

EC Type-Examination Certificate



Product Safety
Functional
Safety

www.tuv.com
ID 0600000000

Reg.-No.: 01/205/0682.03/23

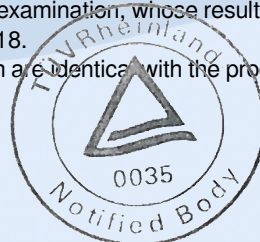
Product tested	Safety relay combinations	Certificate holder	EUCHNER GmbH + Co. KG Kohlhammerstr. 16 70771 Leinfelden- Echterdingen Germany
Type designation	ESM-BL20xx, ESM-BA20xx; ESM-BA30xx;		
Codes and standards	EN ISO 13849-1:2015 EN ISO 13849-1:2023	EN 61508 Parts 1-7:2010 EN IEC 60664-1:2020 + AC:2020-12	
Intended application	The safety relays ESM-BA20xx and ESM-BA30xx fulfils the requirements for SIL 3 acc. to EN 61508 and Cat. 4 / PL e acc. to EN ISO 13849-1. The safety relay ESM-BL20xx fulfils the requirements for SIL 2 acc. to EN 61508 and Cat. 3 / PL d acc. to EN ISO 13849-1. The products can be used in safety shutdown applications according to EN IEC 62061:2021, EN 61508 and EN 61511-1:2017+ A1:2017 up to these safety levels.		
Specific requirements	The provisions defined in the user manual and the conditions of the test report shall be maintained.		

It is confirmed that the products under test comply with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2028-11-20

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/M 231.03/23 dated 2023-12-18.

This certificate is valid only for products which are identical with the product tested.



Köln, 2023-12-19

Notified Body for Machinery, NB 0035

Sabine Wiegand

Dipl.-Ing. (FH) Sabine Wiegand