

SIEMENS

Ingenuity for life



SINAMICS V20

New FSAC frame size

[siemens.com/sinamics-v20](https://www.siemens.com/sinamics-v20)

The SINAMICS V20 is the converter for basic applications – simple to set up, compact and cost effective.

The SINAMICS V20 converter portfolio has been expanded to include the new FSAC frame size in the voltage range 1AC 200 V to 240 V, 1.1 kW to 1.5 kW.

The new FSAC frame size replaces the previous frame size FSB in the voltage range 1AC 200 V to 240 V.

The new FSAC frame size is 40% smaller than the previous frame size FSB, and has an integrated radio interference suppression filter according to EN 61800-3 Category C1.

Highlights

- SINAMICS V20, new FSAC frame size is 40% smaller than the previous frame size FSB
- The SINAMICS V20 converter is now even more compact, and can be more flexibly used
- Integrated radio interference suppression filter EN 61800-3 Category C1 for use in the 1st environment (public grids)

System at glance

SINAMICS V20

3AC 380 V ... 480 V

1AC 200 V ... 240 V

1AC 200 V ... 240 V



1AC 200 V ... 240 V device

Rated data						
P _{rated} (HO)		I _H	Article number	Fans	Frame size	
kW	hp					
0.12	1/6	0.9	6SL3210-5BB11-2	V1	–	FSAA
0.25	1/3	1.7	6SL3210-5BB12-5	V1	–	
0.37	1/2	2.3	6SL3210-5BB13-7	V1	–	
0.55	3/4	3.2	6SL3210-5BB15-5	V1	–	FSAB
0.75	1	4.2	6SL3210-5BB17-5	V1	–	
1.1	1.5	6	6SL3210-5BB21-1	V1	1	FSAC
1.5	2	7.8	6SL3210-5BB21-5	V1	1	New
2.2	3	11	6SL3210-5BB22-2	V0	1	FSC
3	4	13.6	6SL3210-5BB23-0	V0	1	

EMC Standards

Without integrated radio interference filter	U
With integrated radio interference filter category C2 (only available for FSC from 2.2 to 3 kW)	A
With integrated radio interference filter category C1 (only available for FSAA, FSAB and FSAC up to 1.5 kW)	B

Dimensions of the new frame size FSAC:



You can obtain more information from your electrical distributor:

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. The requested performance features are binding only when they are expressly agreed upon in the concluded contract. All product designations could be trademarks or product names of Siemens AG or other companies which, if used by third parties, could infringe the rights of their owners.

To secure plants, systems and machines as well as networks against cyber attacks, a holistic industrial security concept must be implemented (and continuously updated) corresponding to current state-of-the-art technology. Products and solutions from Siemens are just one component of such a concept. You can find additional information about industrial security at siemens.com/industrialsecurity

Published by
Siemens AG
Digital Factory
Motion Control
P.O. Box 31 80
91050 Erlangen, Germany

Subject to change without prior notice |
Article No. DFMC-B10019-00-7600 |
Dispo 06311 |
WÜ/1000173743 SB 04182.0
Printed in Germany
© Siemens AG 2018