

DECLARATION UE DE CONFORMITE POUR COMPOSANTS DE SECURITE
EU DECLARATION OF CONFORMITY FOR SAFETY COMPONENTS
ERKLARUNG ZUR EU ÜBEREINSTIMMUNG VON SICHERHEIT KOMPONENTEN



Nom et adresse du fabricant et du détenteur de la déclaration :

*Manufacturers' and holder's
Certificate name and address :*

*Name und adresse von Hersteller und
Erklärung besitzer :*

prudhomme S.a
38, rue Charles de Gaulle
94140 Alfortville
(FRANCE)

Catégorie, type et marque de
fabrique ou de commerce

Category, type and make or Trade name :

*Kategorie, Typ und Fabrik-oder
Handelsmarke*

- Serrure d'ascenseurs à sécurité positive type PL et PLT pour porte battante ou coulissante 1 vantail
- Positive safety lock type PL and PLT for simple hinged or sliding doors
- Positiv sicherheit Türverschluss PL und PLT für Schwenk oder Schiebetür

Année de fabrication :

Years of manufacture :

Baujahr :

2022

Nom et adresse et numero de
référence de l'organisme notifié :

*Name, address and reference number of
the notified organism :*

*Name, Adresse und Referenz-Nummer
von der deklarierten Instanz :*

LIFTINSTITUUT B.V.
Buikslotermeerplein 381
1025 XE - P.O. Box 36027
1020 MA - AMSTERDAM

N° 0400

Attestation de type :

Type Examination Certificate :

Art der Bescheinigung :

Ce composant a obtenu l'attestation d'examen CE de type
NL 11-400-1002-125-02-Rev02 délivré par le LIFTINSTITUUT B.V.

*The component is declared in conformity with the EC type
NL 11-400-1002-125-02-Rev02 delivered by the LIFTINSTITUUT B.V.*

*Diese Komponente hat die Zertifikat Pruefung EG
NL 11-400-1002-125-02-Rev02 LIFTINSTITUT BV erhalten.*

Nom et adresse et numero de référence de
l'organisme notifié pour la validation du
système d'assurance qualité production :

*Name, address and reference number of
the notified organism for the validation of
the quality insurance system :*

*Name, Adresse und Referenz-Nummer
von der deklarierten Instanz / für die
Erklärung des Qualitäts-Versicherungs-
Systems :*

Bureau Veritas
67-71, Boulevard du Château
92200 Neuilly sur seine - France

N° 2681-LD-VI-PR2 001-17-FRA (Annexe VI)

Norme :

Standard :

Ce composant répond à la Directive ascenseur : 2014/33/UE
Ce composant répond à la norme : EN 81-1/2: 1998 + A3: 2009
ainsi qu'à la EN 81-20/50: 2014

*This component meets the Lift Directive 2014/33/UE
This component meets the standard: EN 81-1 / 2: 1998 + A3: 2009
as well as EN 81-20/50: 2014*

*Diese Komponente entspricht der Richtlinie Aufzug 2014/33/UE
Diese Komponente erfüllt die Norm: EN 81-1 / 2: 1998 + A3: 2009
sowie EN 81-20/50: 2014*

prudhomme S.a.
Norm : 38, rue Charles de Gaulle
94140 ALFORTVILLE (Paris-France)

tél + 33 01 45 18 19 20

fax + 33 01 45 18 19 21

Directeur Général

General Manager / CEO

Date :

Lieu :

3-1-2022
France, Paris

DECLARATION UE DE CONFORMITE POUR COMPOSANTS DE SECURITE
DECLARACIÓN DE CONFORMIDAD UE PARA COMPONENTES DE SEGURIDAD
DICHIAZIONE DI CONFORMITÀ UE PER COMPONENTI DI SICUREZZA
DECLARAÇÃO UE DE CONFORMIDADE PARA COMPONENTES DE SEGURANÇA

