



liftinstituut
SINCE 1933



EU-TYPE EXAMINATION CERTIFICATE

Issued by Liftinstituut B.V.
identification number Notified Body 0400,
commissioned by Decree no. 2018-0000125182

Certificate no. : NL16-400-1002-075-07 Revision no.: 3

Description of the product : Door locking device for automatic horizontal sliding landing doors.

Trademark : Tecnolama S.A,

Type : Premium

Name and address of the manufacturer : Tecnolama S.A.
Ctra. Constantí km.3
43204 Reus, Spain
A list of manufacturers is set in chapter 1 of the belonging report

Name and address of the certificate holder : Tecnolama S.A.
Ctra. Constantí km.3
43204 Reus, Spain

Certificate issued on the following requirements : Lifts Directive 2014/33/EU

Certificate based on the following standard : Parts of: EN81-1/2:1998+A3:2009, EN 81-20:2020, EN 81-50:2020

Test laboratory : None

Date and number of the laboratory report : None

Date of EU-type examination : April-July 2016, April 2018, June 2020, September 2021

Additional document with this certificate : Report belonging to the EU-type examination certificate no.: NL16-400-1002-075-07 rev.3

Additional remarks : This revision replaces certificate NL16-400-1002-075-07 rev. 2 of 15-06-2020. See chapter 2 & 5 of the report belonging to this EU-type examination certificate for additional conditions.

Conclusion : The safety component meets the requirements of the Lifts Directive 2014/33/EU taking into account any additional remarks mentioned above.

Amsterdam

Date : 20-09-2021
Valid until : 20-09-2026


ing A.J. van Ommen
International Business
Manager


Certification decision by



Report EU-type examination

Report belonging to EU-type examination certificate number	: NL16-400-1002-075-07
Date of issue of original certificate	: 21-07-2016
Certificate applies to	: Safety component
Revision number / date	: 3 / 20-09-2021
Requirements	: Lifts Directive 2014/33/EU Standards: EN 81-1/2 :1998+A3 :2009 EN 81-20 :2020, EN 81-50 :2020
Project number	: P160163-01, P200154, P210090

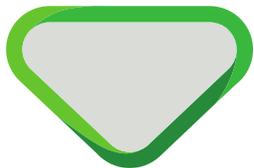
1. General specifications

Description of the product	: Door locking device for automatic horizontal sliding landing doors
Trademark	: Tec nolama, S.A. Ctra. Constantí km.3 43204 Reus, Spain
Type	: Premium
Name and address of the manufacturer	: Tec nolama, S.A. Ctra. Constantí km.3 43204 Reus, Spain

ETS. HENRI PEIGNEN, S.A.
3 Rue de la Borne Blanche,
77380 Combs la Ville, France

Tecnidoors S.p.A.
Via M. Ferrari 5 / 7
28012 Cressa (Novara)
P. IVA: IT 02184530026, Italy

Enginova Sp. z o.o.
ul. Wschodnia 11
99-300 Kutno, Poland



Tecno Doors Pvt. Ltd.

Plot No. L-1
SIPCOT Ind. Park Sriperumbudur
Mambakkam & Pondur "A" Village
Sriperumbudur Taluk, Kancheepuram Dist.
(Tamil Nadu) 602106, India

Ningbo Arttec Co.Ltd.

Ningbo European Ind.park first seashore
road, Hangzhou bay new zone-P.C 315336
Cixi city Zhejiang,China

Changshu Wanyou Co. Ltd.

No. 16, Qingdao Road, Changshu Hi-tech
Industrial Park - 215500 Changshu
China

Test location	: TecnoLama, S.A. Ctra. Constantí km.3 43204 Reus, Spain
Date of examination	: May-July 2016, April 2018, June 2020, September 2021
Examination performed by	: W. Visser, M.Issa

2. Description safety component

The door locking device Premium consist of two parts, the locking housing and the locking hook. The door locking device can be used automatic horizontal sliding landing doors, both telescopic (T) and central opening (C).

