



GIOVENZANA
INTERNATIONAL B.V.

DICHIARAZIONE DI CONFORMITA' UE EU DECLARATION OF CONFORMITY

Giovenzana International B.V.

Strawinskylaan 1105 - 1077 XX AMSTERDAM (NL)

Dichiara sotto la propria responsabilità che i prodotti con marchio G.G. International sono conformi per ciò che riguarda i valori di MTTF_d e B10_d alla direttiva ISO 13849-2:2012.

Declares under own responsibility that the products with G.G. International trademark regarding the MTTF_d e B10_d values are in according with the ISO 13849-2:2012.

	Basic and well-tryed safety principles according to ISO 13849-2:2012	Relevant standards	Typical values: MTTF _D (years) B _{10D} (cycles)
Mechanical components	Table A.1 and A.2	-----	MTTF _D = 150
Hydraulic components with $n_{op} \geq 1\,000\,000$ cycles per year	Table C.1 and C.2	ISO 4413	MTTF _D = 150
Hydraulic components with 1 000 000 cycles per year $>n_{op} \geq 500\,000$ cycles per year	Table C.1 and C.2 Table C.1 and C.2	ISO 4413	MTTF _D = 300
Hydraulic components with 500 000 cycles per year $>n_{op} \geq 250\,000$ cycles per year	Table C.1 and C.2	ISO 4413	MTTF _D = 600
Hydraulic components with 250 000 cycles per year $>n_{op}$	Table C.1 and C.2	ISO 4413	MTTF _D = 1 200
Pneumatic components	Table B.1 and B.2	ISO 4414	B _{10D} = 20 000 000
Relays and contactor relays with small load	Table D.1 and D.2	EN 50205 IEC 61810 IEC 60947	B _{10D} = 20 000 000
Relays and contactor relays with nominal load	Table D.1 and D.2	EN 50205 IEC 61810 IEC 60947	B _{10D} = 400 000
Proximity switches with small load	Table D.1 and D.2	IEC 60947 ISO 14119	B _{10D} = 20 000 000
Proximity switches with nominal load	Table D.1 and D.2	IEC 60947 ISO 14119	B _{10D} = 400 000
Contactors with small load	Table D.1 and D.2	IEC 60947	B _{10D} = 20 000 000
Contactors with nominal load	Table D.1 and D.2	IEC 60947	B _{10D} = 1 300 000 (see Note 1)
Position switches ^a	Table D.1 and D.2	IEC 60947 ISO 14119	B _{10D} = 20 000 000
Position switches (with separate actuator, guard-locking) ^a	Table D.1 and D.2	IEC 60947 ISO 14119	B _{10D} = 2 000 000

Amsterdam 01-03-2019

(Luogo e data di emissione)

(Place and date of issue)

Massimo Giovenzana

(Nome e firma di persona autorizzata)

(Name and signature of authorized person)



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