

# Certificate



Product Safety  
Functional  
Safety

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ID 061000000

No.: 968/FSP 2059.00/20

<b>Product tested</b>	Safety-Related I/O System	<b>Certificate holder</b>	Rockwell Automation, Inc. 1201 South Second Street Milwaukee, WI 53204 USA
<b>Type designation</b>	1715 Redundant I/O System for SIL 2 applications. For details, refer to actual Revision List.		
<b>Codes and standards</b>	IEC 61508 Parts 1-7:2010 IEC 61131-2:2017	IEC 61326-3-1:2017 EN 50178:1997	
<b>Intended application</b>	The product complies with the requirements of SC 2 and SIL 2 according to IEC 61508 and can be used in safety-related applications for Process Control, Burner Management, Fire & Gas, Emergency Shutdown Systems, where the safe state is the de-energized state and applications, where the demand state is the de-energized or energized state, up to SIL 2. The product was also reviewed in reference to the requirements of IEC 61511-1:2017+A1:2017, NFPA 72:2019, NFPA 85:2019, NFPA 86:2019, EN 54-2:1997+AC:1999+A1:2006 applicable during a type examination and can be used in application as such.		
<b>Specific requirements</b>	For the use of the Safety-Related I/O System the safety manual, product descriptions and the actual Revision List released by Rockwell Automation, Inc. and TÜV Rheinland for 1715 Redundant I/O and ControlLogix System must be considered.  For using the 1715 Redundant I/O in a ControlLogix system the standards listed in the ControlLogix certificate must be taken into account.		
<b>Valid until</b>	2025-05-04		

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2059.00/20 dated 2020-05-04.  
This certificate is valid only for products which are identical with the product tested.

**TÜV Rheinland Industrie Service GmbH**  
Bereich Automation  
Funktionale Sicherheit  
Am Grauen Stein, 51105 Köln

Köln, 2020-05-04

Certification Body Safety & Security for Automation & Grid

Dipl.-Ing. Gebhard Bouwer

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**TÜVRheinland®**  
Precisely Right.



Revision List referred to  
on Certificate No.: 968/FSP 2059.00/20  
Product:  
1715 Redundant I/O System R3.003



Identity	Description	HW Release	SW Identity	Software Release
1715 UM001J-EN-P	Redundant I/O System User Manual	N/A	N/A	December 2020
1715AENTR	Adaptor Add On Profile	N/A	354830	4.02.02
1715RedundantIO	I/O Module Add On Profile	N/A	354830	5.02.02
AENTR_SIL2_V3	Adapter Add On Instruction	N/A	355010	v3.0
IB16D_Duplex_SIL2_V3	IB16D Duplex Add On Instruction	N/A	355010	v3.0
IB16D_Simplex_SIL2_V3	IB16D Simplex Add On Instruction	N/A	355010	v3.0
IF16_Duplex_HART_SIL2_V3	IF16 Duplex HART Add On Instruction	N/A	355010	v3.0
IF16_Duplex_SIL2_V3	IF16 Duplex Add On Instruction	N/A	355010	v3.0
IF16_Simplex_HART_SIL2_V3	IF16 Simplex HART Add On Instruction	N/A	355010	v3.0
IF16_Simplex_SIL2_V3	IF16 Simplex Add On Instruction	N/A	355010	v3.0
OB8DE_Duplex_SIL2_V3	OB8DE Duplex Add On Instruction	N/A	355010	v3.0
OB8DE_Simplex_SIL2_V3	OB8DE Simplex Add On Instruction	N/A	355010	v3.0
OF8I_Duplex_HART_SIL2_V3	OF8I Duplex HART Add On Instruction	N/A	355010	v3.0
OF8I_Duplex_SIL2_V3	OF8I Duplex Add On Instruction	N/A	355010	v3.0
OF8I_Simplex_HART_SIL2_V3	OF8I Simplex HART Add On Instruction	N/A	355010	v3.0
OF8I_Simplex_SIL2_V3	OF8I Simplex Add On Instruction	N/A	355010	v3.0
1715-A2A PN-75421	2-Slot Adaptor Base Unit	ED: 20170331	N/A	N/A
1715-AENTR PN-75437	Adaptor Module	ED: 20170811	354680 354730	V3.003 V1.011
1715-AENTR ControlFLASH	Firmware for the Adaptor Module	N/A	354680	V3.003
1715-AENTR Recovery ControlFLASH	Recovery Firmware for the Adaptor Module	N/A	354730	v1.011
1715-IB16D ControlFLASH	Firmware for the 1715-IB16D Module	N/A	355900	v3.001
1715-IF16 ControlFLASH	Firmware for the 1715-IF16 Module	N/A	355900	v3.001
1715-OB8DE ControlFLASH	Firmware for the 1715-OB8DE Module	N/A	355910	v3.001
1715-OF8I ControlFLASH	Firmware for the 1715-OF8I Module	N/A	355920	v3.001
1715-A3IO PN-75422	3-Slot I/O Base Unit	B C D	N/A	N/A

Rockwell Automation, Inc.  
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Am Grauen Stein  
51105 Köln / Germany



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Product:  
1715 Redundant I/O System R3.003



Identity	Description	HW Release	SW Identity	Software Release
1715-IB16D PN-75416	16 Point Digital Input Module	E15 F15	354080 354250 354270 390450	Build 158 Build 174 Build 180 Build 152
		E16 F16	354080 354250 354270 390450	Build 158 Build 175 Build 180 Build 152
1715-IF16 PN-75417	16 Channel Analogue Input Module	E15 F15	354080 354250 354270 390450	Build 158 Build 174 Build 180 Build 152
		E16 F16	354080 354250 354270 390450	Build 158 Build 175 Build 180 Build 152
1715-OB8DE PN-75418	8 Point Digital Output Module	K11	354270 390470	Build 160 Build 156
		K12	354270 390470	Build 162 Build 156
		K13	354270 390470	Build 162 Build 158
1715-OF8I PN-75420	8 Channel Analogue Output Module	O14 P14	354270 354440 354450 390490	Build 160 Build 150 Build 150 Build 151
1715-TASIB16D PN-75423	16 Point Digital Input Simplex	F G	N/A	N/A
1715-TADIB16D PN-75425	16 Point Digital Input Duplex	E F	N/A	N/A
1715-TASIF16 PN-75428	16 Channel Analogue Input Simplex	F G	N/A	N/A

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1715 Redundant I/O System R3.003**



Identity	Description	HW Release	SW Identity	Software Release
1715-TADIF16 PN-75430	16 Channel Analogue Input Duplex	E F	N/A	N/A
1715-TASOB8DE PN-75426	8 Point Digital Output Simplex	E F	N/A	N/A
1715-TADOB8DE PN-75427	8 Point Digital Output Duplex	E F	N/A	N/A
1715-TASOF8 PN-75432	8 Channel Analogue Output Simplex	B C	N/A	N/A
1715-TADOF8 PN-75433	8 Channel Analogue Output Duplex	B C	N/A	N/A

Refer to release notes in the product compatibility and download center for details of compatible modules and equipment.

	Released by Manufacturer:	Released by Assessor:	Released by Certifier:
<b>Signatures:</b>			
<b>Date:</b>	12/14/2020	2020-12-14	2020-12-14

**Document Revision**

Date	Version	Revisions / Changes	Author
2020-05-04	1.0	First version for the new certificate based on Report-No: 968/FSP 2059.00/20	Rud/A-FS
2020-12-11	2.0	Added new firware V3.003 based on Report-No: 968/FSP 2059.01/20 Updated Rockwell Logo	Rud/A-FS

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