The locking takes place by a hook mounted on the door panel. The housing is mounted on the door rail. Also is it possible to open the lock by means of a triangular key according to the requirements of the mentioned standards.

The Premium lock can have a reduced locking beak. In that case the locking force is guaranteed by adding 2 counterweight plates at the other end of the beak. (See Annex 1b and 1d).

The Premium lock and the Premium lock with reduced locking beak can also be supplied with an IP54 safety contact. (See Annex 1f and 1g).



Different safety contacts can be used:

CONTACT #1

Manufacturer	Suns
Contact type	EDC 61 L + DCA F3 / DCA-F3A
Ue / Ie	230 VAC / 2 A AC or 200 VDC / 1 A DC

For IPX3

CONTACT #2

Manufacturer	Suns
Contact type	EDC 63 X3 + DCA F3 / DCA-F3B
Ue / Ie	230 VAC / 1 A AC or 200 VDC / 0.5 A DC

For the IP54 model:

CONTACT #3

Manufacturer	STEM
Contact type	N520HD + M125 + NC80 control unit
Ue / Ie	24 VDC / 0.5 A DC

CONTACT #4

Manufacturer	Bernstein
Contact type	TI2-A1Z KS
Ue / Ie	240 VAC / 3 A AC or 250 VDC / 0,27 A DC

See annex 1 for a general overview of the product

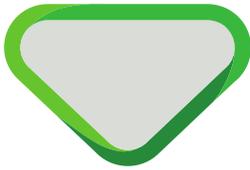
3. Examinations and tests

The examination covered a check whether compliance with the Lifts Directive 2014/33/EU is met, based on the harmonized product standards EN81-1/2, EN81-20 and EN81-50.

The examination included:

- Examination of the technical file (See annex 2):
- Examination of the representative model in order to establish conformity with the technical file.
- Verification of the required tests which are performed by manufacturer.
- Inspections and tests to check compliance with the requirements.

The tests which are performed are as stated in annex F1 of the EN 81-1/2 and clause 5.2 of EN81-50. These tests have been performed by the manufacturer at their test location in the TecnoLama premises Reus, Spain.



Some tests are repeated with Liftinstituut present, in order to validate the correctness of testing and test equipment.

The electrical safety contacts that can be used are also tested at Tecnomama test location or by the specific manufacturer. Test reports are verified by Liftinstituut. Some tests are repeated with Liftinstituut present, in order to validate the correctness of testing and test equipment.

Tecnomama S.A. and the other factories mentioned in chapter 1 of this report have a certificate of the quality assurance system, according Lifts Directive 2014/33/EU, annex VII module H. The scope of this certificate is designing, manufacturing, performing final inspection and tests of locking devices for landing doors. Therefore all mentioned factories can perform the tests mentioned in clause 5.2 of EN 81-50 themselves.

For the 5 year renewal of the certificate, randomly picked tests have been repeated and witnessed remotely by Liftinstituut.

4. Results

After the final examination the product and the technical file were found in accordance with the requirements. The functional tests passed without remarks.
The load tests passed without remarks.

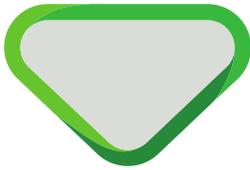
5. Conditions

On the EU type-examination certificate the following conditions shall be taken into account:

- The door lock shall be used for horizontal power operated sliding landing doors only.
- Locking distance before making contact must be at least 7 mm
- The maintenance and installation instructions shall be provided with the lift.
- The position of the unlocking triangle shall be according to clause 5.3.9.3.2 of EN81-20.
- The complete landing door lock assembly with the door panels and their mechanical linkage, shall be designed according to corresponding requirements of EN81-20 and tested according 5.2.3.1 of EN81-50. Module H of the manufacturer is securing this.

