



Industrie Service

EU TYPE-EXAMINATION CERTIFICATE

According to Annex IV, Part A of 2014/33/EU Directive

Certificate No.:	EU-DL 529
Certification Body of the Notified Body:	TÜV SÜD Industrie Service GmbH Westendstr. 199 80686 Munich – Germany Identification No. 0036
Certificate Holder:	K.A. Schmersal GmbH & Co. KG Möddinghofe 30 42279 Wuppertal - Germany
Manufacturer of the Test Sample: (Manufacturer of Serial Production – see Enclosure)	K.A. Schmersal GmbH & Co. KG Möddinghofe 30 42279 Wuppertal - Germany
Product:	Locking device with bolt type locking element in waterprotected design as part of locking equipments for landing doors
Type:	AV 21
Directive:	2014/33/EU
Reference Standards:	EN 81-20 :2014 EN 81-50:2014 EN 81-1:1998+A3:2009 EN 81-2:1998+A3:2009
Test Report:	EU-DL 529 of 2016-04-08
Outcome:	The safety component conforms to the essential health and safety requirements of the mentioned Directive as long as the requirements of the annex of this certificate are kept.
Date of Issue:	2016-04-26

Werner Rau

Werner Rau

Certification Body "lifts and cranes"



Annex to the EU Type-Examination Certificate
No. EU-DL 529 of 2016-04-26



Industrie Service

1 Scope of application

- 1.1 Locking device with bolt type locking element in waterprotected design as part of locking equipments for landing doors,
type AV 21
- 1.2 Nominal values of the electrical safety devices (lock contact):
AC: 230 V / 2 A
DC: 200 V / 2 A

2 Conditions

- 2.1 For identification and information about the principal construction and operation and for demarcation of the examined and approved sample the operating manual no. 101140513, page 9 to 16 with certification stamp of 2016-01-29 has to be enclosed to the EU type-examination certificate and its annex.
- 2.2 The operating manual no. 101140513, page 9 to 16 as well as the written notes and dimension details given in the mentioned operating manual have to be observed.
- 2.3 The locking device has to engage overall at least 12 mm (or at least 8 mm at the moment of connection of the electric safety device of the locking device) into or behind the part which is to be locked in order to guarantee the effective engagement-depth of at least 7 mm at the departure of the lift car.
- 2.4 Deviations of the locking device from the operating manual like
- type of design,
 - mounting position,
 - actuating device or
 - additional control switches
- are not allowed.
- 2.5 The electric safety devices for supervision of the closing position of the landing door (door switch) have not been judged in regard to their position and design in this EU type-examination of the locking device.
- 2.6 By additional means it must be prevented that the elevator can be brought into motion by only one single action not forming part of the normal operating sequence (means used to prove the position of a locking element with positive operation).
- 2.7 The locking device as part of locking equipments for landing doors must only be used, when for the allocation of the locking device to a specific door design and for potential existing additional parts, which are involved in the locking action and supervision of the landing doors, a separate EU-type-examination certificate according to the lift directive 2014/33/EU exists.
- 2.8 The EU type-examination certificate may only be used in combination with the corresponding annex and enclosure (List of authorized manufacturer of the serial production). The enclosure will be updated immediately after any change by the certification holder.

3 Remarks

- 3.1 This EU type-examination certificate was issued according to the following standards:
- EN 81-1:1998 + A3:2009 (D), Annex F.1
 - EN 81-2:1998 + A3:2009 (D), Annex F.1
 - EN 81-20:2014 (D), part 5.3.9.1
 - EN 81-50:2014 (D), part 5.2
- A revision of this EU type-examination certificate is inevitable in case of changes or additions of the above mentioned standards or of changes of state of the art.
- 3.2 At the locking device, in addition to the mark of the complete locking device, there shall be a label with the information necessary for the component's identification with the name of the manufacturer, EU type-examination sign and details of type.