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Italia

Certificate concerning the examination of conformity

Certificate no.:	**EVOL 722228743**
Certification body:	**TÜV Italia Srl** Via Giosuè Carducci, 125 20099 Sesto San Giovanni - ITALY
Applicant/Certificate holder:	**PIZZATO ELETTRICA S.r.l.** Via Torino, 1 36063 Marostica - ITALY
Date of application:	11/11/2020
Manufacturer:	**PIZZATO ELETTRICA S.r.l.** Corso della Ceramica 56/B 36063 Marostica - ITALY
Product:	Safety contact with positive operation, for use as lock contact of landing door and car door locking devices, or as door switch of lift doors
Type:	DS series
Test laboratory:	**TÜV Italia Srl** Via Giosuè Carducci, 125 20099 Sesto San Giovanni - ITALY
Test specifications:	Lift Directive 2014/33/UE EN 81-20:2014, EN 81-50:2014
Date and number of the test report:	2020-11-11 - ROC201111-01-722228743
Result:	The equipment fulfills the requirements of the test specifications for the respective scope of application stated in the Annex, page 1-2 of this certificate, keeping the mentioned conditions.
Validity:	This certificate is valid in conjunction with the test certificate issued after each production control until the date mentioned in it.

Date of first issue: 23/11/2020
Date of this issue: 23/11/2020

This certificate is valid only if accompanied by its own attachment

TÜV Italia S.r.l.

Alberto Carelli
Industry Service/Real Estate & Infrastructure Managing Director

TÜV Italia Srl Industrie Service Italia

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Aggiungi valore.

TÜV Italia srl - Sede - I-20099 Sesto S. Giovanni (MI) via Giosuè Carducci 125

Annex to the certificate concerning the examination of conformity No. EVOL 722228743 dated 23-11-2020

1 Scope of application

1.1 Safety contacts with positive operation, for use as lock contact of landing doors and car door locking devices, or as door switch of lift doors according to EN 81-20:2014 and EN 81-50:2014, Type DS, with the following characteristics:

Type	Item	Rated Tension / Current
DS AxxVA	Safety contact DS type	AC 230 V / 2 A DC 200 V / 2 A DC 125 V / 0.5 A
DS Cx1VA0	Safety contact DS type	AC 230 V / 2 A DC 200 V / 2 A DC 125 V / 1 A

1.2 The safety contact with positive operation, type DS are operated with one of the following contact bridges:

Type	Item
DS KxxA	Contact bridge

NOTE: refer to attached explanation of the structure of the codes, which is integral part of this document.

2 Conditions

2.1 Electrical nominal values of the safety contacts Type DS AxxVA:

Alternating current: 230 V / 2 A

Direct current: 200 V / 2 A

Direct current: 125 V / 0.5 A

Electrical nominal values of the safety contacts Type DS Cx1VA0:

Alternating current: 230 V / 2 A

Direct current: 200 V / 2 A

Direct current: 125 V / 1 A

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2.2 The creepage distances of the switch of at least 4 mm and the clearances of the switch of at least 3 mm in relation to the conductive or metallic components in the surroundings, must be guaranteed by the arrangement of the switch-box and the switch-bridge or by inserting additiona linsulating shims.

2.3 The certificate is valid in conjunction with the test certificate issued after each production control until the date mentioned in it.

3 Remarks

3.1 For identification and information about the fundamental method of construction of the safety contact, the corresponding datasheet/drawings:

TUV_DS AA1VA, TUV_DS AA5VA, TUV_DS AE1VA, TUV_DS AE5VA, TUV_DS CH1AV0, TUV_DS CN1VA0, TUV_DS KA1A, TUV_DS KA2A, TUV_DS KA3A, TUV_DS KB1A, TUV_DS KB2A, TUV_DS KB3A, TUV_DS KP5A dated 23-06-20

with test remarks of 2020-11-11, has to be enclosed to this certificate.

3.2 The product shall be clearly labelled with the name of the manufacturer and the type specification, to be able to check the conformity of the examined product with the series production.

3.3 The certificate concerning the examination of conformity may be used only in connection with the pertinent Annex.

3.4 This certificate is based on the state of the art, which is documented through the current harmonized standards. Changes resp. extensions these standards or a further development of the state of the art may make a revision of this report necessary.