6. Conclusions

Based upon the results of the EU-type examination Liftinstituut B.V. issues an EU-type examination certificate.



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The EU-type examination certificate is only valid for products which are in conformity with the same specifications as the type certified product. The certificate is issued based on the requirements that are valid at the date of issue. In case of changes of the product specifications, changes in the requirements or changes in the state of the art the certificate holder shall request Liftinstituut B.V. to reconsider the validity of the certificate.

7. CE marking and EU Declaration of conformity

Every safety component that is placed on the market in complete conformity with the examined type must be provided with a CE marking according to article 18 of the Lift directive 2014/33/EU under consideration that conformity with eventually other applicable Directives is proven. Also every safety component must be accompanied by an EU declaration of conformity according to annex II of the Directive in which the name, address and Notified Body identification number of Liftinstituut B.V. must be included as well as the number of the EU-type examination certificate.

An EU type-certified safety component shall be subject to the conformity assessment procedure, before these safety components may be CE-marked and may be placed on the market. This random check can be performed by any of the factories mentioned in chapter 1 of this report. The CE marking on the locking device shall be followed by the identification number of the Notified Body involved in certification of the manufacturers full quality assurance, according to Annex VII, module H.

Prepared by:

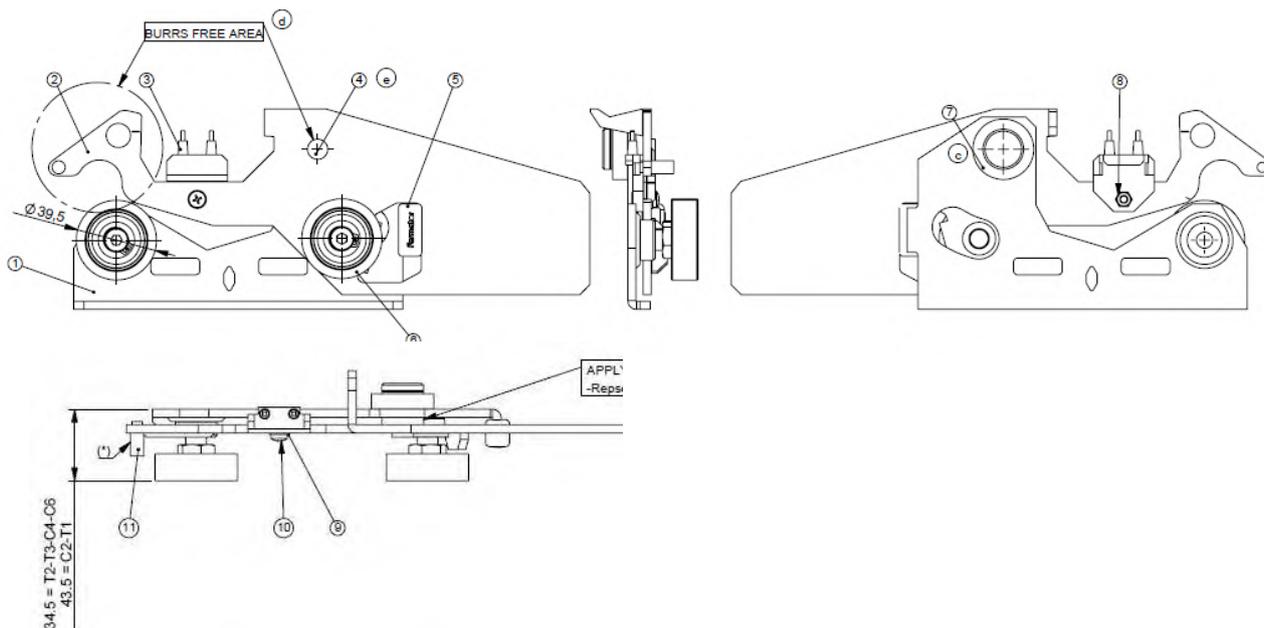
Certification decision by:

