTOR IN STAINLESS STEEL CASING IP 20



The resistor series PWR-X is a ready-to-install combination of tube resistors. Depending on the casing size and the installed tube resistor, a performance range from 400 W to 6 kW is covered. The type series are characterised by high flexibility and enable various individual solutions. As an option, we offer the matching temperature switch for each performance class.



TYPE SELECTION AND DIMENSIONS

Type	PN @25°C	Resistance value	W _{ad}	Surface temperature	A x B x C, D	x / y	Weight
PWR-					mm	mm	g
-1TR 307S (T)	400 W	5 R...100 R *	8 kJ*	max. 80°C	94 x 105 x 275, 375	50/345	1900
-1TR 308S (T)	500 W	5 R...100 R *	10 kJ*	max. 80°C	94 x 105 x 335, 435	50 / 405	2100
-2TR 307S (T)	800 W	5 R...100 R *	16 kJ*	max. 80°C	166 x 105 x 275, 375	122/295	2800
-2TR 308S (T)	1000 W	5 R...100 R *	20 kJ*	max. 80°C	166 x 105 x 335, 435	122/355	3100
-4TR 307S (T)	1600 W	5 R...100 R *	32 kJ*	max. 80°C	166 x 177 x 275, 375	122/295	4600
-4TR 308S (T)	2000 W	5 R...100 R *	40 kJ*	max. 80°C	166 x 177 x 335, 435	122/355	5200
-6TR 308S (T)	3000 W	5 R...100 R *	60 kJ*	max. 80°C	238 x 177 x 335, 435	194/355	7100

SAMPLE ORDER

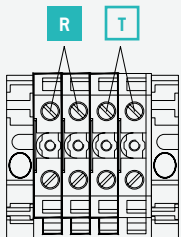
PWR-1TR308S 50 R 10%

Degree of protection IP 20

Storage temperature -40°C to +60°C

CONNECTION TERMINAL

Weidmüller terminal SAK 6 800 V 41 A 0.5 – 6 mm²
R – resistor, T – temperature switch



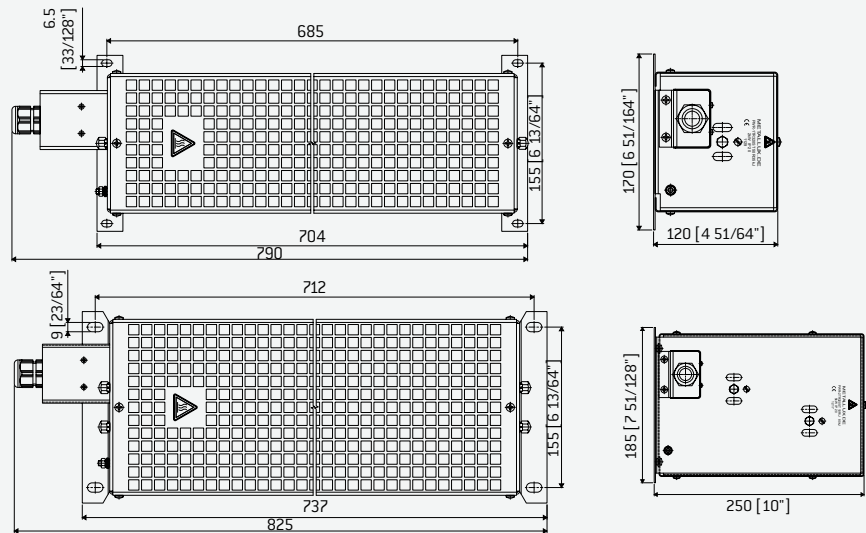
PARAMETER

Tolerance	± 10%
Temperature coefficient TC	≤ ± 150 ppm/K
Test voltage against holder	1500 V ≈

PWR-X WIRE AND TUBE RESISTOR IN STAINLESS STEEL CASING IP 20 (2)



The resistor series PWR-X is a ready-to-install combination of tube resistors. Depending on the casing size and the installed tube resistor, a performance range from 400 W to 6 KW is covered. The type series are characterised by high flexibility and enable various individual solutions. As an option, we offer the matching temperature switch for each performance class.



TYPE SELECTION AND DIMENSIONS

Type	PN @25°C	Resistance value	W _{ad}	Surface tem- perature	A x B x C, D	x / y	Weight
PWR-					mm	mm	g
-1TR 320S	2000 W	5 R...100 R *	40 kJ*	max. 250°C	170 x 120 x 704, 790	155/685	5500
-2TR 320S	5000 W	5 R...100 R *	80 kJ*	max. 250°C	185 x 250 x 737, 825	155/712	11000
-3TR 320S	6000 W	5 R...100 R *	120 kJ*	max. 250°C	327 x 230 x 737, 847	300/712	13200

SAMPLE ORDER

PWR-1TR308S 50 R 10%

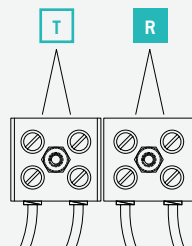
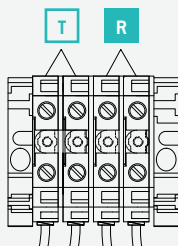
Degree of protection IP 20

Storage temperature -40°C to +60°C

CONNECTION TERMINAL

Weidmüller terminal
SAK 6 800V 41A 0.5 - 6 mm²
R – resistor, T – temperature switch

Ceramic terminals



PARAMETER

Tolerance	± 10%
Temperature coefficient TC	≤ ± 150 ppm/K
Test voltage against holder	1500 V _≅