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Simplified handling of Sinamics V-converters with new frame size and Profinet connectivity

- **New frame size FSAC for Sinamics V20 converter portfolio**
- **V20 frame size now 40% smaller than predecessor model**
- **Integrated radio interference suppression filter in V20 enables use in public networks**
- **Sinamics V90 frame size FSA now available as Profinet version with 200 V line voltage**
- **V90 with 18% smaller footprint and real-time transmission of process and diagnostic data**

Siemens is extending its Sinamics frequency converter portfolio for standard applications Sinamics V20 to include a new frame size, the FSAC in the voltage range 1AC (Alternating Current) 200 V to 240 V 1.1 kW to 1.5 kW. FSAC is replacing the previous FSB frame (1AC 200V). 40% more compact than its predecessor, the new frame size offers even more flexible and exceptionally space-saving application possibilities.

The Sinamics V20 from the Siemens portfolio is a basic converter which benefits from exceptionally short commissioning times, cost efficiency, simple handling and a robust design. The standard converter is available in nine frame sizes.

There have also been some innovations in the Sinamics V90 servo drive portfolio, where the smallest frame size FSA is now also available as a Profinet version for 0.1 and 0.2 kW, which are covered by frame size FSB at the moment. These changes have enabled the footprint to be reduced by 10 millimeters, making the V90 FSA frame 18 % smaller. It is now also possible to transmit process and diagnostic data over the Profinet interface in real time using a single cable.

Within the V90 servo drive system the Simotics S-1FL6 (SH45, SH 65 and SH90) motor series has also been released in a more compact design, with the connections now angular on the motor side, but straight on the cable side. The Sinamics V90 servo drive system is particularly suited for highly dynamic applications.



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This press release and press pictures are available at www.siemens.com/press/PR2018030204DFEN

For further information on Sinamics V20, please see www.siemens.com/sinamics-V20

For further information on Sinamics V90, please see www.siemens.com/sinamics-V90

For further information on Siemens at the Hannover Messe 2018, please see www.siemens.com/hannover-messe and www.siemens.com/press/hm18

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