W. Visser
Product Specialist Certification

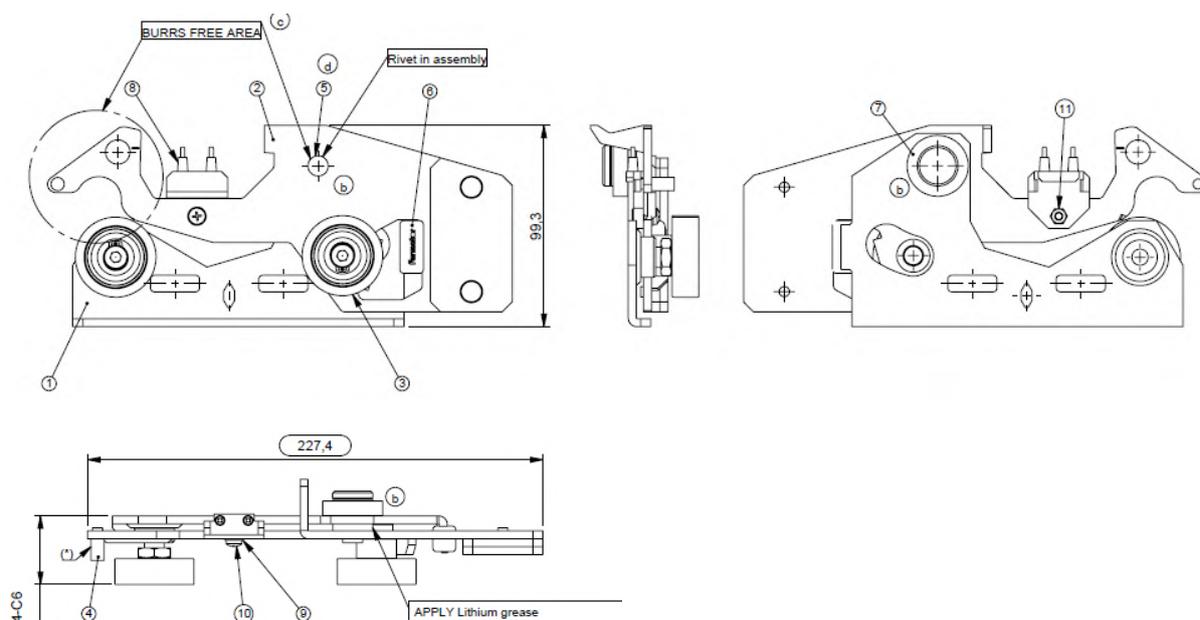


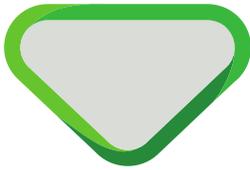
Annexes

Annex 1a. Premium

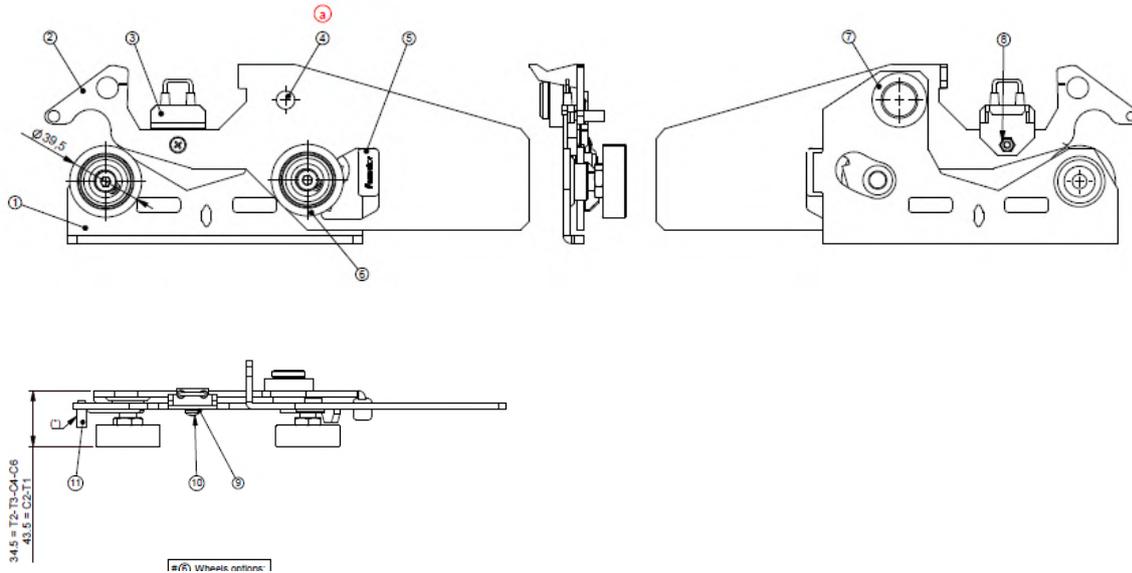


