Type series KWAE..

150 – 1050 W, IP 54, profile x91, connection by screened cable


KWAE 160 x 91

848V DC | IP 54

Short-circuit proof wirewound flat resistor with degree of protection 54 in blue anodized aluminium enclosure. Design with screened cable 3x1,3 mm² (AWG 16/19), 200℃, 0,75 m long.

③ optionally, type designation would be KWAEU ...

Technologies

- extremely compact construction form
- short-circuit proof
- self-extinguishing
- degree of protection IP 54
- incl. screened cable
- easy mounting by T-slot

Please note: The type series KWAE have no mounting holes.
We provide various mounting brackets as accessories for different mounting types; see page T351E – T352 for further information.

Application

E.g. as brake resistor for servo- or frequency converters. Due to the screened cable and to the high degree of protection the resistors also can be mounted outside of switch cabinets.

Special design

- longer cable

Electrical and mechanical data

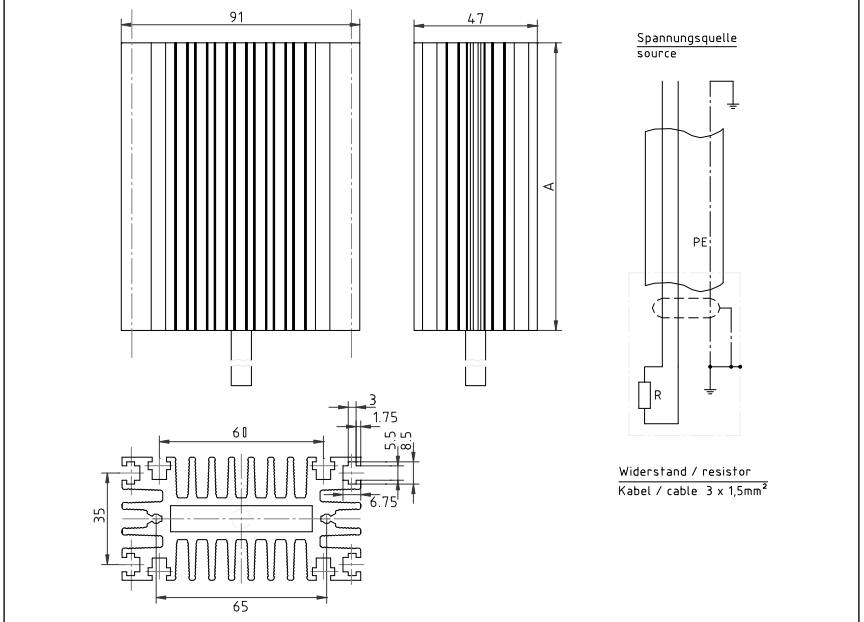
Type series	continuous dissipation in W at 40℃, 100%DCF and surface excess temperature of 200 K	production range Ω–value from	up to	dimensions in mm A	weight in kg
KWAE. 110 x 91	150	2,7	3,3k	110	0,8
KWAE. 160 x 91	225	4,7	5,6k	160	1,1
KWAE. 216 x 91	300	6,8	8,2k	216	1,5
KWAE. 320 x 91	450	10,0	12 k	320	2,1
KWAE. 420 x 91	600	12,0	18 k	420	2,7
KWAE. 520 x 91	750	18,0	22 k	520	3,3
KWAE. 620 x 91	900	22,0	27 k	620	3,9
KWAE. 720 x 91	1050	33,0	33 k	720	4,5

The given power rating values are valid for 100%CD (continuous dissipation). For short time operation you will find the values in the following table as a function of the duty cycle factor (DCF). Just multiply by the corresponding overload factor (OLF). (Also see pages T306E and T307E).

ED	60%	40%	25%	15%	6%	3%	1%
ÜF	1,5	2,2	3,0	3,6	6,3	9,3	15

These overload factors are valid for a total cycle time of maximum 120 s.

KWAE..



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