

IGBT Standard Modules

Siemens Type	V _{CE} V	I _C A	R _{thJC} K/W ≤	P _{tot} W	V _{CEsat} V	outline
600V-Types						
3-Phase-Full-Bridges						
BSM 10 GD 60 DN 2	600	6 x 10	3.5	35	2.1	3
BSM 15 GD 60 DN 2	600	6 x 15	2.9	50	2.1	3
BSM 20 GD 60 DN 2	600	6 x 20	1.6	90	2.1	4
BSM 20 GD 60 DN 2 E3224	600	6 x 20	1.6	90	2.1	5
BSM 30 GD 60 DN 2	600	6 x 30	1.2	125	2.1	4
BSM 30 GD 60 DN 2 E3224	600	6 x 30	1.2	125	2.1	5
BSM 50 GD 60 DN 2	600	6 x 50	0.6	200	2.1	5
1200V-Types						
3-Phase-Full-Bridges						
BSM 10 GD 120 DN 2	1200	6 x 10	1.52	80	2.7	on request
BSM 10 GD 120 DN 2 E3224	1200	6 x 10	1.52	80	2.7	5
BSM 15 GD 120 DN 2	1200	6 x 15	0.86	145	2.7	4
BSM 15 GD 120 DN 2 E3224	1200	6 x 15	0.86	145	2.7	5
BSM 15 GD 120 D 2	1200	6 x 15	0.86	145	2.7	6
BSM 25 GD 120 DN 2	1200	6 x 25	0.6	200	2.7	4
BSM 25 GD 120 DN 2 E3224	1200	6 x 25	0.6	200	2.7	5
BSM 25 GD 120 D 2	1200	6 x 25	0.6	200	2.7	6
BSM 50 GD 120 DN 2	1200	6 x 50	0.35	350	2.7	5
BSM 75 GD 120 DN 2	1200	6 x 75	0.239	500	2.7	8
BSM 100 GD 120 DN 2	1200	6 x 100	0.182	500	2.7	8
Half-Bridges						
BSM 50 GB 120 DN 2	1200	2 x 50	0.3	400	2.7	7
BSM 75 GB 120 DN 2	1200	2 x 75	0.2	625	2.7	7
BSM 100 GB 120 DN 2 K	1200	2 x 100	0.18	700	2.7	7
BSM 100 GB 120 DN 2	1200	2 x 100	0.16	800	2.7	9
BSM 150 GB 120 DN 2	1200	2 x 150	0.1	1250	2.7	9
BSM 200 GB 120 DN 2	1200	2 x 200	0.095	1400	2.7	9
Choppers						
BSM 50 GAL 120 DN 2	1200	50	0.3	400	2.7	7
BSM 75 GAL 120 DN 2	1200	75	0.2	625	2.7 ³	7
BSM 100 GAL 120 DN 2	1200	100	0.16	800	2.7	9
BSM 150 GAL 120 DN 2	1200	150	0.1	1250	2.7	9
BSM 200 GAL 120 DN 2	1200	200	0.095	1400	2.7	9
Single Switches						
BSM 200 GA 120 DN 2	1200	200	0.08	1550	2.7	10
BSM 300 GA 120 DN 2	1200	300	0.05	2500	2.7	10
BSM 400 GA 120 DN 2	1200	400	0.045	2800	2.7	10
1700V-Types						
Half-Bridges						
BSM 50 GB 170 DN 2	1700	2 x 50	0.25	500	3.5	7
BSM 75 GB 170 DN 2	1700	2 x 75	0.2	625	3.5	7
BSM 100 GB 170 DN 2	1700	2 x 100	0.13	1000	3.5	9
BSM 150 GB 170 DN 2	1700	2 x 150	0.1	1250	3.5	9
Single Switches						
BSM 200 GA 170 DN 2	1700	200	0.07	1750	3.5	10
BSM 300 GA 170 DN 2	1700	300	0.05	2500	3.5	10