Annex 1b. Premium with reduced locking beak

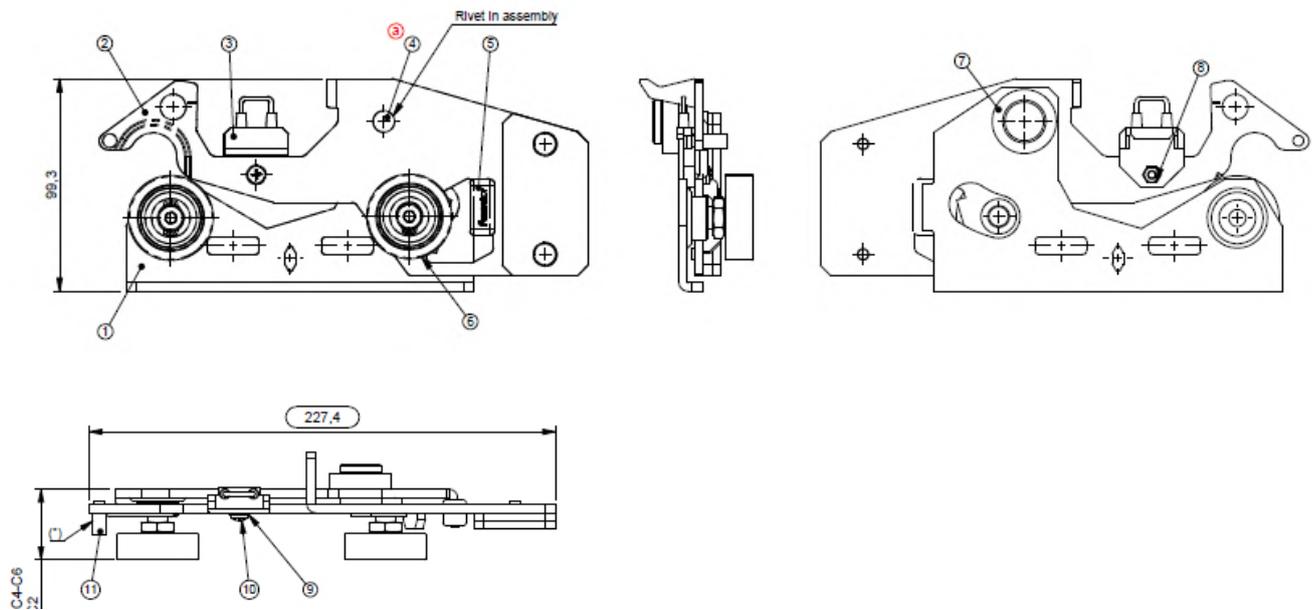




Annex 1c. Premium IPX3



Annex 1d. Premium IPX3 With reduced locking beak

