

**DRAHTWIDERSTÄNDE IM ALUMINIUMGEHÄUSE**  
**RÉSISTANCES BOBINÉES EN BOÎTIERS ALUMINIUM**  
**RESISTORI A FILO IN DISSIPATORI DI ALLUMINIO**  
**WIREWOUND RESISTORS ALUMINIUM HOUSED**

**JECOTECH**  
 FLUGHOFSTRASSE 37  
 CH-8152 GLATTBRUGG  
 SWITZERLAND

**AG**

**RoHS - compliant**

Normen	Normes	Specifiche	Specifcation	MIL-R-1854E
Isolationswidertand	Résistance disolem.	Resist. di isolamento	Insulation resistance	10 000 M-Ohms mini.
Isolationswidertand	Résistance disolem.	Resist. di isolamento	Insulation resistance	1 000 M-Ohms min. after moisture test
Kurzzeitige Ueberlast	Bref surcharge	Sovraccarico	Overload	5x Pn 5 sec.
Induktionsarme Ausf.	Modele pauvr. Induct.	Non induttivi	Non inductive	Ayrton-Perry Syst.
Zul. Betriebs-Temper.	Temp. admissible	Temp. di funzionam.	Temperature range	-55°C ... + 250°C

**LASTMINDERUNG**

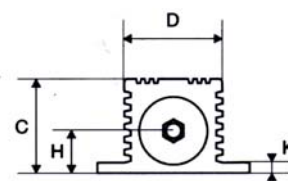
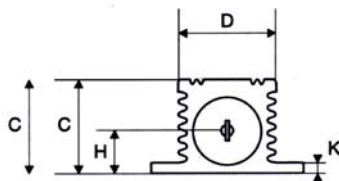
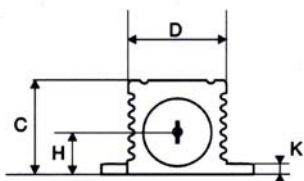
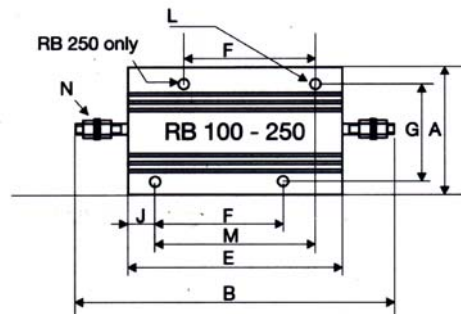
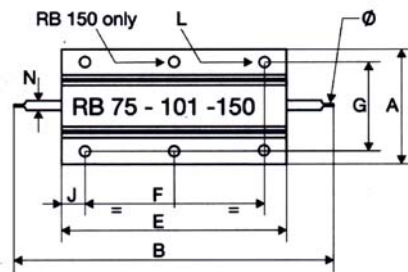
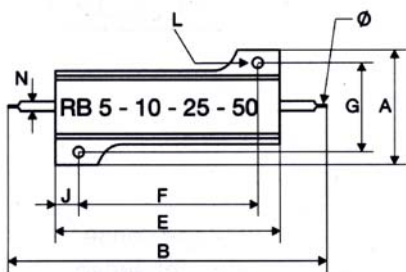
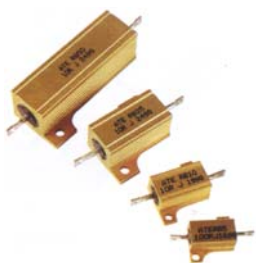
**DERATING**

Diese Widerstände dürfen bei einer Temperatur von -55°C .. zu +250°C betrieben werden. Wenn die Umgebungstemperatur 25°C übersteigt muss eine lineare Lastminderung bis zu Pn = 0 bei einer Temperatur von +250°C vorgenommen werden.

These resistors could be used in a temperature range from -55°C to +250°C. To use these components in settings with base temperature upper to +25°C you have to made a power reduction with linear derating from nominal power to zero at +250°C.

