

# EC Type-Examination Certificate



Product Safety  
Functional  
Safety

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ID 0600000000

**Reg.-No.: 01/205/5192.02/18**

**Product tested** Safety-Related Programmable Logic Controller **Certificate holder** Rockwell Automation, Inc.  
1201 South Second Street  
Milwaukee, WI 53204  
USA

**Type designation** GuardLogix L7 Family  
as listed in the current "GuardLogix PLC Revision List"

**Codes and standards** EN ISO 13849-1:2015 IEC 61326-3-1:2017  
EN 62061:2005 + AC:2010 + A1:2013 + IEC 61131-2:2017 (in extracts)  
A2:2015  
IEC 61508 Parts 1-7:2010

**Intended application** The GuardLogix L7 devices comply with the requirements of SIL 3 (IEC 61508), SIL CL 3 (EN 62061), and PL e / Cat. 4 (EN ISO 13849-1) and can be used in safety related applications up to these safety levels.

The products were also reviewed in reference to the requirements of IEC 61511-1:2017, NFPA 79:2018, NFPA 85:2015, NFPA 86:2019, ANSI B11.19:2010, ANSI/RIA R15.06:2012, EN 50156-1:2015, EN 746-1:1997 + A1:2009, EN 746-2:2010, EN 60204-1:2006 + A1:2009 + AC:2010, EN 50178:1997 applicable during a type examination and can be used in application as such.

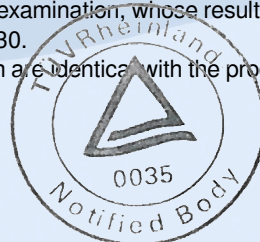
**Specific requirements** The instructions of the associated Safety Reference Manual and User Manuals shall be considered.

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

Valid until 2023-11-30

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 338.26/18 dated 2018-11-30.

This certificate is valid only for products which are identical with the product tested.



Köln, 2018-11-30

Notified Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno

Rockwell Automation maintains an internet Knowledge Base which contains different types of information regarding the released products and their versions. This information can include safety related and important information which is not available within this revision release list. Therefore, additionally to this revision list safety relevant information within the Knowledge Base has to be considered prior to use of relevant product or firmware. (For further information please see “note 1” at the end of this list)

**SIL 3 – certified – components**

Catalog Number	Description / System	Series:	Firmware Revision	Report-No.	Certification Status
1756-L72EROMS	Armor GuardLogix (IP67 enclosure) with 1756-L72S and 1756-L7SP	C <sup>1</sup>	see 1756-L72S see 1756-L7SP	968/M 338.05/13 968/M 338.10/15	Valid
1756-L73EROMS	Armor GuardLogix (IP67 enclosure) with 1756-L73S and 1756-L7SP	C	see 1756-L73S see 1756-L7SP	968/M 338.21/17	Valid

<sup>1</sup> The Version/Series B of the product is no longer safety certified. Please contact the manufacturer for further information [jalvarez3@ra.rockwell.com](mailto:jalvarez3@ra.rockwell.com).

Catalog Number	Description / System	Series:	Firmware Revision	Report-No.	Certification Status
1756-L71S	Primary Controller (Logix 5571S) with 2 MB Memory	B	V20.012 V20.013 V20.017 V20.018 V21.011 V23.012 V24.011 V24.012 V26.013 V27.011 V28.011 V28.012 V29.011 V30.011 V30.012 V30.013 V30.014 V31.011 V32.011 V33.011 V33.012 V33.013 V34.011 V35.011	968/M 338.02/12 968/M 338.03/12 968/M 338.11/15 968/M 338.14/15 968/M 338.04/13 968/M 338.06/14 968/M 338.07/14 968/M 338.08/15 968/M 338.09/15 968/M 338.13/15 968/M 338.15/16 968/M 338.16/16 968/M 338.18/16 968/M 338.20/17 968/M 338.22/17 968/M 338.23/17 968/M 338.25/18 968/M 338.24/18 968/M 338.27/19 968/M 338.28/20 968/M 338.29/21 968/M 338.30/21 968/M 338.31/22 968/M 338.33/23	<i>Valid</i>
1756-L71SK	Conformal coated version of 1756-L71S	B	See 1756-L71S	968/M 338.12/15	<i>Valid</i>

