

EC Type-Examination Certificate



Product Safety
Functional
Safety

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Reg.-No.: 01/205/5807.00/21

Product tested	Safety relay unit for emergency stop applications	Certificate holder	Nanjing New Power Electric Co., Ltd. Liuhe Economic Development Zone Nanjing, Jiangsu Province 211500 P.R. China
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Type designation	NPFSR-K131AMD, NPFSR-K131MD, NPFSR-K122AMD, NPFSR-K122MD, NPFSR-K122YAMD, NPFSR-K122YMD, NPFSR-K2P31AMD, NPFSR-K2N31AMD, NPFSR-K2P22AMD, NPFSR-K2N22AMD		
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Codes and standards	EN ISO 13849-1:2015 EN ISO 13849-2:2012 EN 62061:2005 + AC:2010 + A1:2013 + A2:2015	IEC 61508 Parts 1-7:2010 EN 60947-1:2007 + A1:2011 + A2:2014 (in extracts)
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Intended application

The direct acting switch-off contacts of NPFSR-K1 and NPFSR-K2 series safety relay unit meet the requirements of PL e / Cat. 4 according to EN ISO 13849-1 and SIL CL 3 according to EN 62061, as well as for SIL 3 / SC 3 according to IEC 61508.

The time-delayed acting switch-off contacts of NPFSR-K122YAMD / NPFSR-K122YMD meet the requirements of PL d / Cat. 3 according to EN ISO 13849-1 and SIL CL 3 according to EN 62061, as well as for SIL 3 / SC 3 according to IEC 61508.

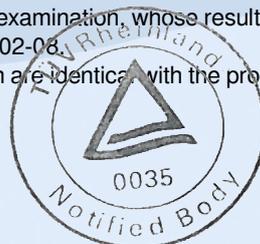
They can therefore be used in applications up to these levels.

Specific requirements The instructions of User Safety Manual 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 2026-03-15

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2143.00/21 dated 2021-02-08.
This certificate is valid only for products which are identical with the product tested.



Köln, 2021-03-15

Notified Body for Machinery, NB 0035

Jelena Stenzel
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