Nom et adresse du fabricant et du détenteur de la déclaration :
 Nombre y dirección del fabricante y del titular de la declaración :
 Nome e indirizzo del fabbricante e del titolare della dichiarazione :
 Nome e morada do fabricante e do detentor da declaração :

prudhomme S.a
 38, rue Charles de Gaulle
 94140 Alfortville
 (FRANCE)



Catégorie, type et marque de fabrique ou de commerce :

- Serrure d'ascenseurs à sécurité positive type PL / PLT pour porte battante ou coulissante 1 vantail

Categoría, tipo y marca de fábrica o de comercio :

- Cerradura de seguridad positiva tipo PL / PLT para puerta batiente o corredera

Categoria, tipo e marchio di fabbrica o nome commerciale :

- Serratura di ascensori a sicurezza positiva tipo PL / PLT per porta battente o scorrevole 1 stoffa per tendin

Categoria, tipo e marca de fabrico ou comercial :

- Fechadura de ascensores de segurança positiva tipo PL / PLT para porta de tipo batente o correção 1 batente

Année de fabrication :

2022

Año de fabricación :

Anno di fabbricazione :

Ano de fabrico :

Nom et adresse et numero de référence de l'organisme notifié :

LIFTINSTITUUT B.V.
 Buikslotermeerplein 381
 1025 XE - P.O. Box 36027
 1020 MA - AMSTERDAM

Nombre y dirección y número de referencia del organismo notificado :

Nome ed indirizzo e numero di riferimento dell'organismo notificato :

Nome e endereço e número de referência do organismo notificado :

N° 0400

Attestation de type :

Ce composant a obtenu l'attestation d'examen CE de type
 NL 11-400-1002-125-02-Rev02 délivré par le LIFTINSTITUUT B.V.

Certificado de tipo :

Este componente ha obtenido el certificado de examen CE de tipo
 NL 11-400-1002-125-02-Rev02 expedido por el LIFTINSTITUUT B.V.

Attestazione di tipo :

Questo componente ha ottenuto l'attestazione di conformità CE di tipo
 NL 11-400-1002-125-02-Rev02 rilasciata da LIFTINSTITUUT B.V.

Certificado de Exame de tipo :

Este componente obteve o certificado de exame CE de tipo
 NL 11-400-1002-125-02-Rev02 fornecido pelo LIFTINSTITUUT B.V.

Nom et adresse et numero de référence de l'organisme notifié pour la validation du système d'assurance qualité production :

Bureau Veritas

67-71, Boulevard du Château
 92200 Neuilly sur seine - France

Nombre y dirección y número de referencia del organismo notificado para la validación del sistema de garantía de calidad :

N° 2681-LD-VI-PR2 001-17-FRA (Annexe VI)

Nome ed indirizzo e numero di riferimento dell'organismo notificato per la convalida del sistema d'assicurazione qualità :

Nome e endereço e número de referência do organismo notificado para a validação do sistema de seguro qualidade :

Norme : **prudhomme S.a.**

Norma : 38, rue Charles de Gaulle
 94140 ALFORTVILLE (Paris-France)

Rolando TRICOT

Directeur Général 45 18 19 20

Director General 45 18 19 21

Director-Geral 45 18 19 21

SAS au capital de 500 000 €

RCS Paris B 392 121 031

Date : 3-1-2022

Lieu : Paris France

Ce composant répond à la Directive ascenseur : 2014/33/UE

Ce composant répond à la norme : EN 81-1/2: 1998 + A3: 2009 ainsi qu'à la EN 81-20/50: 2014

Este componente responde a la Directiva Ascensor 2014/33/UE

Este componente se encuentra con la norma EN 81-1 / 2: 1998 + A3: 2009, así como con la norma EN 81-20 / 50 2014

Questo componente a conforme alla Direttiva Ascensori 2014/33/UE

Questo componente è conforme alla norma EN 81-1 / 2: 1998 + A3: 2009, nonché alla EN 81-20 / 50 2014

Este componente cumple a directiva elevador: 2014/33/UE

Este componente cumple a norma: EN 81-1 / 2: 1998 + A3: 2009, bem como a EN 81-20 / 50 2014

