



Industrie Service

# EU TYPE-EXAMINATION CERTIFICATE

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

<b>Certificate No.:</b>	EU-DL 528
<b>Certification Body of the Notified Body:</b>	TÜV SÜD Industrie Service GmbH Westendstr. 199 80686 Munich – Germany Identification No. 0036
<b>Certificate Holder:</b>	K.A. Schmersal GmbH & Co. KG Möddinghofe 30 42279 Wuppertal - Germany
<b>Manufacturer of the Test Sample:</b> (Manufacturer of Serial Production – see Enclosure)	K.A. Schmersal GmbH & Co. KG Möddinghofe 30 42279 Wuppertal - Germany
<b>Product:</b>	Locking device with bolt type locking element and means used to prove the position of a locking element with positive operation in waterprotected design for direct locking action of single-winged hinged landing doors.
<b>Type:</b>	AV 20
<b>Directive:</b>	2014/33/EU
<b>Reference Standards:</b>	EN 81-20 :2014 EN 81-50:2014 EN 81-1:1998+A3:2009 EN 81-2:1998+A3:2009
<b>Test Report:</b>	EU-DL 528 of 2016-04-08
<b>Outcome:</b>	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.
<b>Date of Issue:</b>	2016-04-26

*Werner Rau*  
Werner Rau  
Certification Body "lifts and cranes"



**Annex to the EU Type-Examination Certificate**  
**No. EU-DL 528 of 2016-04-26**



Industrie Service

**1 Scope of application**

- 1.1 Locking device with bolt type locking element and means used to prove the position of a locking element with positive operation in waterprotected design for direct locking action of single-winged hinged landing doors,  
type AV 20
- 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 16 mm (or at least 13 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 positive operation of the means used to prove the position of the locking element.
- 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 closing position of the landing door has to be supervised by a separate electric safety device (door switch). The EU-type-examination does not include the test of this electric safety device.
- 2.6 The locking device may be used for different landing doors as named in 1.1 of this annex, if for this usage 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.
- 2.7 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), part 7.7.3.1 and annex F.1
  - EN 81-2:1998 + A3:2009 (D), part 7.7.3.1 and 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 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.