

EU Type-Examination Certificate



Product Safety
Functional
Safety

www.tuv.com
ID 0600000000

Reg.-No.: 01/208/4A/6125.00/17

Product tested	Safety Circuit with Electronic Components (PESSRAL), Twin Beam Light Barrier	Certificate holder	CEDES AG Science Park / Kantonsstr. 14 7302 Landquart Switzerland
Type designation	PHSIS2.1, type #104 470, PHSIS2.1 NA, type #111 770		
Codes and standards	Directive 2014/33/EU EN 81-20:2014 EN 81-50:2014 EN 81-1:1998 + A3:2009	IEC 61508 Parts 1-7:2010 IEC 61496-1:2012 + Corr. 1:2015 (in extracts) EN 50178:1997	
Intended application	Detection of unintended car movement with open doors in accordance with EN 81-20, 5.6.7.7 resp. EN 81-1, 9.11.7. Check on levelling and re-levelling of the lift car in accordance with EN 81-20, 5.12.1.4 a) resp. EN 81-1, 14.2.1.2 a) 2). The safety functions fulfil the requirements of SIL 3 acc. to IEC 61508.		
Specific requirements	The instructions of the associated Instruction Manual as well as the annex to this certificate shall be considered.		

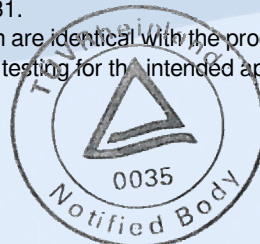
It is confirmed, that the product tested complies with the requirements for lifts defined in the EU-Directive 2014/33/EU.

Valid until 2022-07-31

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/A 124.04/17 dated 2017-07-31.

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.

Köln, 2017-07-31



Notified Body for Lifts and their Safety Components, NB 0035

Dipl.-Ing. Volker Sepanski