Catalog Number	Description / System	Series:	Firmware Revision	Report-No.	Certification Status
1756-L72S	Primary Controller (Logix 5572S) with 4 MB Memory	B	V20.011	968/M 338.00/12	<i>Valid</i>
			V20.012	968/M 338.01/12	
			V20.013	968/M 338.03/12	
			V20.017	968/M 338.11/15	
			V20.018	968/M 338.14/15	
			V21.011	968/M 338.04/13	
			V23.012	968/M 338.06/14	
			V24.011	968/M 338.07/14	
			V24.012	968/M 338.08/15	
			V26.013	968/M 338.09/15	
			V27.011	968/M 338.13/15	
			V28.011	968/M 338.15/16	
			V28.012	968/M 338.16/16	
			V29.011	968/M 338.18/16	
			V30.011	968/M 338.20/17	
			V30.012	968/M 338.22/17	
			V30.013	968/M 338.23/17	
			V30.014	968/M 338.25/18	
			V31.011	968/M 338.24/18	
			V32.011	968/M 338.27/19	
V33.011	968/M 338.28/20				
V33.012	968/M 338.29/21				
V33.013	968/M 338.30/21				
V34.011	968/M 338.31/22				
V35.011	968/M 338.33/23				
1756-L72SK	Conformal coated version of 1756-L72S	B	See 1756-L72S	968/M 338.12/15	<i>Valid</i>

Catalog Number	Description / System	Series:	Firmware Revision	Report-No.	Certification Status
1756-L73S	Primary Controller (Logix 5573S) with 8 MB Memory	B	V20.011 V20.012 V20.013 V20.017 V20.018 V21.011 V23.012 V24.011 V24.012 V26.013 V27.011 V28.011 V28.012 V29.011 V30.011 V30.012 V30.013 V30.014 V31.011 V32.011 V33.011 V33.012 V33.013 V34.011 V35.011	968/M 338.00/12 968/M 338.01/12 968/M 338.03/12 968/M 338.11/15 968/M 338.14/15 968/M 338.04/13 968/M 338.06/14 968/M 338.07/14 968/M 338.08/15 968/M 338.09/15 968/M 338.13/15 968/M 338.15/16 968/M 338.16/16 968/M 338.18/16 968/M 338.20/17 968/M 338.22/17 968/M 338.23/17 968/M 338.25/18 968/M 338.24/18 968/M 338.27/19 968/M 338.28/20 968/M 338.29/21 968/M 338.30/21 968/M 338.31/22 968/M 338.33/23	Valid
1756-L73SK	Conformal coated version of 1756-L73S	B	See 1756-L73S	968/M 338.12/15	Valid

Catalog Number	Description / System	Series:	Firmware Revision	Report-No.	Certification Status
1756-L7SP	Safety Partner (Logix L7SP)	B	V20.011	968/M 338.00/12	Valid
			V20.012	968/M 338.01/12	
			V20.013	968/M 338.03/12	
			V20.017	968/M 338.11/15	
			V20.018	968/M 338.14/15	
			V21.011	968/M 338.04/13	
			V23.012	968/M 338.06/14	
			V24.011	968/M 338.07/14	
			V24.012	968/M 338.08/15	
			V26.013	968/M 338.09/15	
			V27.011	968/M 338.13/15	
			V28.011	968/M 338.15/16	
			V28.012	968/M 338.16/16	
			V29.011	968/M 338.18/16	
			V30.011	968/M 338.20/17	
			V30.012	968/M 338.22/17	
			V30.013	968/M 338.23/17	
			V30.014	968/M 338.25/18	
			V31.011	968/M 338.24/18	
			V32.011	968/M 338.27/19	
V33.011	968/M 338.28/20				
V33.012	968/M 338.29/21				
V33.013	968/M 338.30/21				
V34.011	968/M 338.31/22				
V35.011	968/M 338.33/23				
1756-L7SPK	Conformal coated version of 1756-L7SP	B	See 1756-L7SP	968/M 338.12/15	Valid



GuardLogix PLC

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Catalog Number	Description / System	Series:	Firmware Revision	Report-No.	Certification Status
1756-L73SXT	Primary Controller (Logix 5573SXT) with 8 MB Memory	B	V20.011	968/M 338.00/12	Valid
			V20.012	968/M 338.01/12	
			V20.013	968/M 338.03/12	
			V20.017	968/M 338.11/15	
			V20.018	968/M 338.14/15	
			V21.011	968/M 338.04/13	
			V23.012	968/M 338.06/14	
			V24.011	968/M 338.07/14	
			V24.012	968/M 338.08/15	
			V26.013	968/M 338.09/15	
			V27.011	968/M 338.13/15	
			V28.011	968/M 338.15/16	
			V28.012	968/M 338.16/16	
			V29.011	968/M 338.18/16	
			V30.011	968/M 338.20/17	
			V30.012	968/M 338.22/17	
			V30.013	968/M 338.23/17	
			V30.014	968/M 338.25/18	
			V31.011	968/M 338.24/18	
			V32.011	968/M 338.27/19	
V33.011	968/M 338.28/20				
V33.012	968/M 338.29/21				
V33.013	968/M 338.30/21				
V34.011	968/M 338.31/22				
V35.011	968/M 338.33/23				

