



TYPE APPROVAL CERTIFICATE
No. ELE091117XG

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>	STARTER AND ACCESSORIES
<i>Type</i>	Load Feeders 3RA21; 3RA22 and accessories
<i>Applicant</i>	SIEMENS AG - GWA WERNER VON SIEMENS STRAÙE 48 92220 AMBERG GERMANY
<i>Manufacturer</i>	SIEMENS AG - GWA
<i>Place of manufacture</i>	WERNER VON SIEMENS STRAÙE 48 92220 AMBERG GERMANY
<i>Reference standards</i>	IEC 60947-4-1

Issued in **Hamburg** on **January 23, 2019**. *This Certificate is valid until* **August 31, 2021**



RINA Services S.p.A.
Giuseppe Russo

This certificate consists of this page and 1 enclosure



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Load Feeders 3RA21

3RA22 and accessories

Product Description

The SIRIUS 3RA21 and 3RA22 fuseless load feeders consist of 3RV2 motor starter protector and the 3RT2 electromechanical contactor. The devices are electrically and mechanically connected.

1. Load Feeders:

Order Code: 3RA2 a b c - dd e ff g ...

a - Type of Starter:

1; 2

b - Size:

1; 2; 3; 4; 5; 6

c - Aux.-contacts of Circuit Breaker:

0; 1; 2; 3; 4; 5; 6

dd - Setting Range:

for S00: 0A; 0B; 0C; 0D; 0E; 0F; 0G; 0H; 0J; 0K; 1A; 1B; 1C; 1D; 1E; 1F; 1G; 1H; 1J; 1K; 4A

for S0: 0A; 0B; 0C; 0D; 0E; 0F; 0G; 0H; 0J; 0K; 1A; 1B; 1C; 1D; 1E; 1F; 1G; 1H; 1J; 1K; 4A; 4B; 4C; 4D; 4E; 4N

for S2: 4B; 4D; 4E; 4J; 4K; 4P; 4S; 4T; 4U; 4V; 4W; 4X;

for S3: 4F; 4H; 4J; 4K; 4M; 4R; 4Y

e - Type of Backplate and terminals:

A; B; D; E; F; H; S

ff - Type of used contactor:

15; 16; 17; 18; 24; 25; 26; 27; 28; 34; 35; 36; 37; 38; 45; 46; 47

g - Aux. contacts of contactor:

0; 1; 2

2. Accessories:

- Auxiliary switches
- Undervoltage releases
- Link Modules
- Mounting Rail Adapter
- Fastbus Adapter

Technical Data:

Rated operational voltage U_n	690V
Rated frequency:	50/60 Hz
Rated impulse withstand voltage:	6kV/8kV
Trip class:	10
Rated short circuit current I_{sc}	Max. 150 kA
Max. rated current $I_{n,max}$	16 A for 3RA2.1, S00; 32 A for 3RA2.2, S0; 73A for 3RA2.3 and 3RA2.5, S2 100A for 3RA2.4 and 3RA2.6, S3

Additional Places of Production:

Siemens Industry Corp.
101 Airport Industrial Dr.
Southaven MS 38671, USA



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Load Feeders 3RA21,
3RA22 and Accessories

Documents:

Drawings: - A5E02173301A Rev. 03; A5E02173602A Rev. 02; A5E02180893A Rev. 03; A5E02184337A Rev. 04;
- A5E02191173A Rev. 03; A5E02191810A Rev. 02; A5E02192149A Rev. 02; A5E02192411A Rev. 03;
- A5E02192462A Rev. 03; A5E02192507A Rev. 02; A5E02196610A Rev. 04; A5E02198488A Rev. 04;
- A5E02198565A Rev. 04; A5E02198632A Rev. 05; A5E02198833A Rev. 04; A5E02200652A Rev. 04;
- A5E02200722A Rev. 05; A5E02200967A Rev. 05; A5E02200975A Rev. 02; A5E02200979A Rev. 03;
- A5E02201069A Rev. 05; A5E02201092A Rev. 03; A5E02202066A Rev. 02; A5E03744985000A Rev. 04;
List of general drawings 09sr04 dated 2018-01-19;
Catalogue excerpt: - Siemens IC10 2017;
Equipment Under Test: - 16sr15 Rev. 3.0 dated September 2018;
Nomenclature Breakdown 16sr15 dated 2018-10;
Operating Instruction: - A5E0207943300A/RS-AA/002; A5E0207945100A/RS-AA/003; A5E0207945900A/RS-AA/003;
- A5E0241007600A/RS-AA/003; A5E0241008800A/RS-AA/002; A5E0241008900A/RS-AA/003;
- A5E03673847001A/RS-AE/005; A5E35676816001A/RS-AA/001; GWA 4NEB430005410DS01;
- GWA 4NEB430005610DS01; NEB430005420000/RS-AA/002; NEB430005620000/RS-AA/002;
EC-Declaration of Conformity 2608.05 dated 2014-10-06; 2954.05 dated 2016-04-20;

Test reports:

Siemens AG: - 09056TMs dated 2010-07-27; 13059ENV04 dated 2016-04-22; 14028PMV06 dated 2016-04-01;
- 15058ED04 dated 2018-04-25; 16038ED02 dated 2018-05-18;
- Test Certificate 2956c dated 2013-01-03; Type Test Certificate 3292a dated 2016-01-29; A0212.01 dated 2017-09-15;
- EU-Declaration of Conformity 2954_05;
TÜV Rheinland LGA Products GmbH: - 21243674-001 dated Jan 21 2016; 21243674-002 dated Jan 08 2016;

Remarks:

- The products fulfill EC-Code: 3a1.
- The Load Feeders of Size S3 for DIN Rail mounting are to be mounted on screwed solid DIN-Rails with a screw distance of not more than 8 cm.
- 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 replaces the certificate no. ELE141616XG/005

Hamburg January 23, 2019



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