

Certificate



Product Safety
SIL/PL
Capability

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ID 060000000

No.: 968/FSP 1457.00/17

Product tested	KLT Series guard interlocking switches	Certificate holder	IDEM Safety Switches Ltd. 2 Ormside Close Hindley Industrial Estate Hindley Green, Wigan WN2 4HR United Kingdom
Type designation	KLTM-RFID, KLT-SS-RFID, UGB2-KLTM-RFID, UGB4-KLTM-RFID, UGB2-KLT-SS-RFID, UGB4-KLT-SS-RFID		
Codes and standards	IEC 60947-5-3:2013 IEC 60947-5-2:2012 (in extracts) IEC 60947-1:2014	ISO 13849-1:2015 IEC 62061:2015 + AC:2015	
Intended application	The KLT series guard interlocking switches can be classified as type 4 in accordance with ISO 14119. In combination with external safety devices they can be used as PDDb in accordance with IEC 60947-5-3 in safety applications up to SIL 3 and Cat. 4 / PL e in accordance with IEC 62061 and ISO 13849-1.		
Specific requirements	In PL e / SIL 3 applications, in which a periodical demand of the safety function is not ensured by regular operational sequences (≥ 1 /month), the safety function has to be tested manually at least once per month. For cascaded systems with series connection of multiple interlocking devices ISO TR 24119 has to be considered, since the maximum achievable safety level could be reduced to lower than PL e and SIL 3. The solenoid locking mechanism is intended to ensure process reliability and not personal protection.		

Valid until 2022-06-29

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1457.00/17 dated 2017-06-29.

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.

TÜV Rheinland Industrie Service GmbH

Bereich Automation
Funktionale Sicherheit

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Köln, 2017-06-29

Certification Body Safety & Security for Automation & Grid

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