EU-TYPE EXAMINATION CERTIFICATE

Issued by Liftinstituut B.V.
identification number Notified Body 0400,
commissioned by Decree no. 2016-0000038870

Certificate no.	: NL11-400-1002-125-02	Revision no.: 2
Description of the product	: Landing door locking device for manually operated swing doors	
Trademark, type	: Prudhomme S.a., PLT - L/P & PL - L/P	
Name and address of the manufacturer	: Prudhomme S.a. 38 rue Charles de Gaulle 94140 Alfortville, France	
Name and address of the certificate holder	: Prudhomme S.a. 38 rue Charles de Gaulle 94140 Alfortville, France	
Certificate issued on the following requirements	: Lifts Directive 2014/33/EU	
Certificate based on the following standard	: Parts of: EN 81-1/2:1998 + A3:2009, EN 81-20:2014, EN 81-50:2014	
Test laboratory	: None	
Date and number of the laboratory report	: None	
Date of EU-type examination	: January - February 2011, November - December 2014, August 2017	
Additional document with this certificate	: Report belonging to the EU-type examination certificate no.: NL11-400-1002-125-02Rev.2	
Additional remarks	: Max. rated voltage: 230 VAC Max. rated current: 2.0 A Furthermore see chapter 5 of the report belonging to this EU-type examination certificate.	
Conclusion	: The safety component meets the requirements of the Lifts Directive 2014/33/EU taking into account any additional remarks mentioned above.	

Amsterdam

Date : 01-08-2022
Valid until : 01-08-2027

ing. J.L. van Vliet
Managing Director

Certification decision by





Report EU-type examination

Report belonging to EU-type examination certificate no. : NL11-400-1002-125-02
Date of issue of original certificate : February 15, 2011
Concerns : Safety component
No. and date of revision : 2; August 01, 2017
Requirements : Lifts Directive 2014/33/EU
Standards: EN81-1:1998 + A3:2009, EN81-20:2014, EN81-50:2014
Project no. : P100188-02, P140389-01, P170263

1. General specifications

Name and address manufacturer : Prudhomme S.a.
38 rue Charles de Gaulle
94140 Alfortville, France
Description of safety component : Door locking device for swing doors
Type : PLT-L/P, PL-L/P
Laboratory : Liftinstituut, Amsterdam, The Netherlands
Data of examination : January-February 2011, November-December 2014, August 2017
Examination performed by : W.Visser

2. Description safety component

The PLT, PL locking device is equipped with a lateral lever, PLT/L, PL/L or a perpendicular lever, PLT/P, PL-P. The housing and the locking pin materials are identical for both types.

The PLT has the locking pin located on the left side, the PL can have it on either side. The internal mechanism of both locks, slightly differs.

The difference between the L and P versions of the locking devices is the lever.

The door locking device consists of two parts, the locking housing and the receiving contact. Inside the housing a checking pin is provided to check if the landing door is properly closed. If the pin gets stuck the door lock contact won't close.

The locking takes place by a pin, with an inclined part, in a hole in the side of the landing door. The housing of the lock is made from die-cast. The top side is fitted with a clear cover so contacts and locking components can be inspected without removing any covers. Also is it possible to open the lock by means of a triangular key according annex B of the EN81-1/2 and Fig. 13 of EN81-20. The lock can be used for hinged landing doors. The contacts can be used up to 230 V AC and 2.0 A AC only.

3. Examinations and tests

The examination covered a check whether compliance with the Lift Directive 2014/33/EU is met, based on the harmonized product standards EN81-1/2:1998 + A3:2009, EN81-20:2014 and EN81-50:2014.

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 annex F1 of the EN81-1/2 and clause 5.2 of EN81-50.