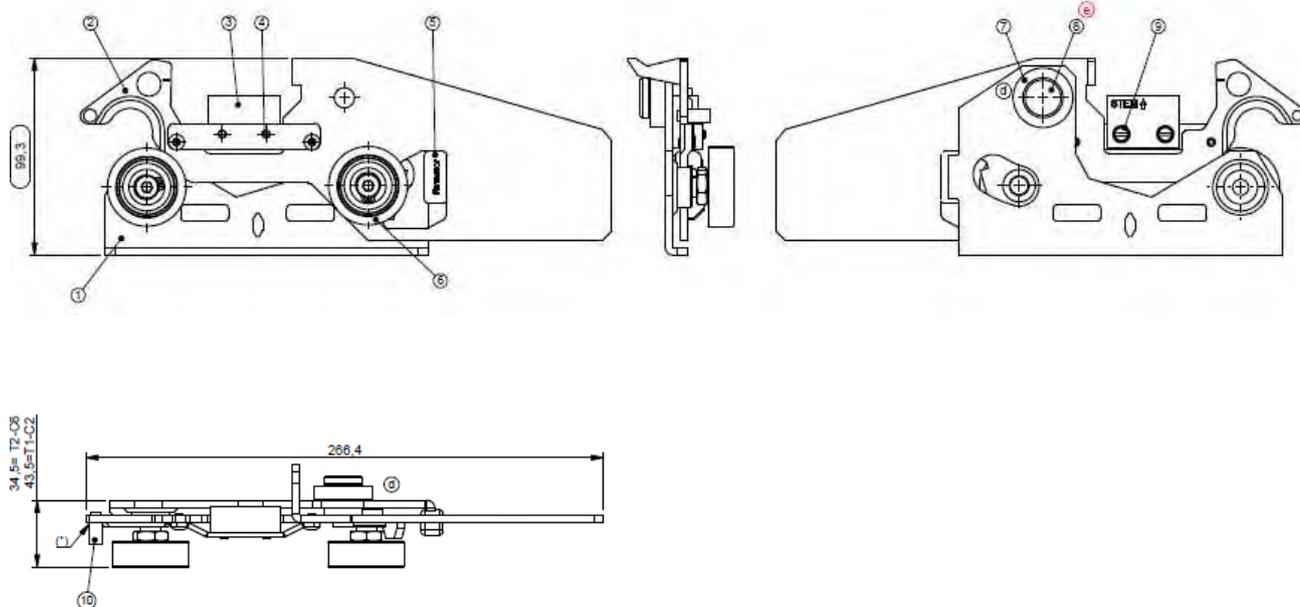




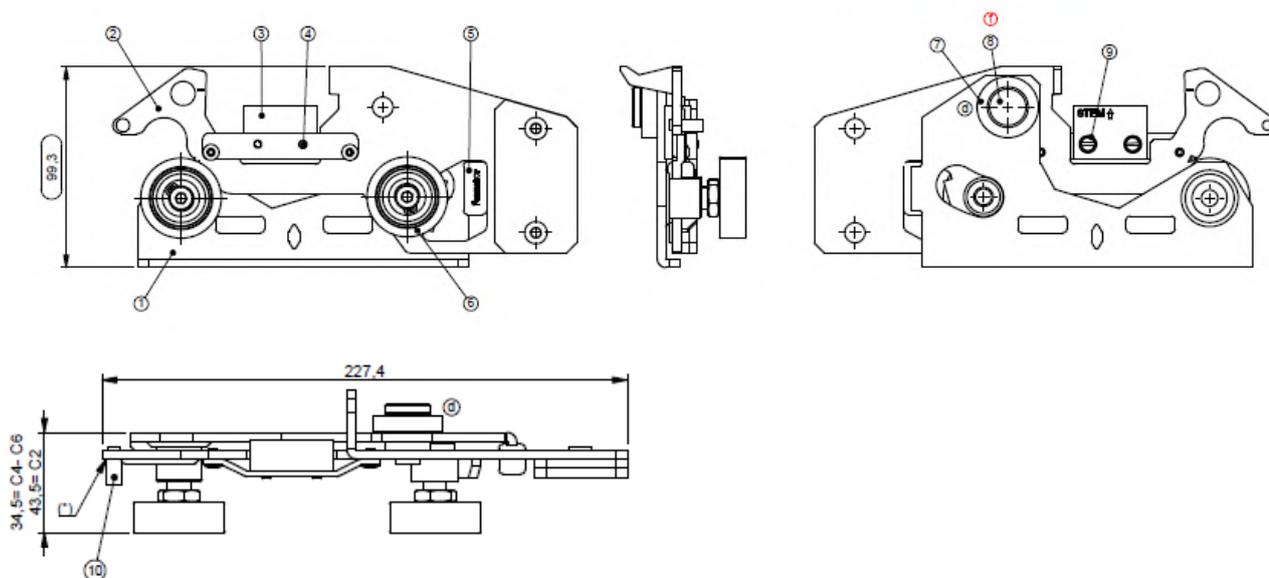
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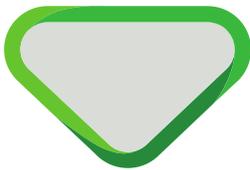


