

liftinstituut
SINCE 1933



EU-TYPE EXAMINATION CERTIFICATE

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

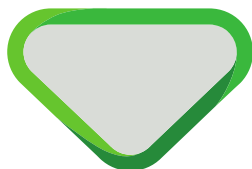
Certificate no.	: NL15-400-1002-110-10	Revision no.:	4
Description of the product	: Landing door locking device for horizontal powered sliding doors		
Trademark	: PROLIFT		
Type no.	: PRL-C150-015		
Name and address of the manufacturer	: PROLIFT Büyükbalkılı Mah. Büyükbalkılı Cad. A Blok No: 155 A Nilüfer Bursa, Turkey		
Name and address of the certificate holder	: PROLIFT Büyükbalkılı Mah. Büyükbalkılı Cad. A Blok No: 155 A Nilüfer Bursa, Turkey		
Certificate issued on the following requirements	: Lifts Directive 2014/33/EU		
Certificate based on the following standard	: Parts of: EN 81-20:2020 and EN 81-50:2020		
Test laboratory	: None		
Date and number of the laboratory report	: None		
Date of EU-type examination	: February 2022.		
Additional document with this certificate	: Report belonging to the EU-type examination certificate no.: NL15-400-1002-110-10 Rev.4		
Additional remarks	: - Max. rated voltage: 230 VAC 200 VDC Max. rated current: 2.0 A 2.0 A - See chapter 5 of the report belonging to this EU type examination certificate. - This revision replaces certificate NL15-400-1002-110-10 Rev.3 of 17-08-2020.		
Conclusion	: The safety component meets the requirements of the Lifts Directive 2014/33/EU taking into account any additional remarks mentioned above.		

Amsterdam

Date : 21-02-2022
Valid until : 21-02-2027

ing A.J. van Ommen
International Business
Manager

Certification decision by



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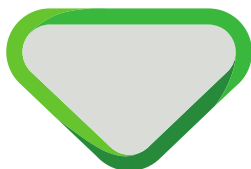


Report EU-type examination

Report belonging to EU-type examination certificate number : NL15-400-1002-110-10
Date of issue of original certificate : 23-03-2015
Certificate applies to : Safety component
Revision number / date : 4 / 21-02-2022
Requirements : Lifts Directive 2014/33/EU
Standards: EN 81-20:2020 and EN 81-50:2020.
Project number : P210501

1. General specifications

Description of the product : Landing door locking device for horizontal automatically operated sliding doors
Trademark : PROLIFT
Type no. : PRL-C150-015
Name and address of the manufacturer : PROLIFT
Büyükbalıklı Mah. Büyükbalıklı Cad.
A Blok No: 155 A Nilüfer
Bursa, Turkey
Laboratory : None
Address of examined safety component : PROLIFT, Giresun, Turkey &
Liftinstituut, Amsterdam, The Netherlands
Data of examination : February 2022
Examination performed by : A. Santoe, T. Goktas



2. Description safety component

The door locking device consists of two parts, the locking housing and the locking hook. The door locking device can be used on side opening and central opening sliding doors. 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 figure 13 of EN 81-20:2020.

The Prolift safety contact with type number PRL-BMP-013 can be used up to 230 VAC and 2.0 A or 200 VDC and 2.0 A. This contact is certified by Liftinstituut BV with certificate number NL14-400-1002-110-08 revision 2.

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 EN 81-20:2020 and EN 81-50:2020.

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.
- Inspections and tests to check compliance with the requirements.

The tests which are performed are as stated in clause 5.2 of EN 81-50:2020.

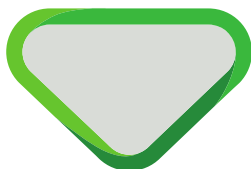
4.1 Mechanical tests

Endurance test

According to clause 5.2.2.2.2 of EN 81-50:2020 an endurance test must be made. For this test a special testing apparatus was designed. A complete 2 panel side opening landing door was driven by the car door motor at 8 cycles per minute. A mechanical counter was installed to keep track of the number of complete cycles. The testing apparatus was on critical locations secured by Liftinstituut. The test was started and finished with Liftinstituut present.

