

ISOPACK Modules

Type	V_{DRM}, V_{RRM} $V_{DSM} = V_{DRM}$ $V_{RSM} = V_{RRM} + 100 V$ V	I_{TRMSM} A	I_{TSM} 10 ms, $t_{vj, max}$ A	$\int i^2 dt$ 10 ms, $t_{vj, max}$ A ² s	I_d/t_C (I_{RMS}/t_C) A/°C	$V_{(TO)}$ $t_{vj} =$ $t_{vj, max}$ V	r_T $t_{vj} =$ $t_{vj, max}$ mΩ	R_{thJC} per arm °C/W	R_{thCK} per arm °C/W	$t_{vj, max}$ °C	Outline
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Three phase bridges, fully controlled

TT B6C 60 N	600 800 1000 1200 1400 1600	50	500	1250	60/85 87/59	1,05	8	1,3 ¹⁾	0,2	125	62
TT B6C 75 N	600 800 1000 1200 1400 1600	60	580	1680	75/85 105/62	1	6	1,1 ¹⁾	0,2	125	62
TT B6C 90 N	600 800 1000 1200 1400 1600	75	750	2810	90/85 130/60	1,05	5,2	0,86 ¹⁾	0,2	125	62
TT B6C 110 N	600 800 1000 1200 1400 1600	90	870	3780	110/85 155/60	1	4,2	0,75 ¹⁾	0,2	125	62

Three phase bridges, half controlled

TD B6HK 60 N	600 800 1000 1200 1400 1600	50	500	1250	60/85 87/59	1,05	8	1,3 ¹⁾	0,2	125	62
TD B6HK 75 N	600 800 1000 1200 1400 1600	60	580	1680	75/85 105/62	1	6	1,1 ¹⁾	0,2	125	62
TD B6HK 90 N	600 800 1000 1200 1400 1600	75	750	2810	90/85 130/60	1,05	5,2	0,86 ¹⁾	0,2	125	62
TD B6HK 110 N	600 800 1000 1200 1400 1600	90	870	3780	110/85 155/60	1	4,2	0,75 ¹⁾	0,2	125	62

Single phase bridges, fully controlled

TT B2C 70 N	600 800 1000 1200 1400 1600	75	750	2810	70/85 95/65	1,05	5,2	0,75 ²⁾	0,2	125	62
TT B2C 85 N	600 800 1000 1200 1400 1600	90	870	3780	85/85 115/65	1	4,2	0,65 ²⁾	0,2	125	62

Single phase bridges, half controlled

TD B2HZ 70 N	600 800 1000 1200 1400 1600	75	750	2810	70/85 95/65	1,05	5,2	0,75 ²⁾	0,2	125	62
TD B2HZ 85 N	600 800 1000 1200 1400 1600	90	870	3780	85/85 115/65	1	4,2	0,65 ²⁾	0,2	125	62

Single phase bridges, half controlled, with free-wheeling diode

TD B2HKF 70 N	600 800 1000 1200 1400 1600	75	750	2810	70/85 95/65	1,05	5,2	0,75 ²⁾	0,2	125	62
TD B2HKF 85 N	600 800 1000 1200 1400 1600	90	870	3780	85/85 115/65	1	4,2	0,65 ²⁾	0,2	125	62

Dreiphasen-Wechselschaltungen / Three phase AC switches / Interrupteurs statiques triphasés

TT W3C 80 N	600 800 1000 1200 1400 1600	75	750	2810	(80/85) (106/65)	1,05	5,2	0,75 ²⁾	0,2	125	62
TT W3C 95 N	600 800 1000 1200 1400 1600	90	870	3780	(95/85) (128/65)	1	4,2	0,65 ²⁾	0,2	125	62

- 1) 180°el Sinus
2) 120°el Square