Catalog Number	Description / System	Series:	Firmware Revision	Report-No.	Certification Status
1756-L7SPXT	Safety Partner (Logix L7SPXT)	B	V20.011 V20.012 V20.013 V20.017 V20.018 V21.011 V23.012 V24.011 V24.012 V26.013 V27.011 V28.011 V28.012 V29.011 V30.011 V30.012 V30.013 V30.014 V31.011 V32.011 V33.011 V33.012 V33.013 V34.011 V35.011	968/M 338.00/12 968/M 338.01/12 968/M 338.03/12 968/M 338.11/15 968/M 338.14/15 968/M 338.04/13 968/M 338.06/14 968/M 338.07/14 968/M 338.08/15 968/M 338.09/15 968/M 338.13/15 968/M 338.15/16 968/M 338.16/16 968/M 338.18/16 968/M 338.20/17 968/M 338.22/17 968/M 338.23/17 968/M 338.25/18 968/M 338.24/18 968/M 338.27/19 968/M 338.28/20 968/M 338.29/21 968/M 338.30/21 968/M 338.31/22 968/M 338.33/23	Valid

**Programming and configuration tools suitable for use:**

Catalog Number	Description / System	Series:	Revision	Report-No.	Status
Studio 5000 (Logix Designer)	Programming and configuration Tool for 1756-L7xS and 1756-L73SXT controllers	N/A	See actual revision list for certificate no.: 968/FSP 1570.00/18	See actual revision list for certificate no.: 968/FSP 1570.00/18	Valid



**Further HW/SW components suitable for use to build up safety loops up to SIL3 with Compact GuardLogix, GuardLogix:**

Catalog Number	Description / System	Series:	Firmware Revision	Report-No.	Status
1756-ESMCAP	L7x Energy Storage Module-CAP	B	-/-	968/M 338.00/12	Valid
1756-ESMCAPK	Conformal coated version of 1756-ESMCAP	B	-/-	968/M 338.12/15	Valid
1756-ESMNRM	L7x Energy Storage Module Non Removable	B	-/-	968/M 338.00/12	Valid
1756-ESMNRMK	Conformal coated version of 1756-ESMNRM	B	-/-	968/M 338.26/18	Valid
1756-ESMNSE	L7x Energy Storage Module No Stored Energy	B	-/-	968/M 338.00/12	Valid
1756-ESMNSEK	Conformal coated version of 1756-ESMNSE	B	-/-	968/M 338.26/18	Valid
1756-ESMNSEXT	L7x Energy Storage Module No Stored Energy- Extended Environment	B	-/-	968/M 338.00/12	Valid
1756-ESMCAPXT	L7x Energy Storage Module CAP-Extended Environment	B	-/-	968/M 338.00/12	Valid
1756-ESMNRMXT	L7x Energy Storage Module Non Removable – Extended Environment	B	-/-	968/M 338.00/12	Valid
1756-SPESMNSE	L7SP Energy Storage Module No Stored Energy	B	-/-	968/M 338.00/12	Valid
1756-SPESMNRM	L7SP Energy Storage Module Non Removable	B	-/-	968/M 338.00/12	Valid
1756-SPESMNSEXT	L7SPXT Energy Storage Module No Stored Energy – Extended Environment	B	-/-	968/M 338.00/12	Valid
1756-SPESMNRMXT	L7SPXT Energy Storage Module Non Removable – Extended Environment	B	-/-	968/M 338.00/12	Valid

**Safety relevant user documentation for GuardLogix:**

Catalog Number	Description / System	Version:	Report-No.	Certification Status
1756-RM099G-EN-P	Safety Reference Manual GuardLogix 5570 and Compact GuardLogix 5370 Controller Systems	G	968/M 338.26/18	Valid
1756-UM022D-EN-P	User Manual GuardLogix Controller Systems	D	968/M 338.27/19	Valid
1756-RM095L-EN-P	Safety Reference Manual GuardLogix Safety Application Instruction Set	L	968/M 338.33/23	Valid
1756-PC006C-EN-P	Product Information 1756 GuardLogix Controller Systems	C	968/M 338.04/13	Valid
1756-RN220C-EN-P	Release Notes, ControlLogix Controllers, Revision 20	C	968/M 338.03/12	Valid
1756-RN210A-EN-P	Release Notes, ControlLogix Controllers, Revision 21	A	968/M 338.04/13	Valid
1756-IN060D-EN-P	Installation Instructions Armor GuardLogix Controllers	D	968/M 338.21/17	Valid

**Notes:**

<sup>1</sup>To access information from the Knowledge Base for products listed on this Revision Release List please create an account at the Rockwell Automation Support Center website <https://rockwellautomation.custhelp.com> (click 'Log In', in the top right corner and provide required information). Rockwell Automation recommends that customers who have put into service products listed in this Revision Release List also sign up for Automatic Email Notifications for those products as described on the [https://rockwellautomation.custhelp.com/app/answers/answer\\_view/a\\_id/63302](https://rockwellautomation.custhelp.com/app/answers/answer_view/a_id/63302). After signing up, weekly emails about products related notifications will be received and email notifications will be sent when new Product Safety Advisories (PSA) or Product Notices (PN) are issued for the product catalog numbers that customers subscribe for.

