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UK DECLARATION OF CONFORMITY
Danfoss A/S

Refrigeration & Air Conditioning Controls

declares under our sole responsibility that the

Product category: Industrial refrigeration valves

Type designation(s): SVA-S - SVA-L - REG-SA - REG-SB - SCA-X - CHV-X - FIA - SVA-DH - SVA-DL -SVL-F - CSV - NRVA - DSV - AKS38 - ORV - SVA-HL - SVA-S SS - REG-SA SS - REG-SB SS - SCA-X SS - CHV-X SS - FIA-SS - SFA – SFV - BSV - POV - SV - ICV - PM - ICM - ICS - ICF - ICL - ICLX – ICSH - ICC - ICD – KDC - GVD – HFI - PMFL/H – EVRA – EVR- OFC – FIA-140B – SVA-140B

Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PESR category	Module	Certificate-no.
Shut off valve Regulating valve Stop/Check valve Check valve Filters	SVA-S	32-100	52	−60°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484-2-DE
	SVA-L		65	−60°/+150°				
	REG-SA	125-200	52	−60°/+150°	1 and 2	III	H	H: 0879-PESR-H-21484-3-DE
	REG-SB		65	−60°/+150°				
	SCA-X	250	36	−90°/+60°	1 and 2	III	H	H: 0879-PESR-H-21484-3-DE
	CHV-X		40	−60°/+60°				
	FIA		36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				
	SVA-DL	300	36	−90°/+60°	1 and 2	IV	B+D	B: 21484-1 D: 0879-PESR-D-21484-1-DE
	SVA-DH		40	−60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				

Classified as Business

Date: 2023.11.13 Place of issue: 301700 Tianjin China	Issued by Signature: Name: Liu Shuwei Title: Design Engineer	DocuSigned by: <i>Shuwei Liu</i> 4A332085D50C409...	Date: 2023.11.13 Place of issue: 301700 Tianjin China	Approved by Signature: Name: Xiao Jing (Amy) Title: Head of RAC RD&E China, RAC-RD	DocuSigned by: <i>Amy Xiao</i> F02EFDC416474C8...
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Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PESR category	Module	Certificate-no.
Regulating valve Stop/Check valve Check valve	REG-SA SS REG-SB SS SCA-X SS CHV-X SS	32-40 32-40 32-65 32-40	52	-60°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
Shut off valve	SVA-S SS	32-65	52	-60°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
		80-100	50					
		125-150	50			III	H	H: 0879-PESR-H-21484-3- DE
Filters	FIA	250	36	-90°/+60°	1 and 2	III	H	H: 0879-PESR-H-21484-3- DE
			40	-60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				
		300	36	-90°/+60°	1 and 2	IV	B+D	B: 21484-2 D: 0879-PESR-D-21484-1- DE
			40	-60°/+60°				
			36	60°/+80°				
			32	80°/+120°				
			28	120°/+150°				
Filters	FIA SS	32-65	52	-60°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
Shut off valve	SVA-HL	32-100	52	-60°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
		125-150				III	H	H: 0879-PESR-H-21484-3- DE
Refrigerant Safety valve	SFA 10	** d ₀ = 6,8	65	-50° / +200°*	1 and 2	IV	B + D	B: 21484-3 D: 0879-PESR-D-21484-1- DE
	SFA 15	** d ₀ = 13	40	-50°/+100°	1 and 2	IV	B+D	B: 21484-6 D: 0879-PESR-D-21484-1- DE
	SFV 20-25	** d ₀ =18,2	25	-50°/+100°	1 and 2	IV	B+D	B: 21484-4 D: 0879-PESR-D-21484-1- DE
	BSV	** d ₀ = 8	25	-50°/+100°	1 and 2	IV	B+D	B: 21484-5 D: 0879-PESR-D-21484-1- DE



Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PESR category	Module	Certificate-no.
Refrigerant regulation valve, with straight bonnet arrangement	ICV-PM	32-80	28	-60°/+120°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
	PM							
	PMFL/H							
	ICM ICS ICL ICLX	32-100	52/65	-60°/+120° -60°/+150°	1 and 2I	II	D1	D1: 0879-PESR-D1-21484- 2-DE
	ICSH	32-80	52/65	-60°/+120°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
	ICC	32-65	52	-60°/+120°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
	ICD	32-65	52	-20°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
	ICF	27-80	52/65	-60°/+120° -60°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
	ICM ICS ICLX	125 150	52/65 52	-60°/+120°	1 and 2	III	H	H: 0879-PESR-H-21484-3- DE
High pressure float valve	HFI	100-150	25	-50°/+80°	1 and 2	III	H	H: 0879-PESR-H-21484-3- DE
		100-150	40					
Change over valve	DSV	32	40	-50°/+100°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
Pilot operated internal safety valve	POV 600, 1050, 2150	40-80	40	-50°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
Refrigerant float valve	SV 1-3	-	28	-50°/+65°	1 and 2	I	A	-
	SV 4-6	-	28	-50°/+120°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
Compressor stop valve	CSV	50-100	40	-50°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
			52/65	-60°/+150° -60°/+200°				
		125	40	-50°/+150°	1 and 2	III	H	H: 0879-PESR-H-21484-3- DE
			52/65	-60°/+150° -60°/+200°				
Float switch	AKS 38	32	28	-50°/+65°	1 and 2	I	A	-



Valve group	Types	DN	PS (bar)	Ts (°C)	Fluid Group	PESR category	Module	Certificate-no.
Refrigerant discharge check valve	KDC GVD	65-100	40/52/ 65	-60°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
		125-200			1 and 2	III	H	H: 0879-PESR-H-21484-3- DE
Check valve	NRVA	32-65	40	-50°/+140°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
Oil regulating valve	ORV	32-80	40	-10°/+110°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
Solenoid valve	EVRA	32-40	42	-40°/+105°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
Shut off valve Regulating valve Stop/Check valve Check valve Filters with F connection	SVL -F	32-50, 80	52	-60°/+150°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
		65, 100	52	-60°/+100°	1 and 2	II	D1	D1: 0879-PESR-D1-21484- 2-DE
			45	+100°/+150°				
		125	43	-60°/-40°	1 and 2	III	H	H: 0879-PESR-H-21484-3- DE
			52	-40°/+50°				
			42	+50°/+100°				
			36	+100°/+150°				
		150	25	-60°/+150°	1 and 2	III	H	H: 0879-PESR-H-21484-3- DE
		200	25	-60°/+100°	1 and 2	III	H	H: 0879-PESR-H-21484-3- DE
			23	+100°/+150°				
Filters	FIA-140B	50-100	140	-40°/+150°	2	I	A	-
Check and Stop valve	OFC	50-100	23	0°/+100	2	I	A	-
Shut off valve	SVA-140B	50-100	140	-40°/+150°	2	I	A	-
Solenoid valve	EVR	32-40	42	-40°/+105°	2	I	A	-
Filters	FIA-140B	125-150	140	-40°/+150°	2	II	D1	D1 0879-PESR-D1-21484- 2-DE
Shut off valve	SVA-140B	125-150	140	-40°/+150°	2	II	D1	D1 0879-PESR-D1-21484- 2-DE

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

* -50 °C / max. +200 °C, depending on the selected SFA 10 in Catalog. Valid for TSmax are laser marked on valve bonnet and the operating instructions

** For Safety Valve d_0 is used, and not connection size DN.



Pressure Equipment (Safety) Regulations 2016 (PESR)

BS EN 12284: 2003 Refrigerating systems and heat pumps. Valves. Requirements, testing and marking

BS EN 378-2: 2016 Refrigerating systems and heat pumps. Safety and environmental requirements. Design, construction, testing, marking and documentation

BS ISO 4126-1: 2013 Safety devices for protection against excessive pressure – part 1: safety valves

UKCA0879 is ONLY marked on the products that belong to PESR category II and above

Name and Address of the UK approved body monitoring the Manufacturer's Quality Assurance System carried out the Inspection

UK approved body address:

TÜV UK Ltd

Amp House, Dingwall Road

Croydon CR0 2LX



For Product Types: Actuator for ICM valves

Electromagnetic Compatibility Regulations 2016 (EMC)

BS EN 61000-6-3: 2007 Electromagnetic compatibility (EMC). Generic standards. Emission standard for residential, commercial and light-industrial environments

BS EN 61000-6-2: 2005 Electromagnetic compatibility (EMC). Generic standards. Immunity for industrial environments