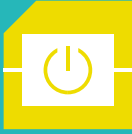
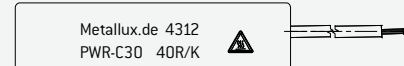
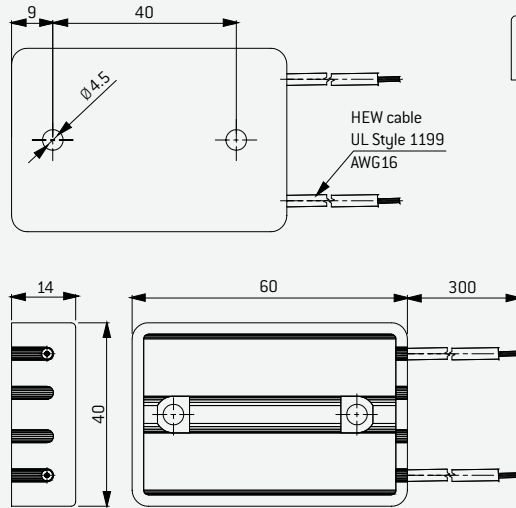
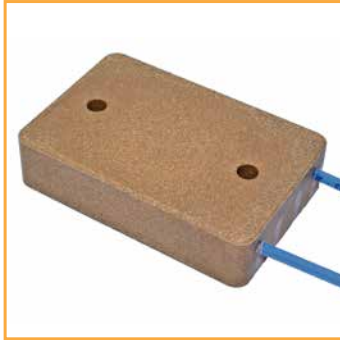


PWR-C WIRE POWER RESISTORS IN CERAMIC CASING



Wire resistors in ceramic casing are power resistors with high load capacity optimised for use in closed systems. Tried and tested resistor materials guarantee good long-term stability. Easy assembly and variable connection lines are the advantages of this Type series.



HEW cable
UL Style 1199
AWG16

TYPE SELECTION AND DIMENSIONS

Type	Without cooling P_N at 25°C		Resistance values	Max. voltage	L_1	L_2	/g/
	$P_{NDC=30\%}$ /W/	$P_{NDC=100\%}$ /W/			mm	mm	
PWR-C 30	100 W	30 W	5R – 100R	600 V \cong	60	40	80

SAMPLE ORDER

PWR-C30 50 R/J 300 mm connection lines

Inductance < 0.2 mH at 1 KHz

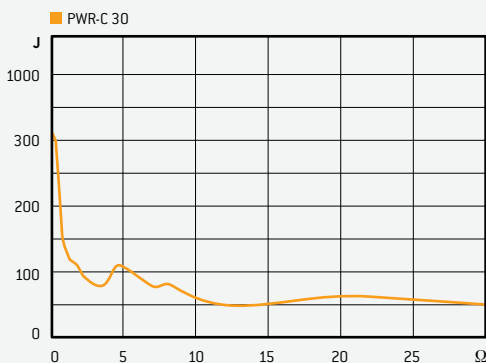
Time constant 4.5 to 5.8 min

Degree of protection IP 50

Storage temperature – 10°C to +50°C

The duty cycle DC in percent is based on a cycle time of 120 sec.

PULSE ENERGY



PARAMETER

Max. surface temperature	250°C
Tolerance	± 5%, ± 10%
Temperature coefficient TC	≤ ± 150 ppm/K
Stability at $P_{nominal}$ @ 25°C, 1000 h	± 5%
Max. overload capacity	10 x $P_{NDC=100\%}$, 5 sec
Insulation resistance at 500VDC	≥ 10 GΩ
Test voltage	800 V \cong
Connection lines	UL PTFE wire line AWG16 style 1199, 200°C, 600V