

Certificate



Product Safety
Functional
Safety

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No.: 968/FSP 1171.02/23

Product tested	Isolated Barriers for safety-related applications	Certificate holder	Nanjing New Power Electric Technology Co., Ltd. No. 19 Jinxin Middle Road, Jiangning District, Nanjing(Jiangning Development Zone), Jiangsu Province 211100, P.R. China
Type designation	NPEXA series, NPEXB series Details see actual "Revision List"		
Codes and standards	IEC 61508 Parts 1-7:2010	IEC 61326-3-1:2017	
Intended application	The Isolated Barriers NPEXA-K51, NPEXA-K511, NPEXA-K5D11 and NPEXB-KM31 meet SIL 2 and SC 3 of IEC 61508 and can be used in applications up to SIL 2 (HFT=0) resp. SIL 3 (HFT=1). The Isolated Barriers NPEXB-K512L, NPEXA-KM31, NPEXA-KM311, NPEXA-KM32, NPEXA-KM322, NPEXA-KM31S1S, NPEXA-KM31S, NPEXA-CM31, NPEXA-CM311, NPEXA-CM32, NPEXA-CM322, NPEXA-CM31S1S and NPEXA-CM31S meet SIL 3 and SC 3 of IEC 61508 and can be used in applications up to SIL 3. The requirements of IEC 61298-3:2008, clauses 5, 6, 7, 8, 12.3, 12.4, 12.5, 12.6, 12.10, 15, 16, 17 were reviewed in terms of the applicable requirements for testing.		
Specific requirements	The instructions of the associated Safety Manuals shall be considered.		

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V1.0:2017 in its actual version, whose results are documented in Report No. 968/FSP 1171.02/23 dated 2023-03-03. 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-11052-02-01.

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

Köln, 2023-03-03

Certification Body Safety & Security for Automation & Grid

Steffens
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