Test details

Start date / time	December 11 th , 2014 / 12:00
End date / time	February 28 th , 2015 / 11:00



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SINCE 1933



Number of cycles >1.000.000
Test result: OK

Static test #1

To perform the static test a test weight of 103,7 kg was connected via a steel wire to the locking device in opening direction. Test performed with Liftinstituut present.

Test details

Test date February 28th, 2015
Test weight 1000 N

Test result: OK

Static test #2

To perform the static test a test weight of 103,7 kg was connected via a steel wire to the door panel which includes the locking device in opening direction at a height of 1m. Test performed with Liftinstituut present.

Test details

Test date November 29th, 2016
Test weight 1000 N

Test result: OK

Dynamic test

To perform the dynamic test a block was dropped via the same steel wire connected to the door panel which includes the locking device. Test performed with Liftinstituut present.

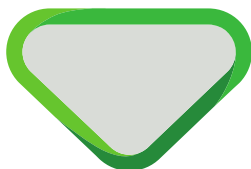
Test details

Test date February 28th, 2016
Test weight 4 kg
Dropping distance 50 cm

Test result: OK

4.2 Electrical tests

Electrical tests have been performed during the certification of the Prolift safety contact with type number PRL-BMP-013 by Liftinstituut BV with certificate number NL 14-400-1002-110-08 revision 2.



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 and did not lead to permanent deformations or loss of stability.

5. Conditions

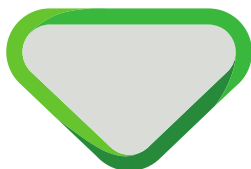
Additional to or in deviation of the applicable demands in the considered requirements / standards (see certificate and/or page 1 of this report), the following conditions shall be taken into account:

- The door lock shall be used for Prolift horizontal power operated sliding landing doors only.
- The maintenance and installation instructions shall be provided with the locking device.
- The position of the unlocking triangle shall be according to clause 5.3.9.3.2 of EN 81-20:2020.
- The Prolift safety contact with type number PRL-BMP-013 can be used up to 230 VAC and 2.0 A or 200 VDC and 2.0 A.
- The following max door dimensions for doors can be used
 - Door opening width 600 – 1400 mm for side opening (T2P, T3P)
 - Door opening width 600 – 2800 mm for central opening (C2P, C4P, C6P)
 - Door height 2000 mm.

6. Conclusions

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

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.



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7. CE marking and EU Declaration of conformity

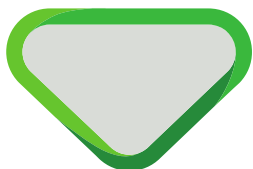
Every safety component that is placed on the market in complete conformity with the examined type must be provided with a CE marking according to article 18 of the Lifts directive 2014/33/EU under consideration that conformity with eventually other applicable Directives is proven. Also every safety component 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 random checked e.g. according to annex IX of the Lifts directive 2014/33/EU before these safety components may be CE-marked and may be placed on the market. For further information see regulation 2.0.1 'Regulations for product certification' on www.liftinstituut.com.

Prepared by:

Azaad Santoe
Product specialist Certification

Certification decision by:

