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MANUFACTURER’S DECLARATION

Danfoss A/S

Danfoss Cooling Segment, Refrigeration & Air Conditioning Controls

declares under our sole responsibility that the

Product category: Thermostatic Expansion Valves

Type designation(s): TR6 Adjustable and Fixed Valves

Covered by this declaration is in conformity with the following directive(s), standard(s) or other normative document(s), provided that the product is used in accordance with our instructions.

PED Directive 2014/68/EU

EN ISO 21922:2021 Refrigerating systems and heat pumps – Valves – Requirements, testing and marking

Types:	Allowable temperature:
TR6 Adjustable and Fixed Valves	Working range: -10°C/+15°C (+15°F/+60°F)



Types	Connector type	Nominal bore	Max. allowable pressure	Fluid group	PED Category
TR6 Adjustable and Fixed Valves	Solder Pure Copper	DN 6-16mm 1/4 - 5/8 in	49 bar [710psig]	I* & II	A4p3
	Chaleff Brass				
	Aeroquip Brass				
	Flare Brass				

*For group I included only A2L refrigerants

RoHS Directive 2011/65/EU including amendment 2015/863.

IEC 63000:2018 . Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Above mentioned products conform with the restrictions as specified in Annex II of the RoHS Directive, except for a specific components which however conform with the **exemption 6(c)** as specified in Annex III of the RoHS 2 directive.

Date: 2024.07.12 Place of issue: 66634 NL, Mexico	Issued by  Signature: Name: Ana De León Title: Sr. Design Engineer	Date: 2024.07.12 Place of issue: 66633 NL, Mexico	Approved by  DocuSigned by: Signature: Name: José Alejandro Tijerina Title: Sr. Engineering Manager
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Danfoss only vouches for the correctness of the English version of this declaration. In the event of the declaration being translated into any other language, the translator concerned shall be liable for the correctness of the translation

ATEX Directive 2014/34/EU

EN ISO 80079-36:2009 Non-electrical equipment for use in potentially explosive atmospheres. Basic method and requirements

The TR6 valve analysis to the directive ATEX 2014/34/EU has been carried out with the following result:

- This non-electrical product holds no potential ignition source at normal usage.
- The TR6 valve is not covered by the scope of ATEX Directive 2014/34/EU
- The TR6 Valve may be used in the following condition range: Category 3 (Zone 2)

Certificate Of Completion

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Subject: Docu Sign TR6 Manufacturers Declaration	
Source Envelope: BECE7CD60BCC490080BA5C1517086FFB	
Document Pages: 2	Signatures: 1
Certificate Pages: 1	Initials: 0
AutoNav: Enabled	Envelope Originator:
Envelopeld Stamping: Enabled	Ana Lissette De Leon Valdez
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