3.5 This certificate does not assess the observance of the requirements with regard to “protection classes provided by enclosures according to EN 60529 (IP-Code) concerning protection againts foreign matter (objects) and against water” for electric devices.

3.6 This certificate does not assess the fire behaviour of the safety contact and the contact bridges.

3.7 The List of Safety Components for Lifts (Annex III of Lift Directive 2014/33/EU) does not contain safety contacts. For that reason, no EU Type Examination certificate according to Annex II part A (Content of the EU declaration of conformity for safety components) of the Directive 2014/33/EU, can be issued for that.

3.8 If new knoledge should occur, the test laboratory reserves the right to give additional conditions concerning the use of the safety contact, or to modify existing conditions.

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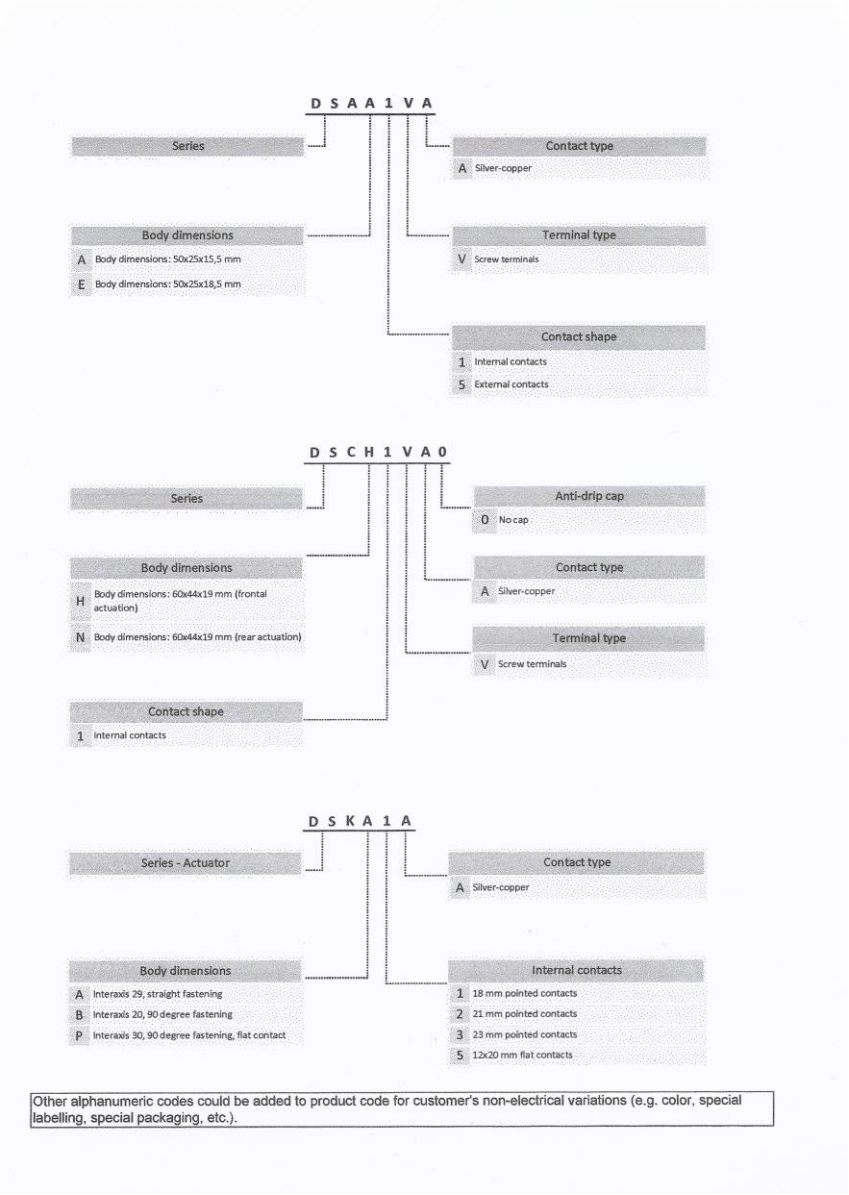

Other alphanumeric codes could be added to product code for customer's non-electrical variations (e.g. color, special labelling, special packaging, etc.).

EXPLANATION OF THE STRUCTURE OF THE CODES