The tests are performed on the PLT locking device. These tests are also applicable for the PL locking device because the housing and the locking pin including its guidance are identical. At the PL lock the internal mechanism differs from PLT, but is identical to the SPX4 locking device from Prudhomme S.A. The internal mechanism has no influence at the lifetime or strength of the PL locking pin. This SPX4 has been tested and EU-type certified by Liftinstituut BV under no. NL10-400-1002-125-01.

3.1 Mechanical tests

Endurance test

According F.1.2.2.1.1 of EN81-1/2 and clause 5.2.2.2.2 of EN81-50 an endurance test must be made. For this test a special testing apparatus was designed. With 60.0 rpm the actuator rod was driven. A mechanical counter was installed to keep track of the number of complete cycles.

Test details for PLT/P

Start date / time January 6th, 2011 / 11:18
End date / time January 20th, 2011 / 06:55
Number of cycles 1.000.000

Test result: OK

Test details for PLT/L

Start date / time January 20th, 2011 / 15:15
End date / time February 3th, 2011 / 08:20
Number of cycles 1.000.000

Test result: OK

Static test

To perform the static test a weight was linked to the locking pin. Because the internal lay-out and used internal components of both locking devices including the locking pin and its components are identical for both locking devices, this test was performed on the PLT locking device only.

Test details

Test date February 2nd, 2011
Test weight 3000N for 300 seconds.
Test result: OK

Dynamic test

To perform the dynamic test a block was dropped on the locking pin. The dropping distance was 50 cm. Because the internal lay-out and used internal components of both locking devices including the locking pin and its components are identical for both locking devices, this test was performed on the PLT/P locking device only.

Test details

Test date February 4th, 2011
Test weight 4 kg
Dropping distance 50 cm
Test result: OK

3.2 Electrical tests**Endurance test,**

All electrical components are identical to the ones used on the Prudhomme SPX4 locking devices. The electrical endurance tests have been performed during EC-type certification of that locking device. (EU type certificate NL10-400-125-01).

Test result: OK

Test of ability to break circuit

All electrical components are identical to the ones used on the Prudhomme SPX4 locking devices. The electrical endurance tests have been performed during EC-type certification of that locking device. (EU type certificate NL10-400-125-01).

Test result: OK

Test for resistance of leakage currents

This test is not performed but based on the values from prior tests made by the manufacturers supplier these values go beyond the requirements of the EN81-1/2 and EN81-20/50. The CTI value for Lexan 500R (10 % glass fibre) is 175V. The minimum value requested according to the mentioned standards is 175V. Also different literature confirm these values.

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 apply:

- The door lock shall be used for swing doors only.
- The door locking device shall be applied within rated current and voltage 2.0 A / 230 VAC.
- The user manual shall be provided with the component.
- Max. door gap at locking side shall be 12.0 mm.
- Locking distance before making contact must be at least 7 mm.
- The position of the unlocking triangle shall be according to clause 5.3.9.3.2 of EN81-20.

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.

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 random checked e.g. according to annex IX of the Lift 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:

W. Visser

Product Specialist Certification
Liftinstituut B.V.

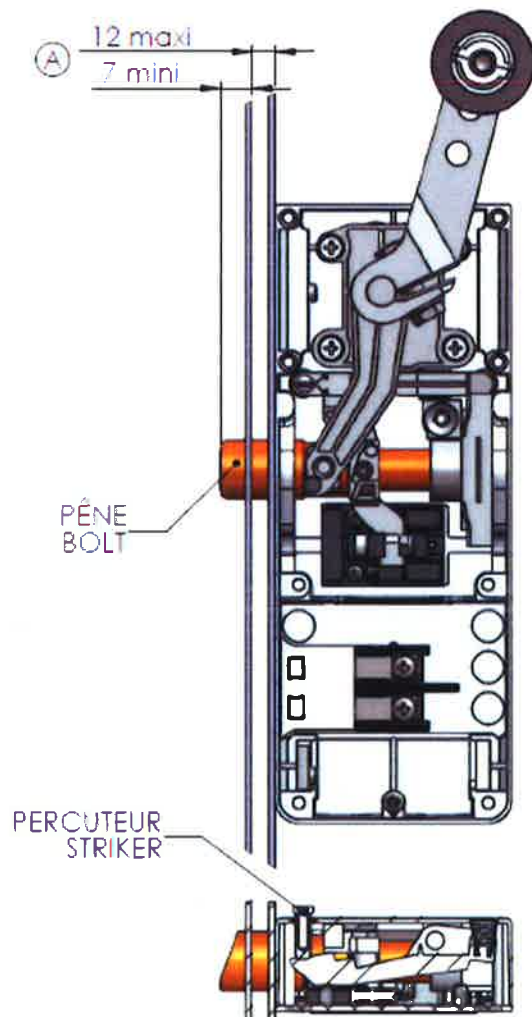
Certification decision by:



