



TYPE APPROVAL CERTIFICATE

No.
ELE290325XG

This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Temperature switches
<i>Type</i>	Series RT
<i>Applicant</i>	DANFOSS A/S Nordborgvej 81 DK-6430 Nordborg (office E14-S1) DENMARK
<i>Manufacturer</i> <i>Place of manufacture</i>	DANFOSS POLAND SP. Z.O.O. UL. CHRZANOWSKA 5 PL-05-825 GRODZISK MAZOWIECKI POLAND
<i>Reference standards</i>	RINA Rules for the Classification of Ships - Part C- Machinery, Systems and Fire Protection - Ch.3 , Sect. 8, Table 1

Issued in **HAMBURG** on **February 27, 2026**. *This Certificate is valid until* **February 26, 2031**

Cinar Kutlar

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure

TYPE APPROVAL CERTIFICATE

No.

ELE290325XG

Enclosure - Page 1 of 3

Series RT

Product Description

RT thermostats incorporate a temperature controlled, single pole change over switch where the contact position depends on the temperature of the sensor and the set scale value.

The RT series consists of thermostats with room sensors, duct sensors and capillary tube sensors for general industrial and marine applications.

Main characteristics:

Ambient temperature: -50°C ... +70°C

Contact system: Single-pole changeover switch (SPDT)

Contact load: Alternating cur. AC1=10 A, 400 V / AC3=4 A, 400 V / AC15=3 A, 400 V / Direct cur. DC13: 12 W, 220 V control current

Cable entry: 2 PG 13.5 for 6 - 14 mm diameter cables

Enclosure: IP54 / IP66

Thermostat Type RT With Cylindrical Remote Sensor:

Type	Setting Charge	Adjustable Differential Range		At Highest Range Setting	Type of Charge*	Capillary tube L.
		At lowest range setting	At highest range setting			
RT9	-45 - -15°C	2.2 - 10°C	1 - 4.5°C	150°C	A	2m
RT13	-30 - 0°C	1.5 - 6°C	1 - 3°C	150°C	A	2m
RT3	-25 - 15°C	2.8 - 10°C	1 - 4°C	150°C	A	2m
RT3	-25 - 15°C	2.8 - 10°C	1 - 4°C	150°C	A	5m
RT3	-25 - 15°C	2.8 - 10°C	1 - 4°C	150°C	A	8m
RT2	-25 - 15°C	5 - 18°C	6 - 20°C	150°C	B	2m
RT7	-25 - 15°C	2 - 10°C	2.5 - 14°C	150°C	B	2m
RT7	-25 - 15°C	2 - 10°C	2.5 - 14°C	150°C	B	5m
RT7	-25 - 15°C	2 - 10°C	2.5 - 14°C	150°C	B	8m
RT8	-20 - 12°C	1.5 - 7°C	1.5 - 7°C	145°C	B	2m
RT12	-5 - 10°C	1 - 3.5°C	1 - 3°C	65°C	B	2m
RT14	-5 - 30°C	2 - 8°C	2 - 10°C	150°C	B	2m
RT14	-5 - 30°C	2 - 8°C	2 - 10°C	150°C	B	3m
RT14	-5 - 30°C	2 - 8°C	2 - 10°C	150°C	B	5m
RT14	-5 - 30°C	2 - 8°C	2 - 10°C	150°C	B	8m
RT14	-5 - 30°C	2 - 8°C	2 - 10°C	150°C	B	10m
RT26	-5 - 50°C	2 - 9°C	3 - 19°C	150°C	B	2m
RT23	5 - 22°C	1.1 - 3°C	1 - 3°C	85°C	B	2m

