

Rilascio alla vendita del SINAMICS G120X 3AC 200...240V

ID: 109776041

10 Marzo 2020

Con effetto immediato viene rilasciato alla vendita il SINAMICS G120X 3AC 200...240V. Con il suddetto rilascio va a completarsi la gamma di tensioni disponibili con il G120X, aggiungendosi alle versioni 3AC 400V e 3AC 690V.

Il SINAMICS G120X 3AC 200...240V è supportato a partire dalla versione firmware v1.01.

Dati tecnici

Grado di protezione	<ul style="list-style-type: none">• IP20 / UL open type
Gamma di potenze	<ul style="list-style-type: none">• 0,75 kW (FSA) ... 55 kW (FSF) non filtrato
Tensione	<ul style="list-style-type: none">• 3AC 200 (-20%) ... 240 (10%) V
Sovraccarico	<ul style="list-style-type: none">• Low overload<ul style="list-style-type: none">○ 1.35x rated output current (135%) for 3 seconds○ 1.1 x rated output current (110%) for 57 seconds○ 1.0 x rated output current (100%) during 240 seconds within a cycle time of 300 seconds• High overload<ul style="list-style-type: none">○ 1,5 x high over load output current (150%) for 60 seconds○ 1.0 x high overload output current (100%) during 540 seconds within a cycle time of 600 seconds

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Ordering data

Rated power ¹⁾		Rated output current ²⁾		Base-load current I_H ³⁾		Rated input current ⁴⁾	Frame size	SINAMICS G120X Degree of protection IP20/UL Open Type without integrated line filter
200 V kW	240 V hp	200 V A	240 V A	200 V A	240 V A	200 V A		Article No.
200 ... 240 V 3 AC · Rated pulse frequency 4 kHz · Input frequency 47 ... 63 Hz								
0.75	1	4.2	4.2	3.2	3.2	3.8	FSA	6SL32 0- YC10- U 0
1.1	1.5	6	6	4.2	4.2	5.4	FSA	6SL32 0- YC12- U 0
1.5	2	7.4	7.4	6	6	6.7	FSA	6SL32 0- YC14- U 0
2.2	3	10.4	10.4	7.4	7.4	9.6	FSB	6SL32 0- YC16- U 0
3	4	13.6	13.6	10.4	10.4	12.7	FSB	6SL32 0- YC18- U 0
4	5	17.5	17.5	13.6	13.6	16.3	FSB	6SL32 0- YC20- U 0
5.5	7.5	22	22	17.5	17.5	20.8	FSC	6SL32 0- YC22- U 0
7.5	10	28	28	22	22	26.3	FSC	6SL32 0- YC24- U 0
11	15	42	42	28	28	40	FSD	6SL32 0- YC26- U 0
15	20	54	54	42	42	51	FSD	6SL32 0- YC28- U 0
18.5	25	68	68	54	54	64	FSD	6SL32 0- YC30- U 0
22	30	80	80	68	68	76	FSE	6SL32 0- YC32- U 0
30	40	104	104	80	80	98	FSE	6SL32 0- YC34- U 0
37	50	130	130	104	104	126	FSF	6SL32 0- YC36- U 0
45	60	154	154	130	130	149	FSF	6SL32 0- YC38- U 0
55	75	192	192	154	154	172	FSF	6SL32 0- YC40- U 0
Article No. supplements								
Environmental class/harmful chemical substances acc. to EN 60721-3-3								
Class 3C2							2	
Class 3C3							3	
Operator Panel								
Without Operator Panel							1	
With BOP-2 Basic Operator Panel (numeric 2-line display)							2	
With IOP-2 Intelligent Operator Panel (graphic color display)							3	
Extension with SINAMICS G120X I/O Extension Module								
Without extension							0	
With SINAMICS G120X I/O Extension Module							1	
Line filter								
Without integrated line filter								U
Communication								
USS, Modbus RTU, BACnet MS/TP								B
PROFINET, EtherNet/IP								F
PROFIBUS DP								P

1): Rated power based on the base-load current I_L . The base-load current I_L is based on the duty cycle for low overload (LO).

2): The rated output current is based on the duty cycle for low overload (LO). These current values are valid for 200 V or 240 V.

3): The base-load current I_H is based on the duty cycle for high overload (HO). These current values are valid for 200 V or 240 V.

4): The input current depends on the motor load and line impedance. The input currents apply for a load at rated power (based on I_L) for a line impedance corresponding to $u_K = 1\%$. The current values are specified on the rating plate of the converter.

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