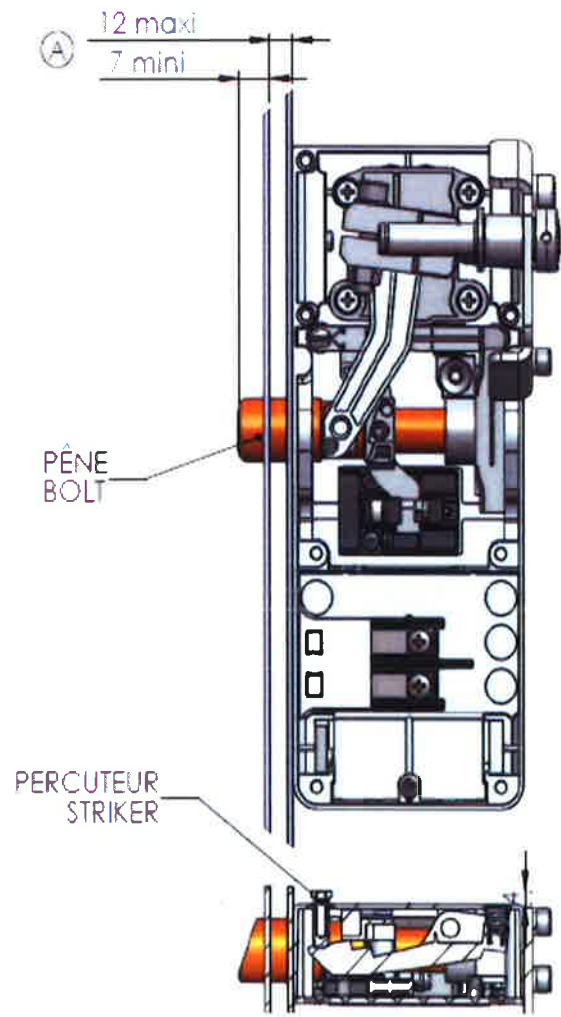


Annexes

Annex 1a. Door locking device PLT-L/P

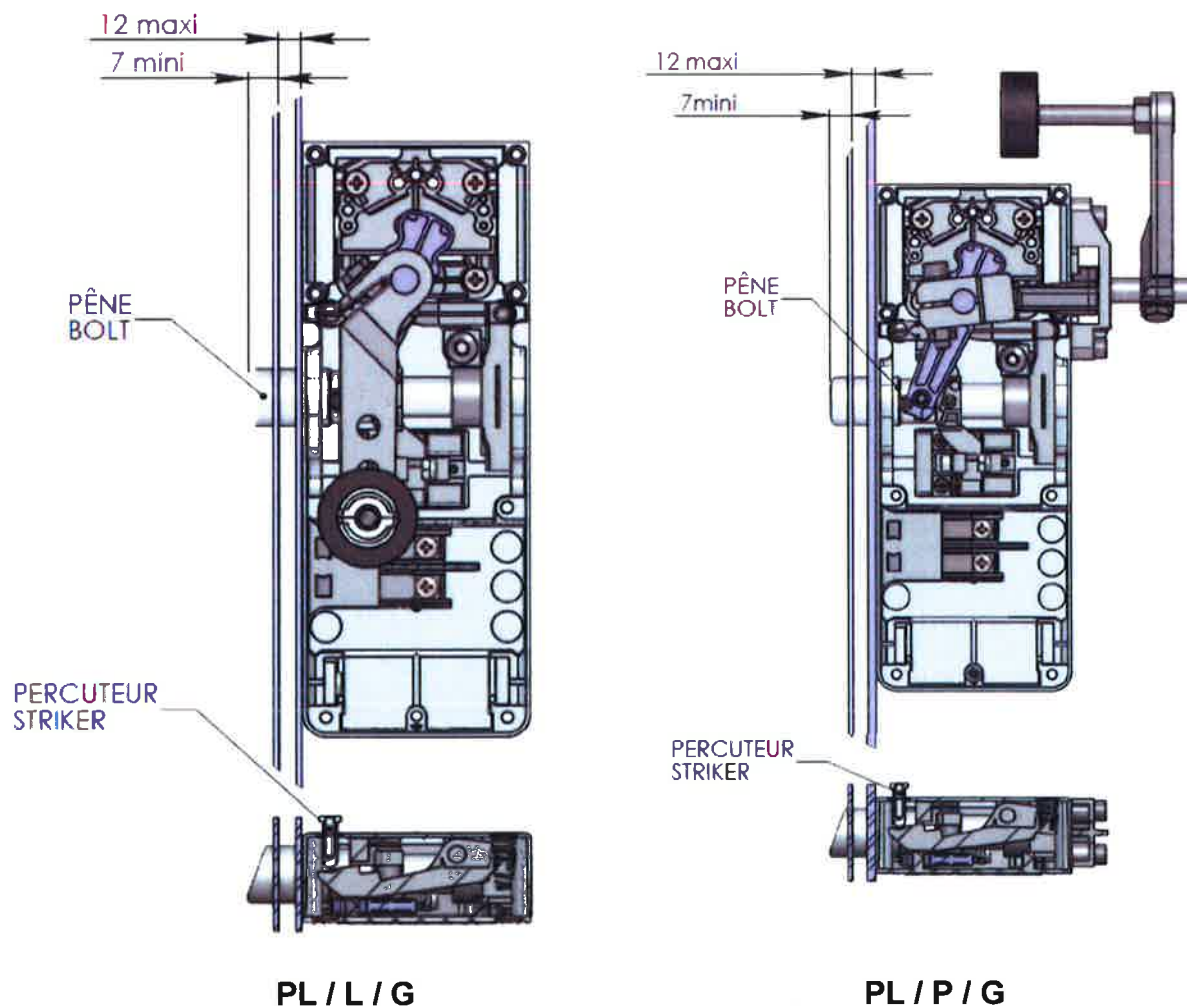


PLT / L



PLT / P

Annex 1b. Door locking device PL-L/P



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

title	document number	date
Nomenclature PLT	X4-E-110-N1	02-07-2010
Serrure PLT/L	X4-E-110-LI-1	02-07-2010
Serrure PLT/L	X4-E-110-LI-2	02-02-2011
Serrure PLT/L	X4-E-110-LI-3	02-07-2010
Serrure PLT/P	X4-E-136-LI-1	02-07-2010
Serrure PLT/P	X4-E-136-LI-2	02-02-2011
Nomenclature PL	X4-E-265-N1	18-11-2014
PL/L/G	X4-E-265-LI-1	18-11-2014

PL/L/G engagement du pêne	X4-E-265-LI-2	18-11-2014
PL/L/G butées de crochet	X4-E-265-LI-3	18-11-2014
PL/P/D	X4-E-267-LI-1	24-11-2014
PL/P/G engagement du pêne	X4-E-267-LI-2	24-11-2014

Annex 3. Reviewed deviations from the standards

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

Annex 4 Revision overview

REVISIONS OF THE CERTIFICATE AND THE REPORT

Rev.:	Date	Summary of revision
-	15-02-2011	Original
1	16-12-2014	Added PL
2	01-08-2017	Update to EN81-20/50 and 2014/33/EU.