

+23-05

Leistungsmodule / Power Modules

SIMOPAC®

Type	$V_{DS(max)}$ V	$I_{D(max)}$ A	R_{thJC} K/W	P_{tot} W	$R_{DS(on)max}$ mΩ	Fig.
------	--------------------	-------------------	-------------------	----------------	-----------------------	------

Einzelrichter Single switches

S BSM 111 AR (C)	100	200	0.18	700	8.5	19
S BSM 121 AR (C)	200	130	0.18	700	20	19
S BSM 141	400	60	0.2	625	75	19
S BSM 151 (C)	500	48	0.2	625	120	19
S BSM 151 R		48	0.2	625	120	19
S BSM 151 F (C)		56	0.18	700	110	19
BSM 151 FR		56	0.18	700	110	19
S BSM 181 (C)	800	36	0.18	700	240	19
S BSM 181 R		36	0.18	700	240	19
S BSM 181 F (C)		34	0.18	700	320	19
BSM 181 FR		34	0.18	700	320	19
S BSM 191 (C)	1000	28	0.18	700	370	19
S BSM 191 F (C)		28	0.18	700	420	19

Halbbrücken Half-bridges

S BSM 214 A	100	2 x 120	0.31	400	13	20a
S BSM 224 A	200	2 x 80	0.31	400	30	20a
S BSM 244 F	400	2 x 45	0.31	400	100	20a
S BSM 252 F	500	2 x 18	0.55	225	350	20a
S BSM 254 F		2 x 35	0.31	400	170	20a
S BSM 282 F	800	2 x 11	0.55	225	960	20a
S BSM 284 F		2 x 20	0.31	400	480	20a
S BSM 294 F	1000	2 x 18	0.31	400	630	20a

3-Phasen-Vollbrücken 3-Phase full-bridges

S BSM 651 F	500	9	1	125	700	21a
S BSM 652 F		17	0.55	225	3500	21a
S BSM 681 F	800	5.3	1	125	1900	21a
S BSM 682 F		10	0.55	225	950	21a
S BSM 691 F	1000	4.8	1	125	2500	21a
S BSM 692 F		9	0.55	225	1250	21a

(C) Modules with internal floating drive circuit upon request