

# EC Type-Examination Certificate



**Reg.-No.: 01/205/0707.01/15**

<b>Product tested</b>	AS-i Bus Safety Monitor	<b>Certificate holder</b>	Siemens AG Werner-von-Siemens-Str. 48 92220 Amberg Germany
<b>Type designation</b>	3RK1105-1[A/B][E/G]04-[0,1,2,3,4]CAO, Details see attached current "Version Release List"		
<b>Codes and standards</b>	EN 62061:2005 + AC:2010 + A1:2013 EN ISO 13849-1:2008 + AC:2009 IEC 61508 Parts 1-7:2010 EN 50295:1999	EN 60947-5-1:2004 + AC:2005 + A1:2009 (in extracts) EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts) EN 61496-1:2013 (in extracts) NFPA 79:2015 (in extracts)	
<b>Intended application</b>	The AS-i Bus Safety Monitor complies with the requirements of the relevant standards (Cat. 4 / PL e acc. to EN ISO 13849-1, SIL CL 3 acc. to EN 62061 / IEC 61508) and can be used in applications up to PL e acc. to EN ISO 13849-1 and SIL 3 acc. to EN 62061 / IEC 61508.		
<b>Specific requirements</b>	The instructions of the associated Installation and Operating Manual AS-interface shall be considered.		

It is confirmed, that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2020-03-10

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EZ 154.04/15 dated 2015-03-10.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

Berlin, 2015-03-10



Certification Body for Machinery, NB 0035

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### Product Tested

Version Release List - Annex to certificate

Certificate No.: 01/205/0707.01/15



Product	Type Designation
AS-i Bus Safety Monitor	3RK1105-1[A/B][E/G]04-[0,1,2,3,4]CA0




Type Designation:

[A/B] A = 1 channel; B = 2 channels

[E/G] E = screw terminals; G = cage clamp

[0,1,2,3,4] 0 = standard, 40 ms; 1 = standard, 50 ms; 2 = enhanced, 40 ms; 3 = enhanced, 50 ms; 4 = AS-i

Report-No.		Date				Certification status	
968/EZ 154.04/15		2015-03-04				Valid	
MLFB	Erz.- stand	Firm-ware	UART1-Software	UART2-Software	CFG-Software	Geräteausführung	FBG-Ausführung
3RK1105-1AE04-0CA0	E14	V3.10	V2.5	-	-	333 1540 01 000	333 1547 05 000
3RK1105-1BE04-0CA0	E14	V3.10	V2.5	-	-	333 1540 02 000	333 1547 05 000 + 333 1556 02 000
3RK1105-1AE04-2CA0	E14	V3.10	V2.5	-	-	333 1540 03 000	333 1547 05 000
3RK1105-1BE04-2CA0	E14	V3.10	V2.5	-	-	333 1540 04 000	333 1547 05 000 + 333 1556 02 000
3RK1105-1AE04-1CA0	E14	V3.11	V2.5	-	-	333 1540 11 000	333 1547 05 000
3RK1105-1BE04-1CA0	E14	V3.11	V2.5	-	-	333 1540 12 000	333 1547 05 000 + 333 1556 02 000
3RK1105-1AE04-3CA0	E14	V3.11	V2.5	-	-	333 1540 13 000	333 1547 05 000
3RK1105-1BE04-3CA0	E14	V3.11	V2.5	-	-	333 1540 14 000	333 1547 05 000 + 333 1556 02 000
3RK1105-1AG04-0CA0	E05	V3.10	V2.5	-	-	333 1540 21 000	333 1547 05 000
3RK1105-1BG04-0CA0	E05	V3.10	V2.5	-	-	333 1540 22 000	333 1547 05 000 + 333 1556 02 000
3RK1105-1AG04-2CA0	E05	V3.10	V2.5	-	-	333 1540 23 000	333 1547 05 000
3RK1105-1BG04-2CA0	E05	V3.10	V2.5	-	-	333 1540 24 000	333 1547 05 000 + 333 1556 02 000
3RK1105-1BE04-4CA0	E05	V3.10	V2.6	V1.3	V1.3c	333 1540 42 000	333 1547 05 000 + 333 1560 02 000
3RK1105-1BG04-4CA0	E05	V3.10	V2.6	V1.3	V1.3c	333 1540 62 000	333 1547 05 000 + 333 1560 02 000

	<b>Released by Manufacturer:</b>	<b>Released by Test Institute</b>	<b>Released by Certification Body:</b>
<b>Signed:</b>	 Koppmann 31. MRZ. 2015	 Dipl.-Ing. Sergei Biberdorf	 Eberhard Frejno
<b>Date:</b>	31. MRZ. 2015	2015-03-10	2015-03-10