

EC Type-Examination Certificate



Product Safety
Functional
Safety

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Reg.-No.: 01/205/5475.00/15

Product tested	Viper series Safety Relays	Certificate holder	IDEM Safety Switches Ltd. 2 Omside Close Hindley Industrial Estate Hindley Green, Wigan WN2 4HR United Kingdom
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Type designation	SCR-21-i, SCR-31-i, SCR-31P-i, SCR-73-i, SCR-31-42TD-i, SEU-31-i, SEU-31TD-i
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Codes and standards	EN ISO 13849-1:2008 + AC:2009 EN ISO 13849-2:2012 EN 62061:2005 + AC:2010 + A1:2013	EN 50178:1997 EN 60204-1:2006 + A1:2009 + AC:2010 (in extracts)
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Intended application	Safety relays for interlock, emergency stop, guard monitoring, e.g. The safety relays with instantaneously operated contacts (SCR-21-i, SCR-31-i, SCR-31P-i, SCR-73-i, SEU-31-i) meet Cat. 4 / PL e and SIL 3. The safety relays with time delayed contacts (SCR-31-42TD-i, SEU-31TD-i) meet Cat. 3 / PL e and SIL 3. In safety applications the contact extension units (SEU-31-i, SEU-31TD-i) may only be used in combination with a base unit model.
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Specific requirements	The instructions of the associated Installation Manual shall be considered.
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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 2020-10-07

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1141.00/15 dated 2015-10-07.

This certificate is valid only for products which are identical with the product tested. It becomes invalid at any change of the codes and standards forming the basis of testing for the intended application.

Berlin, 2015-10-07

Certification Body for Machinery, NB 0035

Dipl.-Ing. Eberhard Frejno

