

certificate
no. IFA 1004039
dated 10.12.2010



IFA

Institut für Arbeitsschutz der
Deutschen Gesetzlichen Unfallversicherung
Prüf- und Zertifizierungsstelle im DGUV Test

Translation

DGUV Test Certificate

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

Name and address of the
Manufacturer: Elan Schaltelemente GmbH & Co. KG
Im Ostpark 2
35435 Wettenberg

Product designation: **Hinge safety switch**

Type: TVS 410[I]-11/11 [II] [III] (nähere Angaben siehe Anlage)

Intended purpose: position monitoring for hinged guards

Testing based on: GS-ET-15, Date of issue: 2009-10

Test report: No. 2010 23805 dated 10.12.2010

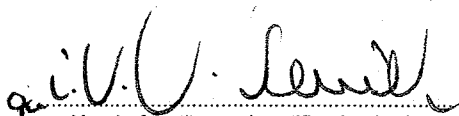
Remarks/
specific aspect: ----

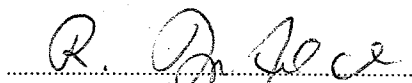
The type tested meets the requirements specified in article 4 para. 1 of the German Equipment and Product Safety Act. Thus, the type also complies with the provisions laid down in the directive 2006/42/EC (**Machinery**).

The holder of the certificate is entitled to affix the DGUV Test mark shown overleaf to the products complying with the type tested, including the specification given under the heading 'remarks'.

The present certificate including the right to affix the DGUV Test mark is valid until: **28.10.2015**

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 September 2010.


Head of testing and certification body
(Dr. Peter Paszkiewicz)


Certification officer
(Dipl.-Ing. Ralf Apfeld)

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DGUV Test mark



1) no. of certificate

The DGUV Test mark may include additional specifications according to the information given in the certificate. In such cases, the marking will differ slightly as shown above.

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In any case, the German
original shall prevail.

Sankt Augustin, 10.12.2010

Apf/Foe/st

VE-Nr. 2010 23805

**Annex to DGUV Test Certificate no. IFA 1004039
dated 10.12.2010**

Type code

TVS 410[II]-11/11 [II] [III]

I = electrical connection

SK = Screw terminals
CC = Cage clamps
ST1 = M12 connector bottom
ST2 = M12 connector top

II = switching point

U = adjustable switching angle
I = preset for inside assembly
A = preset for outside assembly

III = assembly end stops

- = no assembly end stops
N = with assembly end stops

Head of testing and certification body:

(Dr. Peter Paszkiewicz)

Certification officer:

(Dipl.-Ing. Ralf Apfeld)