



Fachausschuss Elektrotechnik
Prüf- und Zertifizierungsstelle
im BG-PRÜFZERT

Hauptverband der gewerblichen
Berufsgenossenschaften

Translation

Type Test Certificate

04048

no. of certificate

Name and address of the
holder of the certificate:
(customer) K. A. Schmersal GmbH
Möddinghofe 30
42279 Wuppertal

Name and address of the
manufacturer: see customer

Ref. of customer: Ref. of Test and Certification Body: 23.520.29/03-161-74 Wid/Ow Date of Issue: 01.04.2004

Product designation: Hinge-safety-switch

Type: TV.S 335 (variants: see attachment)
TV.S 355 (variants: see attachment)

Intended purpose:

Testing based on: GS-ET-15 „Basic principles for testing and certification
of position switches“ (12.01)
DIN EN 60947-5-1 „Low voltage switchgear and controlgear,
Control circuit devices and switching elements;
electromechanical control circuit devices“ (08.00)

Remarks:

The type tested complies with the provisions laid down in the directive 98/37/EC (Machinery).

The present certificate will become invalid at the latest on:

31.12.2008

Further provisions concerning the validity, the extension of the validity and other conditions are laid down in the Rules of Procedure for Testing and Certification of October 1997.

Stommel

Signature (Dipl.-Ing. Stommel)



Postal address:
Postfach 51 05 80
50941 Köln

Office:
Gustav-Heinemann-Ufer 130
50968 Köln

Phone: 02 21/37 78-0
Fax: 02 21/37 78-3 66



Translation

Marking Permission

04049

no. of certificate

Name and address of the holder of the certificate:
(customer) K. A. Schmersal GmbH
Möddinghofe 30
42279 Wuppertal

Name and address of the manufacturer: see customer

Ref. of customer:

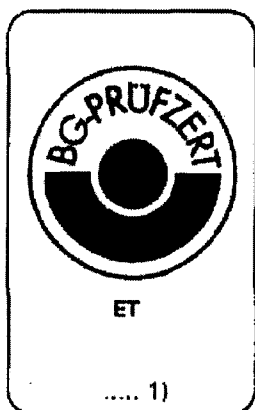
Ref. of Test and Certification Body:
23.520.29/03-161-74 Wld/Ow

Date of Issue:
01.04.2004

Product designation: Hinge-safety-switch

Type: TV.S 335 (variants: see attachment)
TV.S 355 (variants: see attachment)

Intended purpose:



1) no. of certificate

The holder of the marking permission is entitled to affix the BG-PRÜFZERT mark shown besides to the products complying with the type tested.
The right to affix the mark shall expire when Type Test Certificate ET 04048 becomes invalid.

Stommel

.....
Signature (Dipl.-Ing. Stommel)

Postal address:
Postfach 51 05 80
50941 Köln

Office:
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50968 Köln

Phone: 02 21/37 78-0
Fax: 02 21/37 78-3 66



Attachment

Type Test Certificate ET 04048
Marking Permission ET 04049

Customer: K. A. Schmersal GmbH

Product designation: Hinge safety switch

Series: TV..S 335-...
 TV..S 355-...

The certificates contain the following types::

<u>Basic type</u>	<u>Options</u>	
TV 8S 335-... TV 8S 355-... TV 10S 335-... TV 10S 355-...	-11z (1 Normally closed contact / 1 Normally opened contact) -02z (2 Normally opened contacts)	G 24 (LED-version)

Legend

TV 8S Shaft bore 8 mm

TV 10S Shaft bore 10 mm

-335 Switch case narrowly, 1 cable entry

-355 Switch case broadly, 3 cable entries

Az.: 23.520.29/03-161-74 Wid/Ow
Köln, den 01.04.2004

i.v. 

- Dipl.-Ing. B. Wieland

