

# Certificate



Product Safety  
Functional  
Safety

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**No.: 968/FSP 1248.00/16**

<b>Product tested</b>	Safety Related Electronic Modules	<b>Certificate holder</b>	HIMA Paul Hildebrandt GmbH Albert-Bassermann-Str. 28 68782 Brühl bei Mannheim Germany
<b>Type designation</b>	Switching Amplifier H 4007 H 4012 (SIL 3) H 4011 (SIL 3)		
<b>Codes and standards</b>	IEC 61508-2:2010 IEC 61511-1:2016 (in extracts) EN 50156-1:2015 (in extracts) EN 60664-1:2007	EN 50178:1997 EN 298:2012 (in extracts) NFPA 85:2015 (in extracts) NFPA 86:2015 (in extracts)	
<b>Intended application</b>	Safety Related Electronic Modules for the use in process control, burner management (BMS) and emergency shut down systems according to the stated application standards, where the safe state is the de-energized state. The modules are suitable for safety related applications up to SIL 3 (H 4011 and H 4012) respectively are not limiting the safety class up to SIL 4 (H 4007).		
<b>Specific requirements</b>	For the use of the Switching Amplifier, the Data Sheets and the actual revision of the product documentation released by HIMA have to be considered.		
Valid until 2021-05-04			

The issue of this certificate is based upon an examination, whose results are documented in Report No. 968/FSP 1248.00/16 dated 2016-05-04.

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, 2016-05-04

Certification Body Safety & Security for Automation & Grid

*Steffens*  
Dipl.-Ing. Thomas Steffens