IGBT Modules—1700V

Part number	V_{DRM} V	I_C A	T_C ℃	$I_{C(PK)}$ A	V_F V	Total E_{sw} @T_C=125℃ mJ	$R_{th(j-c)}$ per arm ℃/kW	Outline code	Baseplate dims mm	Baseplate material
IGBT Modules—Bi-directional switch										
DIM400PBM17-A	±1700	400	75	800	4.9	350	36	P	140×73	AlSiC

Part number	I_C A	T_C ℃	$I_{C(PK)}$ A	$V_{CE(SAT)}$ @T_C=25℃ V	Total E_{sw} @T_C=125℃ mJ	$R_{th(j-c)}$ per arm ℃/kW	Outline code	Baseplate dims mm	Baseplate material
IGBT Modules—Chopper									
DIM200WKS17-A (upper arm control)	200	65	400	2.7	140	90	W	107×62	Cu
DIM200WLS17-A (upper arm control)	200	65	400	2.7	140	90	W	107×62	Cu
DIM400DCM17-A	400	75	800	2.7	270	36	D	140×130	AlSiC
DIM600DCM17-A	600	70	1200	2.7	620	24	D	140×130	AlSiC
DIM800DCM17-A	800	75	1600	2.7	785	18	D	140×130	AlSiC
IGBT Modules—Dual switch									
DIM400DDM17-A	400	75	800	2.7	350	36	D	140×130	AlSiC
DIM600DDM17-A	600	75	1200	2.7	620	27	D	140×130	AlSiC
DIM800DDM17-A	800	75	1600	2.7	700	18	D	140×130	AlSiC
IGBT Modules—Half bridge									
DIM200WHS17-A	200	65	400	2.7	140	90	W	107×62	Cu
DIM300WHS17-A	300	65	600	2.7	260	67	W	107×62	Cu
DIM400PHM17-A	400	75	800	2.7	350	36	P	140×73	AlSiC
DIM400WHS17-A	400	65	800	2.7	350	45	W	107×62	Cu
IGBT Modules—Single switch									
DIM400BSS17-A	400	65	600	2.7	250	45	B	107×62	Cu
DIM600BSS17-A	600	65	1200	2.7	530	30	B	107×62	Cu
DIM800FSM17-A	800	75	1600	2.7	700	18	F	140×130	AlSiC
DIM1200FSM17-A	1200	85	2400	2.7	1000	12	F	140×130	AlSiC
DIM1600FSM17-A	1600	75	3200	2.7	1250	9	F	140×130	AlSiC
DIM2400ESM17-A	2400	75	4800	2.7	1950	6	E	190×140	AlSiC