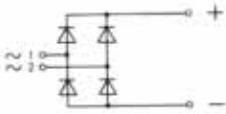


Kompaktgleichrichter

Compact rectifiers

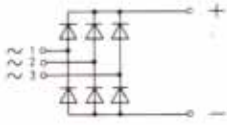
Redresseurs moules



Typ Type Type	V_{RRM} V	I_{DAVM}		R-load		I_{FSM} ($T_J = 150^\circ\text{C}$) A	$\int i^2 dt$ ($T_J = 150^\circ\text{C}$) A ² s	V_F/I_F ($T_J = 25^\circ\text{C}$) V/A	V_{TO}/I_F ($T_J = 150^\circ\text{C}$) V/m Ω	T_{VJM} $^\circ\text{C}$	R_{thJC} / Circuit K/W	R_{thCK} / Circuit K/W	w g	Fig. Nr.
		without heatsink $T_A = 45^\circ\text{C}$ A	250x250x1 mm $T_A = 45^\circ\text{C}$ A	heatsink P1/120 $T_A = 45^\circ\text{C}$ A	heatsink P1/120 F $T_A = 35^\circ\text{C}$ A									
S 71 - B2U 30 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	6,5	15	30	35	360	650	2,2/150	0,85/12	150	0,7	0,10	135	9
S 81 - B2U 50 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	10	20	35	50	670	2250	1,5/150	0,85/8	150	0,65	0,06	260	10
S 91 - B2U 65 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	—	24	48	65	670	2250	1,6/150	0,85/5	150	0,27	0,07	160	11
S101 - B2U 75 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	—	22	48	75	850	3610	1,6/150	0,8/6	150	0,22	0,05	250	12
S101 - B2U 100 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	—	27	58	100	1350	9120	1,5/150	0,8/5	150	0,138	0,05	250	12
S101 - B2U 125 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	—	28	62	125	1600	12800	1,3/150	0,8/3	150	0,138	0,05	250	12

 V_{max} (50-60 Hz RMS) : 2500 V ~

 Glasspassivated diode chips from 1200 V onward
 UL-quality

Kompaktgleichrichter
Compact rectifiers
Redresseurs moules


Typ Type Type	V_{RRM} V	I_{DAVM}				I_{FSM} ($T_J = 150^\circ\text{C}$) A	$\int i^2 dt$ ($T_J = 150^\circ\text{C}$) A ² s	V_F/I_F ($T_J = 25^\circ\text{C}$) V/A	V_{T0}/I_F ($T_J = 150^\circ\text{C}$) V/m Ω	T_{VJM} $^\circ\text{C}$	R_{thJC} /Circuit K/W	R_{thCK} /Circuit K/W	w g	Fig. Nr.
		without heatsink $T_A = 45^\circ\text{C}$ A	250x250x1 mm $T_A = 45^\circ\text{C}$ A	heatsink P1/120 $T_A = 45^\circ\text{C}$ A	heatsink P1/120 F $T_A = 35^\circ\text{C}$ A									
S 81 - B6U 60 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	10	22	40	60	670	2250	1,5/150	0,85/8	150	0,45	0,06	260	10
S 91 - B6U 70 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	—	28	56	75	670	2250	1,6/150	0,85/5	150	0,18	0,07	160	11
S101 - B6U 80 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	—	23	49	80	850	3610	1,6/150	0,8/6	150	0,17	0,05	250	12
S101 - B6U 135 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	—	28	65	135	1350	9120	1,5/150	0,8/5	150	0,14	0,05	250	12
S101 - B6U 160 - 02 - 04 - 08 - 12 - 16	200 400 800 1200 1600	—	30	70	160	1600	12800	1,3/150	0,8/3	150	0,14	0,05	250	12

V_{isol} (50-60 Hz RMS) : 2500 V ~

Glasspassivated diode chips from 1200 V onward

UL-quality