

Certificate



Product Safety
Functional
Safety

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No.: 968/FSP 2730.02/25

Product tested	Safety-Related Programmable Electronic System	Certificate holder	Beijing HollySys Intelligent Technologies Co., Ltd. No. 2 Disheng Middle Road Beijing Economic-Technological Development Area Beijing, 100176 P.R. China
Type designation	LXS Control System, details see the actual "Revision List"		
Codes and standards	ISO 13849-1:2023 ISO 13849-2:2012 IEC 61508-1:2010	IEC 61508-2:2010 IEC 61508-3:2010 IEC 61131-2:2017 (clauses 5.2.1, 5.3, 5.4, 7)	
Intended application	The modules LX-LG901, LX-DI906, LX-DI907, LX-DO906, LX-DO907, LX-DO908, LX-PM901, LX-PM903 and LX-AUX901 comply with the requirements of the relevant standards (PL e / Cat. 4 according to ISO 13849-1, and SC 3 / SIL 3 according to IEC 61508) and can be used in applications up to these safety levels. The modules LX-AI906, LX-AI907, LX-TC901 and LX-RTD901 comply with the requirements of the relevant standards (PL d / Cat. 3 according to ISO 13849-1, and SC 3 / SIL 2 according to IEC 61508) and can be used in applications up to these safety levels. The modules LX-LG901, LX-DI906, LX-DI907, LX-DO906, LX-DO907, LX-DO908, LX-PM901, LX-PM903 and LX-AUX901 were also examined as part of the assessment with regard to the applicable requirements of IEC 62061:2021 + AMD1:2024 up to SIL 3 and can be used as such in these application areas. The modules LX-AI906, LX-AI907, LX-TC901 and LX-RTD901 were also examined as part of the assessment with regard to the applicable requirements of IEC 62061:2021 + AMD1:2024 up to SIL 2 and can be used as such in these application areas. The EMC requirements were assessed according to IEC 61131-2:2017 and IEC 61326-3-1:2017.		
Specific requirements	The instructions of Safety Manual, Module Manual, Algorithm Libraries Manual, Programming and Configuration Software Tool Manual must be considered.		

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V3.0:2020 in its actual version, whose results are documented in Report No. 968/FSP 2730.02/25 dated 2025-10-27. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-00.

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Köln, 2025-10-28

Certification Body Safety & Security for Automation & Grid

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