

**Danfoss A/S**6430 Nordborg
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CVR nr.: 20 16 57 15Telephone: +45 7488 2222
Fax: +45 7449 0949**MANUFACTURER'S DECLARATION****Danfoss A/S**
Danfoss Climate Solution CC

declares under our sole responsibility that

Product category: Variable Frequency Drive

Type designation(s): CDS203

is not suitable for use in EX classified areas (Atex directive).

When this product is used with flammable refrigerants, the following considerations apply:

- The product has been evaluated in accordance with IEC 60335-2-40:2022 clause 22.116 and verified to be compliant
 - Electrical components within the drive that could normally create arcs or sparks are limited to the relays
 - These relays have been independently tested as per clause 22.116.3 and are not considered an ignition risk
- The product has been evaluated in accordance with IEC 60335-2-40:2022 clause 22.117 and verified to be compliant
 - Hot Surfaces within the product have been verified to remain below the auto-ignition temperatures of the following refrigerants (to list a few) by a margin of at least 100K – R32, R290, R600a, R1270, R454A, R454B, R454C, R455A, R1234yf, R1234ze
- It is still recommended and good practice to further mitigate the risk resulting from leaked refrigerant by the following:
 - Separate product from any area where flammable refrigerant could accumulate
 - Ventilate areas where there is risk of accumulation of flammable refrigerant

Date: 2024.09.05 Place of issue: 301700 Tianjin China	Issued by <i>Lisa Sun</i> Signature: Name: Yanhui Sun Title: Agency manager	Date: 2024.09.05 Place of issue: ZI.de Reyrieux F-01603 Trévoux Cédex	Approved by <i>Fabio Klein</i> Signature: Name: Fabio Klein Title: CC-S&R Head
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Classified as Business

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