Pn @25°C W	Pmax.o. Kühlfl. P max. s. surf. de refroidis. P max. without heatsink	Type		Ω	Vac max.	Prüfspannung Tension d'essai Dielectric streng Vac	Abmessg. Kühlkörp. Dimens. surf. de refroid. Heatsink dimension cm² x mm
		H = 3% F = 1%					
25	12.5	RB 25 H	0.01 ... 18 k	265	2 500	415 x 1	
50	20	RB 50 H	0.01 ... 68 k	1 250	2 500	930 x 1.5	
75	35	RB 75 H	0.1 ... 50 k	1 400	3 500	995 x 3	
100	40	RB 101 H	0.1 ... 70 k	1 900	3 500	995 x 3	
150	55	RB 150 H	0.1 ... 100 k	2 500	3 500	995 x 3	
150	75	RB 100 H	0.1 ... 100 k	1 900	4 500	930 x 3	
250	100	RB 250 H	0.1 ... 120 k	2 300	4 500	930 x 3	

Temperature coefficient 0.1 ... < 1Ω = 30ppm, 1Ω ... < 20Ω = 50ppm, > 20Ω = 30ppm

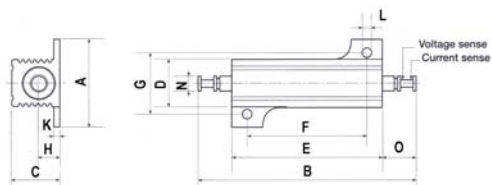


TYPE	A	B	C	D	E	F	G	H	J	K	L	M	N	Ø
RB 25	27.2	49	14	14	27	18.3	19.8	6.5	4.4	2	3.2		2	2.2
RB 50	29.2	71	16	16	50	39.7	21.5	7	5.2	2	3.2		2	2.2
RB 75	47.5	73	24	27	48	29	37	11.5	9.5	3.5	4.4		3	3.2
RB 101	47.5	89	24	27	64	35	37	11.5	14.5	3.5	4.4		3	3.2
RB 150	47.5	122	24	27	97	58	37	11.5	19.5	3.5	4.4		3	3.2
RB 100	71.5	139	44.5	46	89	-	57.1	20	9.6	5	4.8	69.8	M5	-
RB 250	76	178	55.6	54	114	98.4	63.5	25.5	7.8	6.3	4.8	98.4	M6	-
Tol. ±	0.2	1	0.2	0.2	0.5	0.2	0.2	0.2	0.5	0.2	0.2	0.2	0.2	0.2

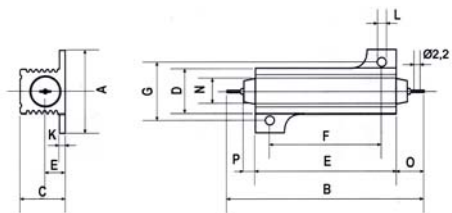
### KELVIN ANSCHLÜSSE



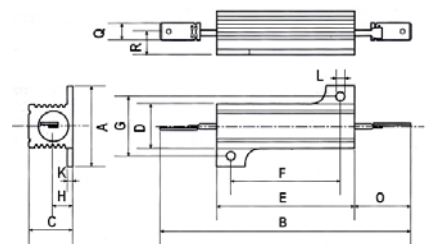
**RB 25 / 4**                      **RB 50 / 4**  
 TEMP.- COEF. 0.01 – 0.1 Ω E 12 200 – 100 ppm  
**25 W**                      Pn                      **50 W**  
**50A**                      I<sub>max.</sub>                      **70A**  
**KELVIN LEAD**



