



Italia

COMPLIANCE

with IEC EN 61508

Certificate No.: C – IS – 224248 – 01

CERTIFICATE OWNER: GM International S.r.l.
Via San Fiorano, 70 – 20058 Villasanta (MI)

WE HEREWITH CONFIRM THAT
THE MODULES IN THE TABLE ENCLOSED TO THE PRESENT DOCUMENT

MEET THE REQUIREMENTS OF IEC EN 61508
(LOW DEMAND MODE OF OPERATION)

Examination result: The above described Modules were found to meet the standard defined requirements of the safety levels detailed in the following table (T-IS-224248-01) according to IEC EN 61508, under fulfillment of the conditions listed in the related Reports, mentioned in the same table, in their currently valid version, on which this Certificate is based

Examination parameters: Functional characteristics, reliability and availability parameters and functional safety management

Official Summary Table No.: T-IS-224248-01

Expiry Date November, 29th 2015

IT IS TO BE INTENDED THAT THE ABOVE OFFICIAL SUMMARY TABLE IS AN INTEGRAL PART OF THIS DOCUMENT

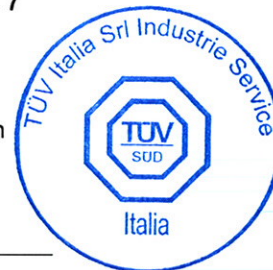
Reference Standard IEC EN 61508:2010 Part 1, 2, 4, 6, 7

Sesto San Giovanni, November, 30th 2012

TÜV ITALIA Srl

TÜV ITALIA Srl
Industry Service Division
Director

Genaro Oliva





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SUMMARY TABLE T-IS-224248-01

	ITEM NAME	REPORT CODE	FINAL RESULTS		
			T _{Proof}	Configuration	Allowed SIL
1.	D5290S-078	R – IS – 224248 - 01	10 years	1st and 2nd	SIL3*
			20 years		SIL3**
			7 years	3rd	SIL2*
			14 years		SIL2**
			10 years	4th	SIL3*
			20 years		SIL3**
			6 years	5th	SIL3*
			12 years		SIL3**
			20 years	6th	SIL2*

(*)Considering the products not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products not contribute more than 20% of total SIF dangerous failure.

T-IS-224248-01

NOTE: The present table is integral part of the Document: C-IS-224248-01

Date: May, 9th 2013



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	ITEM NAME	REPORT CODE	FINAL RESULTS		
			T _{Proof}	Configuration	Allowed SIL
2.	D5290S-078/SA and D5290S-084	R – IS – 224248 - 01	10 years	1st and 2nd	SIL3*
			20 years		SIL3**
			7 years	3rd	SIL2*
			14 years		SIL2**
			10 years	4th	SIL3*
			20 years		SIL3**
3.	D5290S-079	R – IS – 224248 - 01	10 years	1st and 2nd	SIL3*
			20 years		SIL3**
			7 years	3rd	SIL2*
			14 years		SIL2**
			10 years	4th	SIL3*
			20 years		SIL3**
4.	D5093S_D5093D	R – IS – 224248 - 02	6 years	For each single channel	SIL3*
			20 years	For each single channel	SIL2*

(*)Considering the products not contribute more than 10% of total SIF dangerous failure.

(**)Considering the products not contribute more than 20% of total SIF dangerous failure.

T-IS-224248-01

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Date: May, 9th 2013