Annex 1e. Premium IP54 STEM

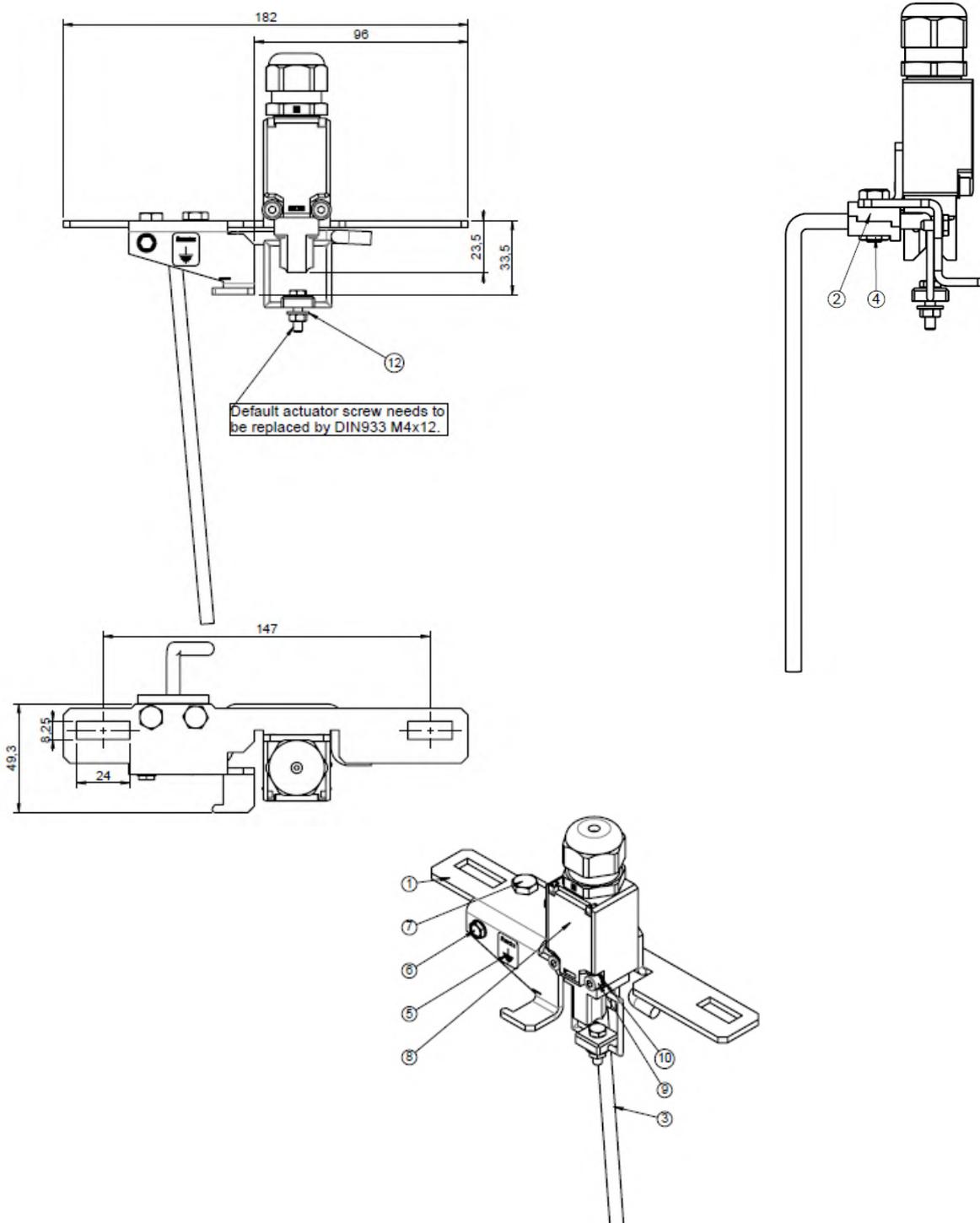


Annex 1f. Premium with reduced locking beak IP54 STEM





Annex 1g. Premium IP54 Bernstein





Annex 2. Documents of the Technical File which were subject of the examination

Title		document number	date
Manual Premium		MAN-MMPM00000000TC-05.	05-2021
Summary test report		153101	30-07-2015
Summary test report		162407	16-06-2016
Endurance + Dynamic test report		110805	02-03-2011
Static test report		110701	14-02-2011
Drawing Premium		00.036779.00	06-11-2020
Drawing Premium reduced beak		00.036778.00	03-02-2021
Drawing Premium 54		00.005932.00	12-11-2020
Drawing Premium red. Beak 54		00.029458.00 Rev.d	14-11-2019
Drawing Premium Bernstein		00.005990.00	19-06-2019
Drawing Premium IPX3		00.038523.00	24-11-2020
Drawing Premium IPX3 reduced beak		00.038522.00	24-11-2020
Test report		200801	10-12-2019
Summary of tests Premium landing locking device		DOC-FE.PM.RP.202604.EN	24-06-2020
Test Report – Mechanical test in locking device Premium		DOC-FE.PM.RP.200801.EN	10-03-2020
Test Report 01/11 · Lock Premium		DOC-FE.PM.RP.193605.EN	03-05-2021
Annex Module H certificates	Tecnomama, S.A (Spain)	ES025684-1035	06-09-2020
	Tecno Doors Pvt. Ltd. (India)	ES017451-1035	28-07-2021
	Tecnidoors S.p.A. (Italy)	ES079529-1035	06-03-2020
	ETS. HENRI PEIGNEN, S.A. (France)	ES080485-1035	06-04-2020
	Enginova Sp. z o.o. (Poland)	ES050719-1035	30-08-2019
	Ningbo Arttec Co.Ltd.(China)	ES025621-1035	03-07-2019
	Changshu Wanyou Co. Ltd. (China)	ES105759-1035	03-07-2019

Annex 3. Reviewed deviations from the standards

EN xx-x par.	Requirement	Accepted design
X.X.X		



Annex 4. Revision of the certificate and its report

Rev.:	Date	Summary of revision
-	21-07-2016	Original
1	10-04-2018	Change in address Manufacturer
2	15-06-2020	Change in design approved based on new test report
3	20-09-2021	Textual changes. Adding 2 other tuypes of electrical contacts. Adated version of technical file documents. Minor modification in design. Renewal of certification.