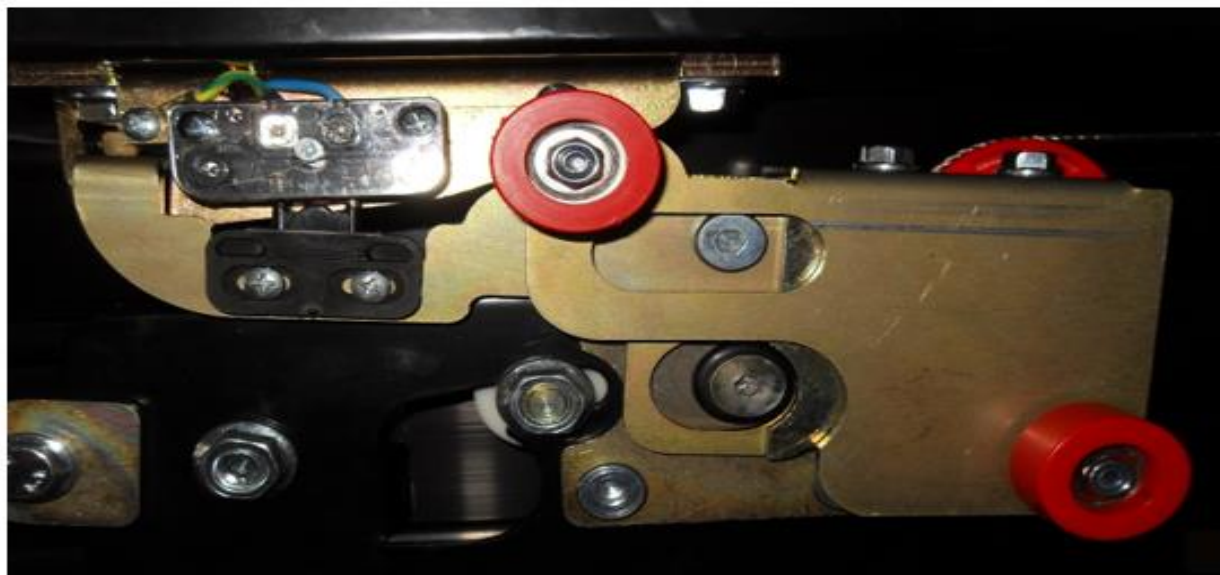
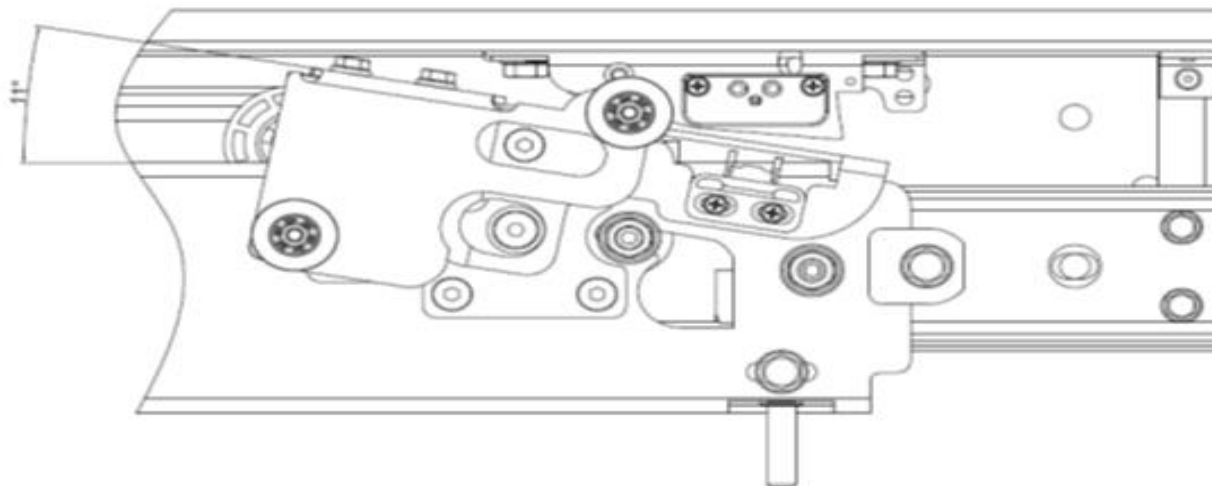


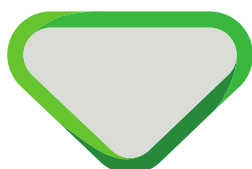
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Annexes

Annex 1. Basic lay-out door locking device PRL-C150-015





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

Title	document number	date
Installation manual C150	V1	09-01-2017
C150 SERIAL LANDING DOOR INSTALLATION GUIDELINESS	2816-V3	26-01-2022

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
-	10-03-2015	Original
1	14-03-2017	Update to EN81-20/50
2	18-04-2017	Textual correction
3	17-08-2020	Textual correction PRL-BMP-013 safety contact adapted to a maximum rated current of 2.0 A for 230VAC & 200VDC. Adaption of door dimensions
4	21-02-2022	Renewal EU type-examination for another 5 years Updated to EN 81-20:2020 and EN 81-50:2020 Updated address of manufacturer and certificate holder