



Revision List
referred to on Certificate No.: 968/FSP 2730.02/25
Certified Product: LXS Control System Version 1.0.2



SC 3 / SIL 3, PL e / Cat. 4 safety related modules / components

Type Designation	Description	Module Rev. ¹⁾	Firmware Rev.	Report-No.:	Certification Status
LX-LG901	Safety logic module	A01	LX-LG901-A01.bin CRC32: 36FA6E92	968/FSP 2730.00/24	Valid
LX-LG901	Safety logic module	A02	LX-LG901-A02.bin CRC32: CB870113	968/FSP 2730.02/25	Valid
LX-DI906	4-channel safety digital input module	A01	LX-DI906-A01.srec CRC32: A96962DD	968/FSP 2730.00/24	Valid
LX-DI907	8-channel safety digital input module	A01	LX-DI907-A01.srec CRC32: DB2A048F	968/FSP 2730.00/24	Valid
LX-DO906	4-channel safety digital output module	A01	LX-DO906-A01.srec CRC32: 2EA4EE8C	968/FSP 2730.00/24	Valid
LX-DO907	2-channel safety digital output module (2A)	A01	LX-DO907-A01.srec CRC32: 8AFD7B62	968/FSP 2730.02/25	Valid
LX-DO908	2-channel relay type safety digital output module	A	-/-	968/FSP 2730.01/24	Valid
LX-PM901	Safety power supply module	A	-/-	968/FSP 2730.00/24	Valid
LX-PM903	Safety power relay module	A	-/-	968/FSP 2730.00/24	Valid
LX-AUX901	Safety isolation protection module	A	-/-	968/FSP 2730.00/24	Valid

¹⁾ It is the module revision including hardware and also software version. E.g. "A01", where the character "A" indicates the hardware revision while the number "01" indicates the software revision.

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SC 3 / SIL 2, PL d / Cat. 3 safety related modules / components

Type Designation	Description	Module Rev. ¹⁾	Firmware Rev.	Report-No.:	Certification Status
LX-AI906	6 channel safety current type analog input module	A01	LX-AI906-A01.srec CRC32: EA0A5F02	968/FSP 2730.00/24	Valid
LX-AI907	6-channel safety voltage type analog input module	A01	LX-AI907-A01.srec CRC32: 47CA27CE	968/FSP 2730.00/24	Valid
LX-TC901	4-channel safety thermocouple input module	A01	LX-TC901-A01.srec CRC32: D2B31653	968/FSP 2730.00/24	Valid
LX-RTD901	4-channel safety RTD input module	A01	LX-RTD901-A01.srec CRC32: 8AF66A58	968/FSP 2730.00/24	Valid

Non-safety related (non-interfering) modules / components

Type Designation	Description	Module Rev. ¹⁾	Firmware Rev.	Report-No.:	Certification Status
LX-CU500	Controller	B01	-/-	968/FSP 2730.00/24	Valid
LX-CU500	Controller	B02	-/-	968/FSP 2730.02/25	Valid
LX-CU510	Controller	A01	-/-	968/FSP 2730.02/25	Valid
LX-CU511	Controller	A01	-/-	968/FSP 2730.02/25	Valid
LX-CU433	Controller	A01	-/-	968/FSP 2730.02/25	Valid
LX-IM001	Starting coupler module	B01	-/-	968/FSP 2730.00/24	Valid
LX-IM002	End coupler module	A01	-/-	968/FSP 2730.00/24	Valid

Software off-line support tools

Tool name	Description	SW Rev.	Report-No.:	Certification Status
FA-AutoThink	Non-safety related, used for the configuration of EtherCAT bus (which is the native layer of FSoE), as well as used for the programming and configuration of non-safety related applications. It is also an integration environment of FA-AutoThink-Safety.	3.2.3 Patch1	968/FSP 2730.02/25	<i>Valid</i>
FA-AutoThink-Safety	Safety related configuration software tool	3.2.3 safety	968/FSP 2730.02/25	<i>Valid</i>
	SF_Compile.dll	1.1.0.0 MD5: f2b2aac9db7aebbc82f96eed4b854512	968/FSP 2730.02/25	<i>Valid</i>
	SF_Online.dll	1.1.0.0 MD5: d19111dd2c08d410750c66b2680ae082	968/FSP 2730.02/25	<i>Valid</i>
	SF_dll_DPFrame.dll	1.1.0.0 MD5: 4363d20f6e666655ee4b20cf2ec7578b	968/FSP 2730.02/25	<i>Valid</i>
	SF_dllDPLogic.dll	1.1.0.0 MD5: 4908d075b2ceb3578547dfb498583247	968/FSP 2730.02/25	<i>Valid</i>
	SF_dllDPSource.dll	1.1.0.0 MD5: 8b05363309585f88606572f0c70db13d	968/FSP 2730.02/25	<i>Valid</i>
	SF_FBDDLL.dll	1.1.0.0 MD5: 0accb20ab51a719d16f763fb65818420	968/FSP 2730.02/25	<i>Valid</i>
	SF_LDMDI.dll	1.1.0.0 MD5: ecc2a6b4e338c5ac53c50b04ea1296a6	968/FSP 2730.02/25	<i>Valid</i>
	SF_HCC.dll	1.1.0.0 MD5: 4f16c649d6425305c39041953d3fa520	968/FSP 2730.02/25	<i>Valid</i>



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Safety Manual / User documentation

Document No.	Description	Rev.	Date	Report-No.:	Certification Status
LXS_191	Safety Manual LXS_191_Safety Manual of LXS Control system_V1.9.pdf	1.9	2025-07	968/FSP 2730.02/25	<i>Valid</i>
LXS_192	Module Manual LXS_192_Module Manual of LXS Control system_V2.0.pdf	2.0	2025-07	968/FSP 2730.02/25	<i>Valid</i>
LXS_193	Algorithm libraries manual (instruct manual) LXS_193_Instruct manual of LXS Control system_V1.4.pdf	1.4	2024-06	968/FSP 2730.00/24	<i>Valid</i>
LXS_285	Programming and configuration software tool manual LXS_285_Programming Manual of LX Series Programmable Controller_V1.2.2.pdf	1.2.2	2025-09	968/FSP 2730.02/25	<i>Valid</i>

The content of this Revision List has been agreed between Manufacturer and Certification Body.

Revision:

Date	Rev.	Description / Changes	Author
2024-08-15	1.0	Initial release LXS control system Version 1.0, based on Report-No.: 968/FSP 2730.00/24.	kg/A-FS&CS
2024-12-13	1.1	Add new module LX-DO908, based on Report-No.: 968/FSP 2730.01/24.	yz/A-FS&CS
2025-10-27	1.2	Add new safety digital output module LX-DO907 and new non-safety related controller module LX-CU510, LX-CU511, LX-CU433; Software modifications made on safety logic module LX-LG901 and non-safety controller module LX-CU500, based on Report-No.: 968/FSP 2730.02/25.	pl/hd/A-FS&CS