

# Certificate



Functional  
Safety  
Type  
Approved

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ID 060000000

**No.: 968/EL 682.02/15**

<b>Product tested</b>	Arc Monitor System	<b>Certificate holder</b>	ABB AB Control Products Motorgränd 20 721 61 Västerås Sweden
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<b>Type designation</b>	ArcGuard TVOC-2: Base Unit (TVOC - 2 - 240V/48V/24V), Extension Unit (TVOC - 2 - E1), Extension Unit (TVOC - 2 - E3), HMI (TVOC - 2 - H1), Light Detectors (TVOC - 2 - DPx)
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<b>Codes and standards</b>	IEC 61508 Parts 1-2 and 4-7:2010 EN 50178:1997 (in extracts)
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<b>Intended application</b>	The arc monitoring system complies with the requirements of SIL CL 2 acc. to IEC 61508 and can be used in applications up to SIL 2 acc. to IEC 61508.
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<b>Specific requirements</b>	The instructions of the associated Installation and Operating Manual shall be considered.
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Valid until 2020-03-25

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/EL 682.02/15 dated 2015-03-25.

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, 2015-03-25

Certification Body for FS-Products

Dipl.-Ing. Stephan Häb

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