

# Certificate



**No.: 968/FSP 2526.00/23**

**Product tested** Safety Function "Safety Shut Off" **Certificate holder** Carrier Global Corporation  
6304 Thompson Road  
NY 13057 East Syracuse  
USA

**Type designation** within 32VS VFD Platform  
Assembly Parts: 32VSS0540, 32VSS0680, 32VSS0900, 32VSS1060, 32VSS1200

**Codes and standards** IEC 61508 Parts 1-7:2010 IEC 61800-5-2:2017, 9.3

**Intended application** The safety function "Safety Shut Off" is capable of disabling the PWM output buffer, the 24VDC gate drive power supply and stop the compressor motor of the chiller of Carrier Global Corp. up to SIL 2 according to IEC 61508 (low-demand mode) with a proof test interval of 2 years according to the definition of safety manual.

Furthermore the system can be used in application area "Stop Category 0" according to IEC 60204-1:2021. Electrical safety has only been taken into account for the integrated safety function.

**Specific requirements** The instructions of the associated Safety Manual shall be considered.

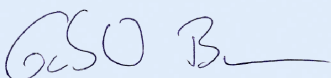
Valid until 2028-08-11

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V3.0:2020 in its actual version, whose results are documented in Report No. 968/FSP 2526.00/23 dated 2023-08-08. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-01.

**TÜV Rheinland Industrie Service GmbH**  
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Köln, 2023-08-11

Certification Body Safety & Security for Automation & Grid

  
Dipl.-Ing. Gebhard Bouwer