

Clicking to SiePortal

6SL3255-0AA00-5AA0



IP20/UL Open Type · 380 ... 500 V 3 AC · 1.1 kW to 160 kW (1.5 hp to 200 hp)

Selection and ordering data

SINAMICS G220 built-in and wall-mounted units → Configuration with power components (see right page)

Rated power				Rated output current				Rated input current		Frame size	SINAMICS G220 without integrated line filter	SINAMICS G220 with integrated line filter
Low overload (LO)		High overload (HO)		Low overload (LO)		High overload (HO)		Low overload (LO)				
Acc. to IEC	Acc. to NEC	Acc. to IEC	Acc. to NEC	Acc. to IEC	Acc. to NEC	Acc. to IEC	Acc. to NEC	Acc. to IEC	Acc. to NEC			
400 V	480 V	400 V	480 V	400 V	480 V	400 V	480 V	400 V	480 V			
kW	hp	kW	hp	A	A	A	A	A	A	Article No.		Article No.
380 ... 500 V 3 AC · Rated pulse frequency 4 kHz · Input frequency 50/60 Hz (47 ... 63 Hz)												
1.1	1.5	0.75	1	3.9	3.0	2.9	2.1	3.3	3.0	FSA	6SL4113-0 A 08 - 0	6SL4113-0 A 08 - 2
1.5	2	1.1	1.5	4.7	3.4	3.9	3.0	4.1	3.7	FSA	6SL4113-0 A 10 - 0	6SL4113-0 A 10 - 2
2.2	3	1.5	2	6.5	4.8	4.7	3.4	5.6	4.9	FSA	6SL4113-0 A 11 - 0	6SL4113-0 A 11 - 2
3	4	2.2	3	8.5	6.2	6.5	4.8	7.3	6.1	FSA	6SL4113-0 A 12 - 0	6SL4113-0 A 12 - 2
4	5	3	4	11	7.6	8.5	6.2	9.6	7.3	FSA	6SL4113-0 A 13 - 0	6SL4113-0 A 13 - 2
5.5	7.5	4	5	14.5	11	11	7.6	12.9	11.0	FSB	6SL4113-0 A 15 - 0	6SL4113-0 A 15 - 2
7.5	10	5.5	7.5	19	14	14.5	11	17.3	14.0	FSB	6SL4113-0 A 16 - 0	6SL4113-0 A 16 - 2
11	15	7.5	10	27	21	19	14	23.3	19.6	FSC	6SL4113-0 A 17 - 0	6SL4113-0 A 17 - 2
15	20	11	15	34	27	27	21	31.3	25.4	FSC	6SL4113-0 A 18 - 0	6SL4113-0 A 18 - 2
18.5	25	15	20	40	34	34	27	37.8	31.6	FSD1	6SL4113-0 A 20 - 0	6SL4113-0 A 20 - 2
22	30	18.5	25	46	40	40	34	44.9	37.5	FSD1	6SL4113-0 A 21 - 0	6SL4113-0 A 21 - 2
30	40	22	30	63	52	46	40	59.9	49.8	FSD2	6SL4113-0 A 23 - 0	6SL4113-0 A 23 - 2
37	50	30	40	75	65	63	52	72.6	59.9	FSD2	6SL4113-0 A 24 - 0	6SL4113-0 A 24 - 2
45	60	37	50	90	77	75	65	86.7	71.3	FSE	6SL4113-0 A 26 - 0	6SL4113-0 A 26 - 2
55	75	45	60	112	96	90	77	105.9	88.3	FSE	6SL4113-0 A 27 - 0	6SL4113-0 A 27 - 2
75	100	55	75	150	124	112	96	145.7	118.6	FSF1	6SL4113-0 A 30 - 0	6SL4113-0 A 30 - 2
90	125	75	100	178	156	150	124	172.3	145.8	FSF1	6SL4113-0 A 31 - 0	6SL4113-0 A 31 - 2
110	150	90	125	215	180	178	156	208.5	172.5	FSF1	6SL4113-0 A 33 - 0	6SL4113-0 A 33 - 2
132	175	110	150	255	207	215	180	256.2	208.5	FSF2		6SL4113-0 A 35 -
160	200	132	175	310	240	255	207	310.9	237.5	FSF2		6SL4113-0 A 36 -