RT15	8 - 32°C	1.6 - 8°C	1.6 - 8°C	150°C	B	2m
RT101	25 - 90°C	2.4 - 10°C	3.5 - 20°C	300°C	B	2m
RT101	25 - 90°C	2.4 - 10°C	3.5 - 20°C	300°C	B	3m
RT101	25 - 90°C	2.4 - 10°C	3.5 - 20°C	300°C	B	5m
RT101	25 - 90°C	2.4 - 10°C	3.5 - 20°C	300°C	B	8m
RT101	25 - 90°C	2.4 - 10°C	3.5 - 20°C	300°C	B	10m
RT106	20 - 90°C	4 - 20°C	2 - 7°C	120°C	C	2m
RT106	20 - 90°C	4 - 20°C	2 - 7°C	120°C	C	3m
RT106	20 - 90°C	4 - 20°C	2 - 7°C	120°C	C	5m
RT108	30 - 140°C	5 - 20°C	4 - 14°C	220°C	B	2m
RT107	70 - 150°C	6 - 25°C	1.8 - 8°C	215°C	C	2m
RT107	70 - 150°C	6 - 25°C	1.8 - 8°C	215°C	C	3m
RT107	70 - 150°C	6 - 25°C	1.8 - 8°C	215°C	C	5m
RT107	70 - 150°C	6 - 25°C	1.8 - 8°C	215°C	C	8m
RT107	70 - 150°C	6 - 25°C	1.8 - 8°C	215°C	C	10m
RT120	120 - 215°C	7 - 30°C	1.8 - 9°C	260°C	C	2m
RT120	120 - 215°C	7 - 30°C	1.8 - 9°C	260°C	C	5m
RT120	120 - 215°C	7 - 30°C	1.8 - 9°C	260°C	C	8m
RT123	150 - 250°C	6.5 - 30°C	1.8 - 9°C	300°C	C	2m
RT123	150 - 250°C	6.5 - 30°C	1.8 - 9°C	300°C	C	5m
RT124	200 - 300°C	5 - 25°C	2.5 - 10°C	350°C	C	2m
RT124	200 - 300°C	5 - 25°C	2.5 - 10°C	350°C	C	5m

Thermostat Type RT With room sensor, duct sensor and capillary tube sensor:

Type	Setting Range	Adjustable Differential Range		Max. Sensor Temp.	Type of Charge*	Capillary tube L.	Sensor Type
		At lowest range setting	At highest range setting				
RT17	-50 - -15°C	2.2 - 7°C	1.5 - 5°C	100°C	A	-	1
RT11	-30 - 0°C	1.5 - 6°C	1 - 3°C	66°C	A	-	1
RT34	-25 - 15°C	2 - 10°C	1 - 4°C	100°C	B	-	1
RT4	-5 - 30°C	1.5 - 7°C	1 - 4°C	75°C	A	-	1
RT115	10 - 35°C	-	-	92°C	B	-	1
RT103	10 - 45°C	1.3 - 7°C	2.5 - 14°C	100°C	A	-	1
RT140	15 - 45°C	1.8 - 8°C	2.5 - 14°C	240°C	B	2m	2
RT141	40 - 80°C	1.9 - 9°C	1.5 - 7°C	250°C	B	2m	2
RT102	25 - 90°C	2.4 - 10°C	1 - 3°C	300°C	B	2m	3

Thermostat Type RT With adjustable neutral zone:

Type	Setting Range	Mechanical Diff.	Adjustable Differential Range		Max. Sensor Temp.	Type of Charge*	Capillary tube L.	Sensor Type
			At lowest range setting	At highest range setting				
RT 8L	-20 - 12°C	1.5°C	1.5 - 4.4°C	1.5 - 4.9°C	145°C	B	2	4
RT 14L	-5 - 30°C	1.5°C	1.5 - 5°C	1.5 - 5°C	150°C	B	2	4
RT 16L	0 - 38°C	1.5/0.7°C	1.5 - 5°C	0.7 - 1.9°C	100°C	A	-	1
RT 140L	15 - 45°C	1.8/2°C	1.8 - 4.5°C	2 - 5°C	240°C	B	2	2
RT 101L	25 - 90°C	2.5/3.5°C	2.5 - 7°C	3.5 - 12.5°C	300°C	B	2	4

Differential Temperature Switch Type RT 270:

Setting: 0 - 15°C; mechanical diff, 2°C; operating range - 30 - 140°C; Max temp. 65°C.

**Note: Types of Charge:*

A: Vapour Charge - sensor must not be the warmest part

B: Adsorption Charge

C: Partial Charge - the sensor must not be the coldest part

Documents:

Product Specification Document of RT - AI245286497322en-000301 dated 2021.03

Product Specification Document of Differential Temp. Switch Datasheet - AI240786443892en-000901 dated 2017.09

Declaration of Conformity dated 12.06.2025

This certificate replaces the previous certificate ELE086320XG/004

HAMBURG February 27, 2026