



Industrie Service

Confirmation about a test assessment

Certificate no: G 100/4

Certification body: TÜV SÜD Industrie Service GmbH
Zertifizierungsstelle für Produkte der Fördertechnik
Westendstr. 199
80686 München - Germany

**Applicant /
Certificate holder:** K.A. Schmersal GmbH & Co. KG
Möddinghofe 30
42279 Wuppertal - Germany

Date of application: 2015-11-12

Manufacturer: K.A. Schmersal GmbH & Co. KG
Möddinghofe 30
42279 Wuppertal - Germany

Product: Waterproof safety contact with positive operation for use
as lock contact of landing door and car door locking
devices or as door switch of lift doors

Type: **AZ 15 zvk**

Test laboratory: TÜV SÜD Industrie Service GmbH
Zentralbereich Fördertechnik
Abteilung Aufzüge und Sicherheitsbauteile
Gottlieb-Daimler-Straße 7
70794 Filderstadt - Germany

**Date and
number of the test report:** 2018-06-25
G 100/4

Test specifications: EN 81-20:2014 (D)
EN 81-50:2014 (D)

Result: The test object fulfills the requirements of the test
specifications for the respective scope of application
stated in the annex of this confirmation about a test
assessment, keeping the mentioned conditions.

Date of issue: 2018-07-20

Validity: 2023-07-19

Test laboratory for lifts and cranes
Business unit lifts and safety components

Peter Retzbach



1 Scope of Application

- 1.1 Waterproof safety contact, type AZ 15 zvk, with encoded positive operation and operation by a frame actuator, type AZ 15/16 B1, for use as lock contact of landing door and car door locking devices or as door switch of lift doors according to EN 81-20:2014 (D) and EN 81-50:2014 (D).
- 1.2 The safety contact of type Type AZ 15 zvk may be delivered in the following versions:
- Standart
 - Spez 1476-x (x – number of provided slot fasteners)
 - Spez 1762 (Square mounting nuts (M5) embedded in the housing)
- 1.3 The safety contact of Type AZ 15 zvk may be used with the following contact bridge.
- Frame actuator Type AZ 15/16 B1

2 Terms and Conditions

- 2.1 Electrical nominal values of the safety contact, type AZ 15 zvk
- | | | |
|----------------------|---------------|-------|
| Alternating current: | 230 V / 2 A | AC-15 |
| Direct current: | 200 V / 0,5 A | DC-13 |
- 2.2 For identification and information about the fundamental method of construction of the safety contact the
- Instruction manual door contact no.: 103012698
- with test remark of 2018-07-20, has to be enclosed to this Confirmation about a test assessment.
- 2.3 The creepage distances of the switch of at least 4 mm and the clearances of the switch of at least 3 mm in relation to conductive or metallic components in the surroundings, must be guaranteed by the arrangement of the switch-box and the switch-bridge or by inserting additional insulating shims.
- 2.4 This Confirmation about a test assessment may be used until **July 2023**.

3 Remarks

- 3.1 This confirmation about a test assessment was issued according to the following standards:
- EN 81-20:2014 (D), part 5.11.2.2
 - EN 81-50:2014 (D), part 5.2.2.4
- 3.2 The test results refer only to the test product and to the related certificate concerning the Confirmation about a test assessment.
- 3.3 The product shall be clearly labelled with the name of the manufacturer and the type specification, to be able to check the conformity of the examined product with the series production.
- 3.4 The Confirmation about a test assessment may be used only in connection with the pertinent Annex.
- 3.5 This Confirmation about a test assessment is based on the state of the art, which is documented through the current harmonized standards. Changes resp. extensions of these standards or a further development of the state of the art may make a revision of this report necessary.
- 3.6 This certificate does not assess the observance of the requirements with regard to "protection classes provided by enclosures according to EN 60529 (IP-Code) concerning protection against foreign matter (objects) and against water" for electric devices.
- 3.7 This certificate does not assess the fire behaviour of the safety contact and the contact bridges.

**Annex to the Confirmation about a test assessment
no. G 100/4 dated 2018-07-20**



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- 3.8 The list of safety components (annex III of Directive 2014/33/EU) doesn't contain safety contact. For that reason no EU type examination certificate according to annex IV part A (EU type examination for safety components) of the Directive 2014/33/EU, can be issued for that.
- 3.9 If new knowledge should occur, the test laboratory reserves the right, to give additional conditions concerning the use of the safety contact, or to modify existing conditions.
- 3.10 The certificate about an examination of conformity number G 100/4 can be added to the required reading technical dossier as a help for decision of the notified body.