

# SIEMENS

*Ingenuity for life*



## SINAMICS V20

New FSAD 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 FSAD frame size in the voltage range 1AC 200 V to 240 V, 2.2 kW to 3 kW.

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

The new FSAD frame size is 32 % smaller than the previous frame size FSC, and has an integrated radio interference suppression filter according to EN 61800-3 Category C1.

### Highlights

- SINAMICS V20, new FSAD frame size is 32 % smaller than the previous frame size FSC
- 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

# System at glance

SINAMICS V20

3AC 380 V ... 480 V

1AC 200 V ... 240 V



FSAA

FSAB

FSAC

FSAD

FSA

FSB

FSC

FSD

FSE

## 1AC 200 V ... 240 V device

| Rated data              |     |                |                 |      |            |      |
|-------------------------|-----|----------------|-----------------|------|------------|------|
| P <sub>rated</sub> (HO) |     | I <sub>H</sub> | 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          |      |
| 2.2                     | 3   | 11             | 6SL3210-5BB22-2 | V1   | 1          | FSAD |
| 3                       | 4   | 13.6           | 6SL3210-5BB23-0 | V1   | 1          |      |

### EMC Standards

|  |   |
|--|---|
| Without integrated radio interference filter   | U |
| With integrated radio interference filter category C1 (available for FSAA, FSAB, FSAC, FSAD) | B |

## Dimensions of the new frame size FSAD:



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](http://siemens.com/industrialsecurity)

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

For the U.S. published by  
Siemens Industry Inc.  
100 Technology Drive  
Alpharetta, GA 30005  
United States

Subject to change without prior notice |  
Article No. DIMC-B10026-00-7600 |  
Dispo 21500 |  
WÜ/1000173743 WS 1119 PDF  
Printed in Germany  
© Siemens AG 2019