

Certificate



Functional
Safety

www.tuv.com
ID 0600000000

No.: 968/FSP 3301.00/26

Product tested	Software component for temporal and spatial separation of applications	Certificate holder	Renesas Electronics Corporation 3-2-24 Toyosu Koto-ku Tokyo 135-0061 Japan
Type designation	CM23/CM33 Based RA Family Functional Safety Platform Software as listed in the current revision list		
Codes and standards	IEC 61508-1:2010 IEC 61508-2:2010	IEC 61508-3:2010	
Intended application	The CM23/CM33 Based RA Family Functional Safety Platform Software complies with the requirements of SC 3 according to IEC 61508. Hence, this product can be used to support the integrator to achieve freedom from interference between multiple safety-related and non-safety-related applications up to SIL 3 according to IEC 61508. The claimed diagnostic coverages of 99% (high) for RAM error detection by block replication, 90% (medium) for memory fault detection for control registers of on-chip peripherals and 99% (high) for the combination of logical and temporal monitoring can be confirmed.		
Specific requirements	The instructions in the associated user and safety manuals shall be considered.		

The issue of this certificate is based upon an evaluation in accordance with the Certification Program CERT FSP1 V4.0:2025 in its actual version, whose results are documented in Report No. 968/FSP 3301.00/26 dated 2026-10-08. This certificate is valid only for products, which are identical with the product tested. Issued by the certification body accredited by DAkkS according to DIN EN ISO/IEC 17065. The accreditation is only valid for the scope listed in the annex to the accreditation certificate D-ZE-11052-02-00.

TÜV Rheinland Industrie Service GmbH
Bereich Automation
Funktionale Sicherheit
Am Grauen Stein, 51105 Köln

Köln, 2026-10-23

Certification Body Safety & Security for Automation & Grid

Jens Hempel

Dipl.-Ing. Jens Hempel

www.fs-products.com
www.tuv.com

