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Certificate No: LR21411326TA Issue Date: 29/10/2021 Expiry Date: 18/08/2026

# **Type Approval Certificate**

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	Siemens AG
Address	Werner-von-Siemens-Strasse 48, Amberg, 92220, Germany
Туре	Contactors
Description	SIRIUS 3R - low voltage switchgear contactors and accessories.
	Refer to the Appendix for further details.
Trade Name	3RT1
Application	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in Lloyd's Register's Type Approval System, Test Specification Number 1 –1996.
Specified Standard	IEC 60947-4-1:2009-09 + A1:2012-07 IACS unified requirements E10 (Rev.8 Feb 2021)
Ratings	Refer to the Appendix for further details.

**Thorsten Wolff** 

Senior Specialist to Lloyd's Register EMEA A member of the Lloyd's Register group

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## **Type Approval Certificate**

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

**Previous Version:** 98/20050 (E6)

The Design Appraisal Document HTS/ETS 41863 -21/TW and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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### **Appendix**

**TYPE** Contactors

3RT10, 3RT12, 3RT14 (1)-(2)(3)(4)(5)

1 Power rating: 54, 55, 56, 64, 65, 66, 75, 76

2 Type of terminals: 1, 2, 3, 6, 7 3 Operating system: A, L, N, P, Q

(4) Rated operating voltage: 21 - 600 V AC/DC 50/60Hz

(5) Auxiliary contact arrangement: 0, 5, 6, 8

Auxiliary contact blocks 3RH1921 - (1)(2)(3)(4)(5)

1) Type of terminals: 1, 2

2 Mounting area: C, E, F, K

3 Switching function: A, B, C

(4) Contact arrangement for NO: 0, 1, 2, 3, 4

(5) Contact arrangement for NC: 0, 1, 2, 3, 4

### RATINGS

			Operational
Types	Utilisation	Operational	Current le [A]
	Category	Voltage Ue	le/AC-3 400V up
			to 60° C
3RT1054	AC-2/AC-3	230-1000V	115
3RT1055	AC-2/AC-3	230-1000V	150
3RT1056	AC-2/AC-3	230-1000V	185
3RT1065	AC-2/AC-3	230-1000V	265
3RT1066	AC-2/AC-3	230-1000V	300
3RT1075	AC-2/AC-3	230-1000V	400
3RT1076	AC-2/AC-3	230-1000V	500
3RT1264	AC-2/AC-3	230-1000V	225
3RT1265	AC-2/AC-3	230-1000V	265
3RT1266	AC-2/AC-3	230-1000V	300
3RT1275	AC-2/AC-3	230-1000V	400
3RT1276	AC-2/AC-3	230-1000V	500

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Types	Utilisation Category	Operational Voltage Ue	Operational Current le [A] le/AC-1 up to 690V up to 60°C
3RT1456	AC-1	230-690V	250
3RT1466	AC-1	230-690V	380
3RT1476	AC-1	230-690V	650 (at 50°C)
Auxiliary contact blocks 3RH1921 (1)2/3/4/5	AC14/AC15 DC12 DC13	230 - 690V 24 - 600V 24 - 600V	6-1 10-0.15 6-0.1

#### **PLACE OF PRODUCTION**

Siemens AG Werner-von-Siemens-Strasse 29 93413 Cham Germany

Siemens, s.r.o., odstěpny závod Nízkonapěťová spínací technika Volanovská 516 541 01 Trutnov Czech Republic

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