

Certificate



Product Safety
Functional
Safety

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ID 0600000000

No.: 968/EL 682.03/16

Product tested	Arc Protection System	Certificate holder	ABB AB Control Products Motorgränd 20 721 61 Västerås Sweden
Type designation	Arc Guard TVOC-2: Base Unit (TVOC-2-240), Base Unit (TVOC-2-48), Extension Unit (TVOC-2-E1), Extension Unit (TVOC-2-E3), HMI (TVOC-2-H1), HMI (TVOC-2-COM), Light Detectors (TVOC-2-DPx)		
Codes and standards	IEC 61508 Parts 1-2 and 4-7:2010	IEC 61010-1:2010 + Corr.1:2011 + Corr.2:2013	
Intended application	The arc protection system complies with the requirements of SIL 2 acc. to IEC 61508 and can be used in applications up to this safety level.		
Specific requirements	The instructions of the associated Installation and Operating Manual shall be considered.		

Valid until 2021-12-07

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EL 682.03/16 dated 2016-12-07.

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.

TÜV Rheinland Industrie Service GmbH

Bereich Automation
Funktionale Sicherheit

Am Grauen Stein, 51105 Köln

Köln, 2016-12-07

Certification Body Safety & Security for Automation & Grid



Dipl.-Ing. Stephan Hüb