

EC-type examination certificate

Certificate no.: ATV 479/1

Notified body: TÜV Bau- und Betriebstechnik GmbH
Unternehmensgruppe TÜV Süddeutschland
Zertifizierungsstelle für Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München
(code number 0635)

**Applicant/
Owner of certificate:** Hans & Jos. Kronenberg GmbH
Kurt-Schumacher-Str. 1
D - 51427 Bergisch Gladbach

Date of submission: 1998-05-19

Manufacturer: Hans & Jos. Kronenberg GmbH
Kurt-Schumacher-Str. 1
D - 51427 Bergisch Gladbach

Product, type: Locking device with bolt type locking element and
means used to prove the position of a locking element for direct
blocking of single-winged hinged landing doors
Type ELF 1

Test laboratory: TÜV Bau- und Betriebstechnik GmbH
Zentralabteilung Aufzüge und Sicherheitsbauteile
Gottlieb-Daimler-Str. 7, D-70794 Filderstadt

**Date and number
of test report:** 1998-06-27
ATV 479/1

EU-Directive: 95 / 16 / EC

Result: The safety component conforms to the essential safety require-
ments of the directive for the respective scope of application stated
on the annex to this EC type examination certificate.

Date of issue: 1998-06-27

Zertifizierungsstelle
für Aufzüge und Sicherheitsbauteile



Peter Tkalec



Number of registration: ZLS-ZE-
126/97

Annex to the EC type examination certificate no. ATV 479/1 of 1998-06-27

1 Scope of application

- 1.1 Locking device with bolt type locking element and means used to prove the position of a locking element for direct blocking of single-winged hinged landing doors, Type ELF 1.
- 1.2 The locking device may be used for landing doors different from those mentioned in number 1.1 of this annex, if for this usage and for potentially existing additional parts, which are involved in the locking action and its supervision, a separate EC-type-examination certificate according to the lift directive 95/16/EC exists.
- 1.3 Nominal values of the electrical safety devices (lock contact):

Alternating current	230 V, 2 A
Direct current	200 V, 2 A

2 Conditions

- 2.1 The lock must engage in total at least 17,5 mm (or at least 14 mm when actuating the electric safety device) into or behind the part which is to be locked, in order to guarantee the positive operation of the means used to prove the position of the locking element .
- 2.2 The approval drawings No. 06-15-20 up to No. 06-15-23 dated 17.06.1998 as well as written notes and dimension details given there have to be observed.
- 2.3 For the locking device other
- types of design
 - assembling positions
 - devices for operation
 - additional control switches
- than mentioned in these approval drawings must not be used.
- 2.4 Electric safety devices for supervision of the closing position of the landing door (door switch) with position and design other than given in the approval drawings according to number 2.2 of this annex, may be used provided the requirements of the relevant EC-Directives are met.

3 Notes

- 3.1 For identification and information about the principal construction, the approval drawings No. 06-15-20 up to No. 06-15-23 dated 1998-06-17 with certification stamp of 1998-06-27 have to be enclosed to the EC-type examination certificate ATV 479/1 and its annex.
- 3.2 At the locking device there shall be a label with the information necessary for the component's identification with the name of the manufacturer, type examination sign and details of type.
- 3.3 The EC-type-examination certificate may only be used in connection with the pertinent annex.