

CERTIFICAT

CERTIFICADO

‘EPHITTAT’

認証証書

CERTIFICATE

ZERTIFIKAT

EC type examination certificate



Certificate no.: ATV 13/8

Notified body: TÜV Süddeutschland Bau und Betrieb GmbH
Zertifizierungsstelle
für Aufzüge und Sicherheitsbauteile
Westendstraße 199, D-80686 München

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

Date of submission: 2003-06-10

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

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

Test laboratory: TÜV Süddeutschland Bau und Betrieb GmbH
Abteilung Aufzüge und Sicherheitsbauteile
Gottlieb-Daimler-Straße 7, D-70794 Filderstadt

**Date and number
of test report:** 2003-11-03
ATV 13/8

EU-Directive: 95 / 16 / EC

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

Date of issue: 2003-11-03

Zertifizierungsstelle für Aufzüge und Sicherheitsbauteile
EU code number: 0036


Peter Tkalec



Annex to the EC type examination certificate no. ATV 13/8 of 2003-11-03

1 Scope of application

- 1.1 Locking device, type DLF 1 EM with bolt type locking element and means used to prove the position of a locking element and with electromagnetic operation for direct blocking of single-winged hinged landing doors.
- 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 of the landing doors 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 (safety switch):
- | | |
|---------------------|------------|
| Alternating current | 230 V, 2 A |
| Direct current | 220 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. 06-33-20 up to 06-33-24 and No. 06-03231 (each dated 2003-07-17) 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 or
 - additional control switches
- than mentioned in the approval drawing must not be used.
- 2.4 The closing position of the landing door shall be proved by a separate electric safety device (door switch) (completion of the faulty locking safeguard). The tests required for the aforementioned electric safety device are not part of this type examination.
- 2.5 It shall be ensured by mechanically forced interlocked zone switches (safety contacts) or by the lift control unit with safety circuit comprising two channels, so that only this landing door is being unlocked behind of which the car is positioned (unlocking zone).
- 2.6 In the case of closed well there is a risk for inspection or maintenance personnel being trapped. As option for self-release an emergency unlocking device (triangle from the cover side or lever from the cover side) at the side of the well is available.

3 Notes

- 3.1 For identification and information about the principal construction, the approval drawings No. 06-33-20 up to 06-33-24 and No. 06-03231 (each dated 2003-07-17) with certification stamp of 2003-11-03 have to be enclosed to the EC-type examination certificate ATV 13/8 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.