

**Danfoss A/S**6430 Nordborg  
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Fax: +45 7449 0949**MANUFACTURER'S DECLARATION****Danfoss A/S****Danfoss Climate Solutions**

declares under our sole responsibility that the

**Product category:** Electronic Refrigeration Controls

**Type designation(s):** ETC 1H1, ETC 1H2 & ETC 1H3,ETP R1.

Accessories which are intended to use or supplied with product as specified in the product manual.

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.

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

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


**UK RoHS Regulation: The Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (as amended)**

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

**Components producing sparks during the normal use:**

The control contain relays which produces sparks during normal use. The relays complies with

- EN 60335-2-24 : 2010 Annex CC
- EN 60335-2-89 : 2010 Annex BB

Date: 2021.12.09 Place of Issue: IN - Chennai, 602105	<b>Issued by</b>  <b>Signature:</b> <b>Name:</b> Saravanan Arumugam <b>Title:</b> Lead Compliance - Engineer	Date: 2021.12.09 Place of Issue: Italy - 31015, Conegliano	<b>Approved by</b>  <b>Signature:</b> <b>Name:</b> Alberto Candaten <b>Title:</b> Director R&D and Engineering ECS-RH
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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

## Technical Data

The following relays are used in respective controllers and its variants,

#	Type Designation	Manufacturer Part#	Rated Load	Purpose	Where Used	Approvals	IBExU Reports #
1	Tyco Schrack	RT 930024	16A	Compressor Relay	ETC 1H	IEC/EN 60079-15: 2005	IB-08-8-100
2	Fujitsu	FTR-K1AK028T-LP	16A	Compressor Relay	ETC 1H	IEC/EN 60079-15: 2005	
3	Fujitsu	FTR-K1AK024T-QE	16A	Compressor Relay	ETC 1C	IEC/EN 60079-15: 2005	
4	Omron	G2RL-1A-E-24DC	16A	Compressor Relay	ETC 1C	IEC/EN 60079-15: 2005	IB-10-8-023
5	Takamisawa	NY24W-K	5A	Auxiliary Relay	ETC 1H	IEC/EN 60079-15: 2005	IB-09-8-039
6	Tyco Schrack	PCN-124D3MHZ	5A	Auxiliary Relay	ETC 1H	IEC/EN 60079-15: 2005	
7	Fujitsu	FTRK1AK012T	16A	Compressor Relay	ERC 101 ERC 102 ERC 103 RDI 07 ERC 111 ERC 112 ERC 113 RDI 107	IEC/EN 60079-15: 2005	IB-08-8-100
8	Tyco Schrack	OJ-SS-112LMH2	8A	Auxiliary Relay	ERC 102 ERC 103 ERC 112 ERC 113	IEC/EN 60079-15: 2005	IB-08-8-23