**The content of this revision list has been agreed between manufacturer and certification body.**

Document-Revision

Date	Version	Changes	Author
2012-02-08	1.0	Initial release	kg/968
2012-07-03	2.0	Considering of V20.012 Point Release	hei/968
2012-07-18	3.0	Adding 1756-L71S GuardLogix Controller	hei/968
2012-11-20	4.0	Considering of V20.013 Point Release	hei/968
2013-01-18	5.0	Considering of V21.011 Release	rud/968
2013-12-10	6.0	Adding 1756-L72EROMS, 1756-L72S (PN-189536) and 1756-L7SP (PN-189538) for Armor GuardLogix	rud/968
2014-08-25	7.0	Considering of V23.012 Release	Hei/968
2014-11-28	8.0	Considering of V24.011 Release, see report 968/M 338.07/14	Rud/968
2015-03-19	9.0	Considering of V24.012 Release, see report 968/M 338.08/15	Rud/968
2015-05-28	10	Considering of V26.013 Release, see report 968/M 338.09/15	Rud/968
2015-06-30	11	Considering of 1756-L72EROMS modification to HW Rev. C, see report 968/M 338.10/15	Rud/962
2015-07-30	12	Considering of V20.017 Release, see report 968/M 338.11/15	Rud/962
2015-10-13	13	Added conformat coated version of 1756-L71SK, 1756-L72SK, 1756-L73SK and 1756-ESMCAPK to the revision list, see Report 968/M 338.12/15.	Rud/962
2015-10-27	14	Considering of V27.011 Release, see report 968/M 338.13/15	Rud/962
2015-12-14	15	Considering of V20.018 release, see report 968/M 338.14/15. General corrections in user documentation.	Rud/962
2016-02-25	16	Considering of V28.011 release, see report 968/M 338.15/16. General corrections in user documentation.	Rud/962
2016-06-15	17	Considering of V28.012 release, see report 968/M 338.16/16.	Rud/962
2016-10-19	18	Considering of V29.011 release, see report 968/M 338.18/16.	Rud/962
2017-01-13	19	Considering of V30.011 release, see report 968/M 338.20/17.	Rud/962
2017-01-23	20	Removed the version "B" of 1756-L72EROMS product from this revision list. Please see the note 1) on the first page.	Rud/962
2017-02-16	21	Considering of product 1756-L73EROMS, see report 968/M 338.21/17. Removed PN-xxxxxx because they are not relevant.	Rud/962
2017-04-03	22	Considering of V30.012 release, see report 968/M 338.22/17.	Rud/962
2017-04-20	22.1	a) Added notes regarding Rockwell Knowledge Base see the first page b) Added previous versions of RSLogix 5000/ Studio 5000 (Logix Designer) which were considered in the past c) Updated a note within chapter "Offline Programming and configuration tool" chapter.	Rud/962
2017-11-16	23	Considering of V30.013 release, see report 968/M 338.23/17.	Rud/962
2018-06-15	24	Considering of V31.011 release, see report 968/M 338.24/18. Updated the section "Programming and configuration tools suitable for use".	Rud/962
2018-07-10	25	Considering of V30.010 release, see report 968/M 338.25/18.	Rud/962
2018-11-30	26	Certificate renewal b) Added new version of 1756-RM099G-EN-P and cleaned up the user documentation section. c) Added new devices 1756-ESMNRMK and 1756-ESMNSEK based on report 968/M 338.26/18. For details please see 968/M 338.26/18.	Rud/962
2019-02-08	27	Considering of V32.011 release, see report 968/M 338.27/19.	Rud/962
2020-08-14	28	Considering of V33.011 release, see report 968/M 338.28/20.Minor corrections.	Rud/962
2021-07-28	29	Added firmware revision 33.012, see report 968/M 338.29/21. Rockwell logo updated.	Rud/962
2021-12-10	30	Added firmware revision 33.013, see report 968/M 338.30/21	Rud/962
2022-04-04	31	Added firmware revision 34.011, see report 968/M 338.31/22	Rud/962
2022-05-20	32	Assessment for UKCA certification, see report 968/M 338.32/22	Stf/410
2023-01-10	33	Added firmware revision 35.011, see report 968/M 338.33/23	Rud/962