



## TYPE APPROVAL CERTIFICATE

No. **ELE158816XG/006**

**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>	<b>COMPACT STARTER</b>
<i>Type</i>	<b>3RA61, 3RA62, 3RA64, 3RA65 and accessories</b>
<i>Applicant</i>	<b>SIEMENS AG - GWA WERNER VON SIEMENS STRAßE 48 92220 AMBERG GERMANY</b>
<i>Manufacturer</i>	<b>SIEMENS AG - GWA</b>
<i>Place of manufacture</i>	<b>WERNER VON SIEMENS STRAßE 48 92220 AMBERG GERMANY</b>
<i>Reference standards</i>	<b>IEC 60947-5-1, IEC 60947-6-2</b>

*Issued in* **HAMBURG** on **August 23, 2016**. *This Certificate is valid until* **August 23, 2021**



**RINA Services S.p.A.  
Giuseppe Russo**

This certificate consists of this page and 1 enclosure



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**3RA61, 3RA62, 3RA64, 3RA65 and accessories**

### Product Description:

The SIRIUS 3RA6. series are compact starters comprising of 3RA61, 3RA64 (direct starter) and 3RA62, 3RA65 (reversing starter) with suitable accessories.

### Technical Data:

- Rated frequency: 50/60Hz.
- Number of poles: 3.
- Rated operational voltage (Ue): 690V.
- Rated insulation voltage (Ui): 690V.
- Utilization categories: AC-41, AC-43 & AC 44.
- Rated operational currents (Ie): from 0.1A to 32A.
- Conventional free air thermal current (Ith):

Size	Rated current	Ith (A)	Ue (V)			
			230V	400V	500V	690V
0.4A	0.1A to 0.4A	AC-41, AC-43, AC-44	0.4	0.4	0.4	0.4
1.25A	0.32A to 1.25A	AC-41, AC-43, AC-44	1.25	1.25	1.25	1.25
4A	1A to 4A	AC-41, AC-43, AC-44	4	4	4	4
12A	3A to 12A	AC-41, AC-43	12	12	12	12
		AC-44	12	12	10	10
32A	8A to 32A	AC-41	32	32	32 (*)	32 (*)
		AC-43	32	32	18 (*)	17 (*)
		AC-44	20	20	18 (*)	13 (*)

(\*) Only applicable for type 3RA61 and 3RA64

### Accessories type:

- 3RA691. / 3RA692. / 3RA694. / 3RA6960 / 3RA6970
- 3RV1915 / 3RV1925 / 3RV1928
- 3RA68
- 8US12 11 / 8US12 50

### Documents:

Operating instruction: - 3ZX1012-ORA60-0AA1 dated 15 February 2010; 3ZX1012-ORA61-1AA1 dated 08 March 2013;  
- 3ZX1012-ORA68-1AA1 dated 30 January 2014;  
- Declaration; 2855.01 dated 14.01.2008;  
**Siemens AG:** - Type Examination Certificate 2920a dated 08.10.2009; Test-Certificate n° 2916b issued on 13/08/2009;  
Test Report: 08067TMs dated 07/05/2009; 09-E003531-BM-B02 dated 08/04/2009; 09-E003531-BM-D02 dated 08/04/2009;  
- 08-E003169-BM-A01 dated 03/12/2007; 08-E003169-BM-B01 dated 03/12/2007;  
**SENTON:** Test Report: - 51968-080932 dated 11/08/2008; 51968-070584 (Edition 1) dated 25/07/2007;  
- 51968-070584-2 (Edition 1) dated 14/12/2007.

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**Additional Places of Production:**

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

**Remarks:**

The product is subject to the compliance with RINA Rules Pt.C, Ch.3, Sec.6, Tab.1, where applicable, and with the Standard mentioned on the certificate.

*This certificate cancels and replaces the previous certificate ELE282309CS.* SN

**HAMBURG August 23, 2016**