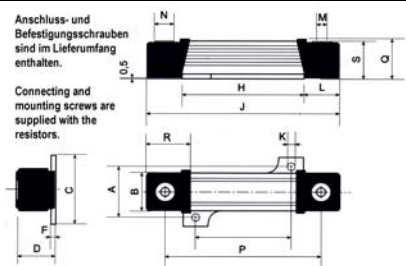
**VERLÄNGERTE KRIECHSTRECKE**  
**RB 25 / 6**                      **RB 50 / 6**  
 TEMP.- COEF. 0.1 Ω - R-max.E 12 100 – 30 ppm  
 > 6.5 mm Kriechstr.                      Creep dist. > 10 mm  
**25 W**                      Pn                      **50 W**  
**LARGE CREEP DISTANCE**



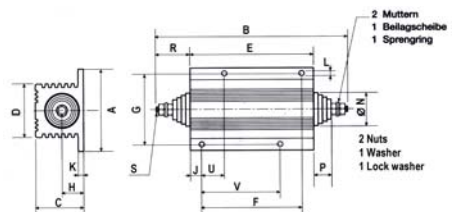
**FLACHSTECKER ANSCHLÜSSE**  
**RB 25 / 7**                      **RB 50 / 7**  
 TEMP.- COEF. 0.1 Ω - R-max.E 12 100 – 30 ppm  
 Flachstecker 6.35 mm                      FASTON  
**25 W**                      Pn                      **50 W**  
**FASTON LEAD**



**SCHRAUBANSCHLÜSSE**  
**RB 50 / 8**                      Pn **50 W**  
 TEMP.- COEF. 0.1 Ω - R-max.E 12 100 – 30 ppm  
 Drehmom. Für Anchl. & Montage max. 1.5 Nm  
 Max. torque for contacts & mount. 1.5Nm  
**SCREW LEAD ( TOP )**



**VERLÄNGERTE KRIECHSTRECKE**  
**RB 106**                      **RB 256**  
 TEMP.- COEF. 0.1 Ω - R-max.E 12 100 – 30 ppm  
 > 22 mm Kriechstr.                      Creep dist. > 25 mm  
**150 W**                      Pn                      **250 W**  
**LARGE CREEP DISTANCE**



TYPE	A	B	C	D	E	F	G	H	J	K	L	N	O	P	Q	R	S	T	V	Z	Ø
RB 25 / 4	27.7	49	14	14	27	18.3	10.8	6.5		2	3.2	4	10.5								
RB 50 / 4	29.2	71	16	16	50	39.7	21.5	7		2	3.2	5	10.5								
Tol. ±	0.2	1	0.2	0.2	0.5	0.2	0.2	0.2		0.2	0.1	0.2	1								
RB 25 / 6	27.7	49	14	14	24	18.3	19.8	6.5		2	3.2	8	12.5	4							2.2
RB 50 / 6	29.8	75	16	16	46	39.7	21.5	7		2	3.2	10	14.5	6							2.2
Tol. ±	0.2	1	0.2	0.2	0.5	0.2	0.2	0.2		0.2	0.1	0.5	1	0.5							
RB 25 / 7	27.7	69	14	14	27	18.3	19.8	6.5		2	3.2		21		6.35	7.7					
RB 50 / 7	29.2	91	16	16	50	39.7	21.5	7		2	3.2		20.5		6.35	8.2					
Tol. ±	0.2	2	0.2	0.2	0.5	0.2	0.2	0.2		0.2	0.1		2		-	1					
RB 106	71.5	139	44.5	46	89	69.8	57.1	20	9.6	5	4.8	32	25	12			M5				
RB 256	76	178	55.6	54	114	98.4	63.5	25.5	7.8	6.3	4.8	32	32	16			M6		22.2	76.2	
Tol. ±	0.5	2	0.5	0.5	0.5	0.2	0.2	0.5	0.5	0.5	0.2		0.2						0.2	0.2	
TYPE	A	B	C	D	F	G	H	J	K	L	M	N	P	Q	R	S					
RB 50 / 8	21.5	16	29.2	16	2	39.7	50	79.5	3.2	14.5	M4	8	65	17.5	18.5	16.5					
Tol. ±	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.2	0.1	0.5			1	0.5	0.5	0.5					