

SINAMICS G110

Inverter chassis units 0.12 kW to 3 kW (0.16 hp to 4.0 hp)

Controlled Power Modules

Selection and Ordering Data

Output		Rated input current (at 230 V)	Rated output current	Frame size	Version	SINAMICS G110 without filter	SINAMICS G110 with integrated filter	Filter class ¹⁾ With use of shielded cables with a max. cable length of		
kW	hp	A	A			Order No.	Order No.	5 m	10 m	25 m
0.12	0.16	2.3	0.9	FSA	Analog	6SL3211-0AB11-2UA1	6SL3211-0AB11-2BA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB11-2UB1	6SL3211-0AB11-2BB1	B	A ²⁾	A ²⁾
					Analog (with flat heat sink)	6SL3211-0KB11-2UA1	6SL3211-0KB11-2BA1	B	A ²⁾	A ²⁾
					USS (with flat heat sink)	6SL3211-0KB11-2UB1	6SL3211-0KB11-2BB1	B	A ²⁾	A ²⁾
0.25	0.33	4.5	1.7	FSA	Analog	6SL3211-0AB12-5UA1	6SL3211-0AB12-5BA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB12-5UB1	6SL3211-0AB12-5BB1	B	A ²⁾	A ²⁾
					Analog (with flat heat sink)	6SL3211-0KB12-5UA1	6SL3211-0KB12-5BA1	B	A ²⁾	A ²⁾
					USS (with flat heat sink)	6SL3211-0KB12-5UB1	6SL3211-0KB12-5BB1	B	A ²⁾	A ²⁾
0.37	0.5	6.2	2.3	FSA	Analog	6SL3211-0AB13-7UA1	6SL3211-0AB13-7BA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB13-7UB1	6SL3211-0AB13-7BB1	B	A ²⁾	A ²⁾
					Analog (with flat heat sink)	6SL3211-0KB13-7UA1	6SL3211-0KB13-7BA1	B	A ²⁾	A ²⁾
					USS (with flat heat sink)	6SL3211-0KB13-7UB1	6SL3211-0KB13-7BB1	B	A ²⁾	A ²⁾
0.55	0.75	7.7	3.2	FSA	Analog	6SL3211-0AB15-5UA1	6SL3211-0AB15-5BA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB15-5UB1	6SL3211-0AB15-5BB1	B	A ²⁾	A ²⁾
					Analog (with flat heat sink)	6SL3211-0KB15-5UA1	6SL3211-0KB15-5BA1	B	A ²⁾	A ²⁾
					USS (with flat heat sink)	6SL3211-0KB15-5UB1	6SL3211-0KB15-5BB1	B	A ²⁾	A ²⁾
0.75	1.0	10.0	3.9 (at 40 °C)	FSA	Analog	6SL3211-0AB17-5UA1	6SL3211-0AB17-5BA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB17-5UB1	6SL3211-0AB17-5BB1	B	A ²⁾	A ²⁾
					Analog (with flat heat sink)	6SL3211-0KB17-5UA1	6SL3211-0KB17-5BA1	B	A ²⁾	A ²⁾
					USS (with flat heat sink)	6SL3211-0KB17-5UB1	6SL3211-0KB17-5BB1	B	A ²⁾	A ²⁾
1.1	1.5	14.7	6.0	FSB	Analog	6SL3211-0AB21-1UA1	6SL3211-0AB21-1AA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB21-1UB1	6SL3211-0AB21-1AB1	B	A ²⁾	A ²⁾
1.5	2.0	19.7	7.8 (at 40 °C)	FSB	Analog	6SL3211-0AB21-5UA1	6SL3211-0AB21-5AA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB21-5UB1	6SL3211-0AB21-5AB1	B	A ²⁾	A ²⁾
2.2	3.0	27.2	11.0	FSC	Analog	6SL3211-0AB22-2UA1	6SL3211-0AB22-2AA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB22-2UB1	6SL3211-0AB22-2AB1	B	A ²⁾	A ²⁾
3.0	4.0	35.6	13.6 (at 40 °C)	FSC	Analog	6SL3211-0AB23-0UA1	6SL3211-0AB23-0AA1	B	A ²⁾	A ²⁾
					USS	6SL3211-0AB23-0UB1	6SL3211-0AB23-0AB1	B	A ²⁾	A ²⁾

The current data apply to an ambient temperature of 50 °C unless specified otherwise.

The last digit of the complete order number for the SINAMICS G110 inverters represents the release version. When ordering, a different digit from the one specified may be present as a result of further technical development.

All SINAMICS G110 inverters are supplied without an operator panel (BOP). A BOP or other accessories must be ordered separately.

¹⁾ The **highlighted** filter class is quoted on the rating plate of the inverter.

²⁾ Class B also with additional filter.