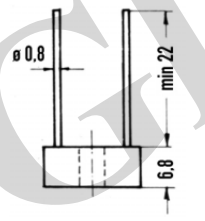
Einphasige Gleichrichter mit Belastungsströmen von 2 A bis 50 A
Single phase rectifier with current loads from 2 A to 50 A

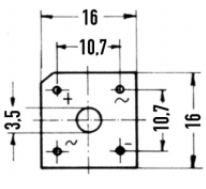
herrmann

Typ · Type		$V_{(BR)}$	V_{RRM}	I_{FRMS}	I_{DAVM} T_A = 25 °C						T_C = 100 °C	I_{FSM}; t = 10 ms; T_{VJ} = 25 °C/T_{VJM}	i^2dt; t = 10 ms; T_{VJ} = 25 °C/T_{VJM}	v_f/i_f	T_{VJM}	R_{thJC}/Circuit	R_{thJC}/Circuit	Fig.
					Freier Aufbau · Free installation	K... R_{thCA} = 3 K/W	K... R_{thCA} = 2 K/W	K... R_{thCA} = 1,5 K/W	K... R_{thCA} = 0,5 K/W	K... R_{thCA} = 0,2 K/W								
		V	V	V	A	A	A	A	A	A	A	A	A^2S	V/A	°C	K/W	K/W	Nr.
KS 18 -B	30/ 25 - 2 60/ 52 125/110 250/220 380/340 500/440	-	100 200 400 600 800 1000	2,2	2	3	3,3	3,5	4	-	1,8	150	50/40	12,5/8	0,95/1	31	0,15	18
KS 19 -B	30/ 25 - 6 60/ 52 125/110 250/220 380/340 500/440	-	100 200 400 600 800 1000	6,6	3	4,5	5	5,2	6	-	2,8	150	200/160	200/130	1,0/3	10	0,15	19
KS 20 -B	30/ 25 - 10 60/ 52 125/110 250/220 380/340 500/440	-	100 200 400 600 800 1000	11	3,7	5,5	6,1	6,4	7,4	-	5,0	150	200/160	200/130	1,1/5	8	0,15	19

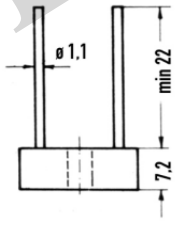
Maße in mm · Dimensions in mm

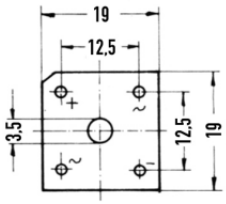
18





19





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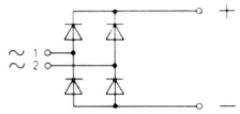
Einphasige Gleichrichter mit Belastungsströmen von 2 A bis 50 A
Single phase rectifier with current loads from 2 A to 50 A

Typ · Type



Typ · Type	$V_{(BR)}$ V	V_{RRM} V	I_{DAVM}; R-load: without heatsink $T_A = 45\,°C$ A	with 250 x 250 x 1 mm $T_A = 45\,°C$ A	K...KP 5/100 $T_A = 45\,°C$ A	K...KP 9/120 $T_A = 45\,°C$ A	I_{FSM}; $T_J = 150\,°C$ A	$\int i^2dt$; $T_J = 150\,°C$ A^2S	v_F/i_F typ. V/A	T_{VJM} °C	R_{thJC}/Circuit K/W	R_{thCK}/Circuit K/W	w g	Fig. Nr.
KB 63 A2 - B2 U 01 -10	-	100	3,5	10	13	15,5	200	200	1,60/100	150	2,5	0,15	~ 15	24
02		200												
04		400												
06		600												
08		800												
10		1000												
12		1200												
14		1400												
16		1600												
KB 63 A3 - B2 U 01 -10	-	100	3,5	10	13	15,5	200	200	1,60/100	150	2,5	0,15	~ 14	25
02		200												
04		400												
06		600												
08		800												
10		1000												
12		1200												
14		1400												
16		1600												
KB 63 A2 - B2 U 01 -28	-	100	4	12,5	16,5	21	300	450	1,20/70	150	1,75	0,15	~ 15	24
02		200												
04		400												
06		600												
08		800												
10		1000												
12		1200												
14		1400												
16		1600												
KB 63 A3 - B2 U 01 -28	-	100	4	12,5	16,5	21	300	450	1,20/70	150	1,75	0,15	~ 14	25
02		200												
04		400												
06		600												
08		800												
10		1000												
12		1200												
14		1400												
16		1600												
KB 63 A2 - B2 U 01 -36	-	100	4,5	16,5	23	32	400	800	1,20/80	150	0,95	0,15	~ 15	24
02		200												
04		400												
06		600												
08		800												
10		1000												
12		1200												
14		1400												
16		1600												

