liftinstituut
SINCE 1933

PRODUCTEN
RvA C 067

Report EU type-examination

Report belonging to EU-type examination certificate number	:	NL09-400-1002-034-07
Date of issue of original certificate	:	18-02-2009
Certificate applies to	:	Safety component
Revision number / date	:	2 / 16-02-2021
Requirements	:	Lifts Directive 2014/33/EU Standards: EN 81-1/2:1998, EN 81-20:2014, EN 81-50:2014
Project number	:	P080182-01, P160125-01, P210055

1. General specifications

Description of the product	:	Door locking device for swing doors
Trademark	:	CAN-LIFT
Type no.	:	CL 06 M
Name and address of the manufacturer	:	CAN-LIFT Asansör San. Ve. TIC.LTD.ŞTİ İnönü Mah. Balçik Köyü Yolu Üzeri GEPOSB Içi 7. Cad. No.6 Gebze 41400 Kocaeli, Turkey
Test Locations	:	Can-Lift, Istanbul, Turkey Liftinstituut, Amsterdam, The Netherlands
Data of examination	:	March 2007, April 2016, February 2021
Examination performed by	:	W. Visser, A. Santoe

Liftinstituut B.V.
Buikslotermeerplein 381
NL - 1025 XE Amsterdam

VAT number: NL.8103.99.441.B.01
Registered by the Dutch Chamber of Commerce
under number 34157363

+31 (0)20 435 06 06
contact@liftinstituut.com
www.liftinstituut.com

2. Description safety component

The door locking device consists of two parts, the locking housing and the receiving contact. Alongside the locking pin 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 hole in the side of the landing door. The housing is made from die-cast. The 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 EN 81-1/2:1998 and figure 13 of EN 81-20:2014.
The lock can be used for hinged landing doors. The contacts can be used up to 230 V and 0,5 A AC only.

GENERAL DATA

Material of housing	Die cast (Plastic cover)
Mechanical life	>1.000.000 cycles
Maximum holding force	3000 N
Max. door gap at door side	8,0 mm
Locking distance before making contact	≥7mm
Door type	Hinged doors

CONTACT

Manufacturer	CAN-LIFT Asansör
Contact type	CL01-HSK
U_e / I_e	230 VAC / 0,5 A AC

See annex 1 for a general overview of the product.

Liftinstituut B.V.
Buikslotermeerplein 381
NL - 1025 XE Amsterdam
VAT number: NL.8103.99.441.B.01
Registered by the Dutch Chamber of Commerce
under number 34157363
+31 (0)20 435 06 06
contact@liftinstituut.com
www.liftinstituut.com

3. Examinations and tests

The examination covered a check whether compliance with the Lifts Directive 2014/33/EU is met, if possible based on the harmonized product standards EN 81-1/2:1998, EN 81-20:2014 and EN 81-50:2014.

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 EN 81-1/2 and clause 5.2 of EN 81-50:2014.

4.1 Mechanical tests:

Endurance test

According F.1.2.2.1.1 of EN 81-1/2:1998 and clause 5.2.2.2.2 of EN 81-50:2014 an endurance test must be made. For this test a specials 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

Start date / time	31-01-09 / 16:30
End date / time	12-02-09 / 10:30
Number of cycles	1.000.000

Test result: OK

Static test

To perform the static test a special device was made to convert air pressure into a pushing force of 3000N. The force was transferred from a plunjer of the cylinder directly to the push plate of the door.

Test details

Test date	12-02-2009
Test weight	6 bar => 3000N

Test result: OK

Dynamic test

To perform the dynamic test a block was dropped on the locking pin. The dropping distance was 50 cm.

Liftinstituut B.V.
Buikslotermeerplein 381
NL - 1025 XE Amsterdam

VAT number: NL.8103.99.441.B.01
Registered by the Dutch Chamber of Commerce
under number 34157363

+31 (0)20 435 06 06
contact@liftinstituut.com
www.liftinstituut.com

Test details

Test date	12-02-2009
Test weight	5 kg (>4 kg)
Dropping distance	50 cm

Test result: OK

4.2 Electrical tests

The contact elements used are equal to the ones used in the CL 01 Locking device which is previously tested and certified under number: NL02-0400-1002-034-01.

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 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 swing doors only.
- The locking contact shall be applied within a rated voltage of 230 VAC , the maximum rated current is 0,5 A.
- Maximum door gap at locking side is 8 mm
- Locking distance before making contact must be at least 7 mm
- The installation-/ and maintenance instructions shall be provided with the lock.

