

EC Type-Examination Certificate



Product Safety
Functional
Safety

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ID 060000000

Reg.-No.: 01/205/5926.00/23

Product tested	Solenoid Interlock Switches for Guard Position and Lock Monitoring	Certificate holder	ABB Electrification Sweden AB Lunnagardsgtan 4 43190 Molndal SWEDEN
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Type designation	Mkey9RF, Mkey8/10RF, Mkey8ZRF
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Codes and standards	EN 60947-5-3:2013 EN IEC 60947-5-2:2020 + A11:2022, 8.4, EN 61508 Parts 1-7:2010 9.4	EN ISO 13849-1:2015
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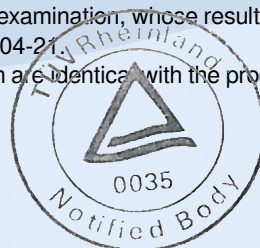
Intended application	The Solenoid Interlocking Switches comply with the requirements of Cat. 4 / PL e and SIL 3 acc. EN ISO 13849-1 and IEC 61508. They can be used up to these safety levels and up to SIL 3 acc. EN IEC 62061:2021. Furthermore the products comply with the product standard IEC 60947-5-3 and can be used as type 4 devices with high coding acc. ISO 14119:2013. If EDM (External Device Monitoring) and restart interlock function (acc. EN 62046:2018) is required then RT6 series Safety Relays have to be used, as described within the product data sheet.
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Specific requirements	The instructions of the associated Installation, Operating and Safety Manual shall be considered.
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It is confirmed, that the product tested complies with the requirements for machines defined in Annex I of the EC Directive 2006/42/EC.

Valid until 2028-04-24

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 2527.00/23 dated 2023-04-21.
This certificate is valid only for products which are identical with the product tested.



Köln, 2023-04-25

Notified Body for Machinery, NB 0035

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