Maße in mm · Dimensions in mm

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Single phase rectifier with current loads from 2 A to 50 A

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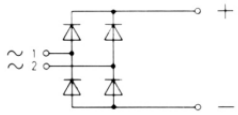
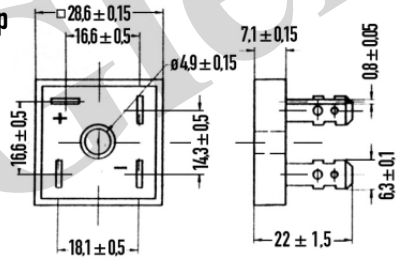
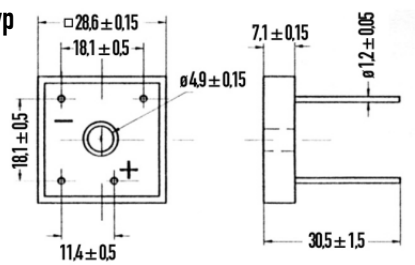
Typ · Type		$V_{(BR)}$	V_{RRM}	I_{DAVM}; R-load				I_{FSM}; T_J = 150 °C	$\int i^2dt$; T_J = 150 °C	v_F/i_F typ.	T_{VJM}	R_{thJC}/Circuit	R_{thCK}/Circuit	W	Fig.
				without heatsink T_A = 45 °C	with 250 x 250 x 1 mm T_A = 45 °C	K...KP 5/100 T_A = 45 °C	K...KP 9/120 T_A = 45 °C								
		V	V	A	A	A	A	A	A^2S	V/A	°C	K/W	K/W	g	Nr.
KB 63 A3 - B2 U	01 -36	-	100	4,5	16,5	23	32	400	800	1,20/80	150	0,95	0,15	~ 15	25
	02		200												
	04		400												
	06		600												
	08		800												
	10		1000												
	12		1200												
	14		1400												
	16		1600												
KB 63 A3 - B2 U	01 -50	-	100	5	18	25,5	36	500	1250	1,20/100	150	0,75	0,15	~ 15	24
	02		200												
	04		400												
	06		600												
	08		800												
	10		1000												

Maße in mm · Dimensions in mm

24 F-Typ



25 W-Typ



Kunststoffgehäuse mit Al-Bodenplatte
Plastic case with Al-bottom

Einphasige Gleichrichter mit Belastungsströmen von 2 A bis 50 A
Single phase rectifier with current loads from 2 A to 50 A

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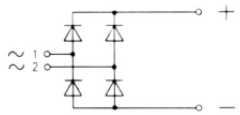
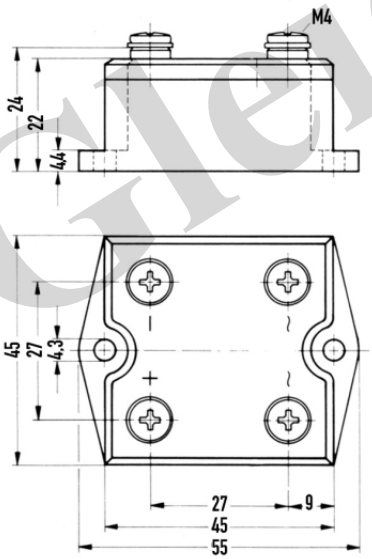
Typ · Type 	$V_{(BR)}$ V	V_{RRM} V	I_{DAVM}; R-load: without heatsink T_A = 45 °C A	I_{DAVM}; R-load: with 250 x 250 x 1 mm T_A = 45 °C A	I_{DAVM}; R-load: R_{thCA} = 0,65 K/W; T_A = 45 °C A	I_{DAVM}; R-load: R_{thCA} = 0,20 K/W; T_A = 35 °C A	I_{FRMS}; T_J = 150 °C A	$\int i^2dt$; T_J = 150 °C A^2S	v_F/i_F V/A	T_{VJM} °C	R_{thJC}/Circuit K/W	R_{thCK}/Circuit K/W	w g	Fig. Nr.
*KB 66 -B 2 U 80/ 70 -30 125/110 250/220 380/340 500/440	-	200 400 800 1200 1600	6,5	15	28	-	400	800	2,2/150	150	0,70	0,10	135	31
*KB 67 -B 2 U 80/ 70 -50 125/110 250/220 380/340 500/440	-	200 400 800 1200 1600	10	20	35	40	700	2450	1,60/150	150	0,65	0,06	260	32

*** UL-Qualität · UL- quality**

Maße in mm · Dimensions in mm

31



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