Liftinstituut B.V.
Buikslotermeerplein 381
NL - 1025 XE Amsterdam

VAT number: NL.8103.99.441.B.01
Registered by the Dutch Chamber of Commerce
under number 34157363

+31 (0)20 435 06 06
contact@liftinstituut.com
www.liftinstituut.com

6. Conclusions

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

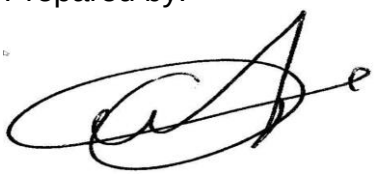
The EU-type examination certificate is only valid for products which are in conformity with the same specifications as the type certified product. The certificate is issued based on the requirements that are valid at the date of issue. In case of changes of the product specifications, changes in the 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 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:



A. Santoe
Product specialist Certification
Liftinstituut B.V.

Certification decision by:

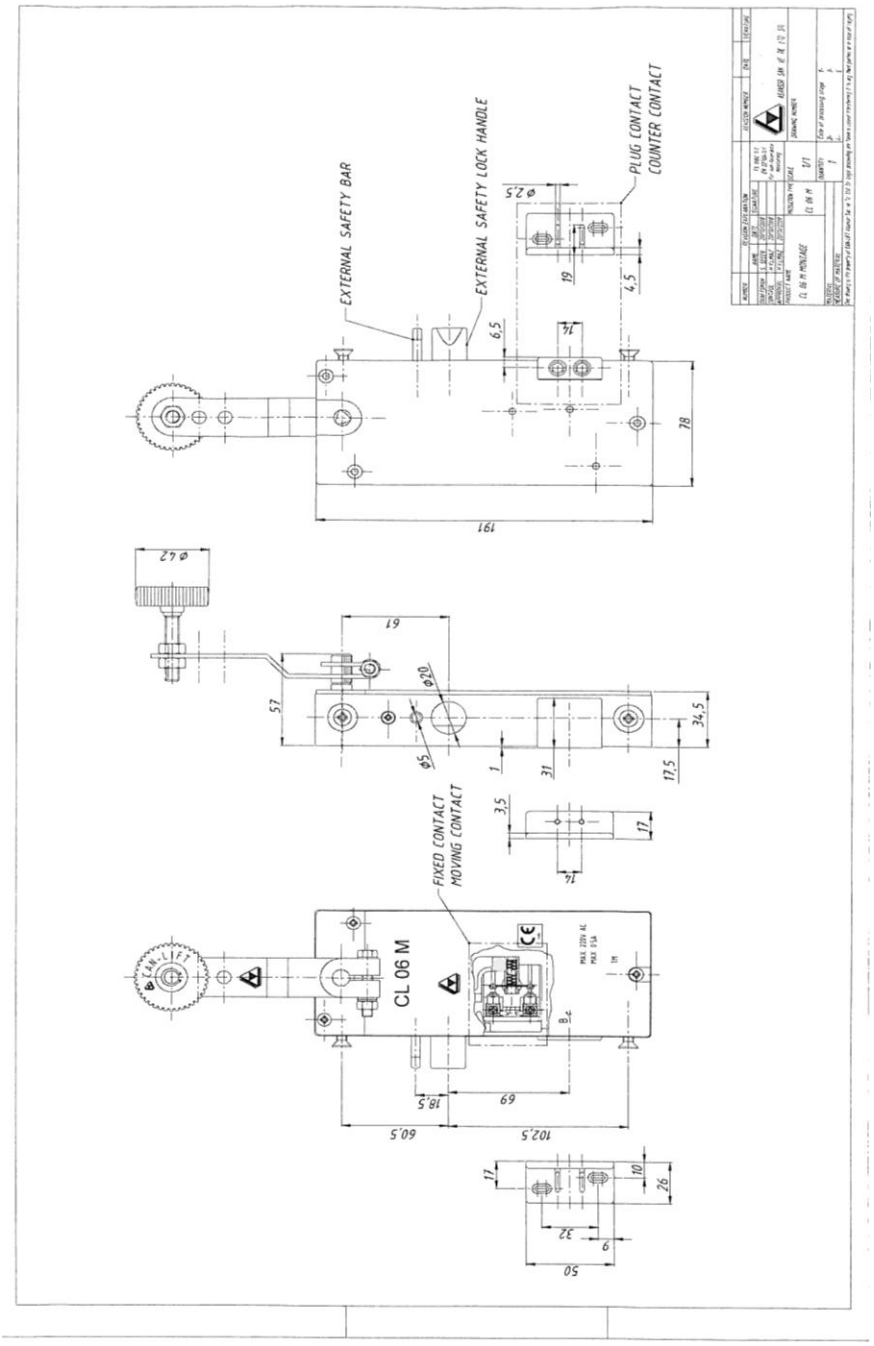
Liftinstituut B.V.
Buikslotermeerplein 381
NL - 1025 XE Amsterdam

VAT number: NL.8103.99.441.B.01
Registered by the Dutch Chamber of Commerce
under number 34157363

+31 (0)20 435 06 06
contact@liftinstituut.com
www.liftinstituut.com

Annexes

Annex 1a. Door locking device CL 06 M



Liftinstituut B.V.
Buikslotermeerplein 381
NL - 1025 XE Amsterdam

VAT number: NL.8103.99.441.B.01
Registered by the Dutch Chamber of Commerce
under number 34157363

+31 (0)20 435 06 06
contact@liftinstituut.com
www.liftinstituut.com

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

title	document number	date
CL06-M Montage	V1	20-08-2008

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**
-	18-02-2009	Original
1	26-04-2016	Update for 2014/33/EU and EN 81-20/50:2014
2	16-02-2021	Extension of the validity date of the certificate and some minor textual adjustments

Liftinstituut B.V.
Buikslotermeerplein 381
NL - 1025 XE Amsterdam

VAT number: NL.8103.99.441.B.01
Registered by the Dutch Chamber of Commerce
under number 34157363

+31 (0)20 435 06 06
contact@liftinstituut.com
www.liftinstituut.com