Article No. supplements

Degree of protection	Cooling	Coating acc. to IEC 60721-3-3: 2002	Housing
IP20/UL Open Type	Internal	Class 3C2 Class 3C3	Standard
Hardware configuration			
Standard			
Line filter			
Without integrated line filter			
With integrated line filter Category C2			
With integrated line filter Category C3 - only available for FSF2			
Additional hardware option			
Without hardware option or with more than one hardware option (see Special versions)			
OM-DQ Option Module DRIVE-CLiQ			
OM-IIoT Option Module IIoT			
OM-SMT Option Module Safe Motor Temperature			
Communication			
Modbus RTU			
PROFINET, Modbus TCP and EtherNet/IP			
PROFIBUS DP			
Special versions			
Order codes			
Only for selection of more than one hardware option (Additional hardware option = "A")			
6SL4113-0 ... - . A . 0			
-Z...+...+...			
OM-DQ Option Module DRIVE-CLiQ			
OM-IIoT Option Module IIoT			
OM-SMT Option Module Safe Motor Temperature			

More information

Further technical specifications and documentation are available on the internet at:
www.siemens.com/sinamics-g220/documentation

and concerning ordering and configuration via the Siemens Product Configurator in SiePortal:
www.siemens.com/sinamics-g220/configuration

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SINAMICS G220 built-in and wall-mounted units

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Line-side components					DC link components	Load-side power components	
Line reactors		Recommended line-side overcurrent protection devices			Braking resistors	Output reactors	dv/dt filters plus VPL ¹⁾
		More information at: www.siemens.com/sinamics-g220/ocpd			The prefix "JJY:" is part of a Siemens internal order code which does not belong to the product number of the original equipment manufacturer Heine Resistor GmbH		The prefix "JTA:" is part of a Siemens internal order code that does not belong to the product number of the original manufacturer Mdexx Magnetronic Devices s. r. o..
		Fuses IEC-compliant	Fuses UL/cUL-compliant Rated voltage 600 V AC				
Article No.	Current A	Article No.	Fuse type Class/Article No.	Current A	Article No.	Article No.	Article No.
A DC line reactor is integrated – therefore no line reactor is required.	6	3NA3801	J	6	6SL3201-0BE14-3AA0	–	available soon
	10	3NA3803	J	8		–	available soon
	10	3NA3803	J	10	6SL3201-0BE21-0AA0	–	available soon
	16	3NA3805	J	12		–	available soon
	16	3NA3805	J	15		–	available soon
	20	3NA3807	J	20	6SL3201-0BE21-8AA0	–	available soon
	32	3NA3812	J	30		–	available soon
	40	3NA3817	J	40	6SL3201-0BE23-8AA0	–	available soon
	50	3NA3820	J	50		–	available soon
	63	3NA3822	J	60	JJY:023422620001	–	JTA:TEF1203-0HB
	80	3NA3824	J	70		–	JTA:TEF1203-QJB
	100	3NA3830	J	90	JJY:023424020001	–	JTA:TEF1203-0KB
	100	3NA3830	J	110		–	JTA:TEF1203-0KB
	120	3NA3832	J	125	JJY:023434020001	–	JTA:TEF1203-0KB
	160	3NA3836	J	150		–	JTA:TEF1203-0LB
	160	3NA3836	J	150	JJY:023454020001	–	JTA:TEF1203-0LB
	200	3NA3140	J	175	JJY:023464020001	–	JTA:TEF1203-0MB
	250	3NA3144	J	250		–	JTA:TEF1203-0MB
	300	3NA3250	J	250	available soon	–	available soon
	355	3NA3254	J	350	available soon	–	available soon

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¹⁾ More information at:
<https://support.industry.siemens.com/cs/document/109987996>