

## 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.

<b>Manufacturer</b>	<b>Siemens AG</b>
<b>Address</b>	Werner-von-Siemens-Strasse 48, Amberg, 92220, Germany
<b>Type</b>	Contactors
<b>Description</b>	SIRIUS 3R - low voltage switchgear contactors and accessories. Refer to the Appendix for further details.
<b>Trade Name</b>	3RT1
<b>Application</b>	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.
<b>Specified Standard</b>	IEC 60947-4-1:2009-09 + A1:2012-07 IACS unified requirements E10 (Rev.8 Feb 2021)
<b>Ratings</b>	Refer to the Appendix for further details.

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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.

## Appendix

### TYPE

#### Contactors

3RT10, 3RT12, 3RT14 ①-②③④⑤

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 - ①②③④⑤

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

Types	Utilisation Category	Operational Voltage Ue	Operational Current Ie [A] Ie/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

Types	Utilisation Category	Operational Voltage Ue	Operational Current Ie [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	AC14/AC15	230 - 690V	6 - 1
3RH1921	DC12	24 - 600V	10 - 0.15
①②③④⑤	DC13	24 - 600V	6 - 0.1

#### PLACE OF PRODUCTION

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

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