



ABB Schweiz AG
CMC Low Voltage Products
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Postfach
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Kundennummer	Ihr Zeichen	Unser Zeichen	Datum
6327	Dr. Tudor Baiatu	MC	09.07.2007

Bewilligung

Nummer: **07.0505**
gültig bis: **08.07.2010**

Kennzeichnung:  MS 3
Smisline-Logo

Aufgrund der Unterlagen im Dossier Nr. **07-IK-0189** erteilt das Eidgenössische Starkstrominspektorat der oben genannten Firma das Recht, nachstehende(s) Erzeugnis(se) mit dem Sicherheitszeichen gekennzeichnet, gemäss NEV, in Verkehr zu bringen.

Erzeugnis: **Signal- und Hilfskontaktblöcke**
Handelsmarken: **ABB**
SMISLINE

Typenbezeichnung	Nenndaten
HK4 ...	Ith: 6A Ue: 400V~ AC-15: 2A 240V AC-15: 1A 400V DC-13: 0.55A 125V
SK4 ...	Ith: 6A Ue: 400V~ AC-15: 2A 240V AC-15: 1A 400V DC-13: 0.55A 125V

Schutzklasse:
Schutzgrad: IP20 (Klemmen IP00)
Grundlagen: CB / Electrosuisse / CH-3766 vom 03.07.2007

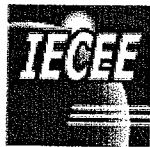
Bemerkung: Typenschlüssel, weitere Angaben und Nenndaten gemäss Appendix 1 to CB Certificate Seite 1 und 2 vom 3.7.2007.

Prüfnormen: IEC 60947-1(ed.4):2004
IEC 60947-5-1(ed.3):2003

Eidgenössisches Starkstrominspektorat
Bewilligung Sicherheitszeichen



P. Schoch
Leiter



CB TEST CERTIFICATE

Ref. Certificate No.

CH-3766

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Appendix 1 to CB Test Certificate

Test item particulars	
Types	HK4 ... and SK4 ... Auxiliary and signal contact blocks associated with - MCB's: S400M, S450M - RCCB's: F400, F450 - RCBO's: FS400, FS450
- method of operation	Manually and automatic by means of associated Circuit breaker
- switching positions	2
- kind of current.....	AC/DC
- number and kind of contact elements.....	2, Form X or Y
- rated frequency (Hz).....	50/60Hz
- Tamb.....	standard
- Degree of Protection	IP20: front/actuator IP00: terminals
- type of terminals	Screw terminals
Rated and limiting values	
- rated operational voltage Ue (V).....	400VAC
- rated insulation voltage Ui (V).....	440V
- rated impulse withstand voltage Uimp (kV):	4kV / 1.2 / 50µs
- overvoltage category	III
- material group.....	II
- pollution degree.....	3
- conventional free air thermal current Ith (A)	Auxiliary/signal contacts 6A
- conventional enclosed thermal current Ithe (A):	—
- rated uninterrupted Iu (A).....	Auxiliary/signal contacts 6A
- utilization category.....	Auxiliary/signal contacts AC-15: 2A, 240V AC-15: 1A, 400V DC-13: 0.55A, 125V
Short-circuit characteristic	
- rated conditional short-circuit current (kA)	1kA
Co-ordination of short-circuit protective devices	
- kind of protective device.....	6A gG, 500V

Hans Roschmann
Product Certification

Fehraltorf, 2007-07-03



CB TEST CERTIFICATE

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Appendix 1 to CB Test Certificate

Type list of smissline auxiliary and signal contacts

<i>For mounting on smissline busbar system</i>		NC	NO
HK40011-L	Auxiliary contacts left, with La and Lb contacts to smissline busbar	1	1
HK40011-R	Auxiliary contacts right, with La and Lb contacts to smissline busbar	1	1
HK40020-L	Auxiliary contacts left, with La and Lb contacts to smissline busbar	2	-
HK40020-R	Auxiliary contacts right, with La and Lb contacts to smissline busbar	2	-
HK40002-L	Auxiliary contacts left, with La and Lb contacts to smissline busbar	-	2
HK40002-R	Auxiliary contacts right, with La and Lb contacts to smissline busbar	-	2
SK40011-L	Signal contacts left, with La and Lb contacts to smissline busbar	1	1
SK40011-R	Signal contacts right, with La and Lb contacts to smissline busbar	1	1
SK40020-L	Signal contacts left, with La and Lb contacts to smissline busbar	2	-
SK40020-R	Signal contacts right, with La and Lb contacts to smissline busbar	2	-
SK40002-L	Signal contacts left, with La and Lb contacts to smissline busbar	-	2
SK40002-R	Signal contacts right, with La and Lb contacts to smissline busbar	-	2
SK40001-LSA	Signal contacts left, with La and Lb contacts to smissline busbar for collector alarm	-	1
SK40001-RSA	Signal contacts right, with La and Lb contacts to smissline busbar for collector alarm	-	1

<i>For mounting on top hat rail 32mm</i>		NC	NO
HK45011-L	Auxiliary contacts left	1	1
HK45011-R	Auxiliary contacts right	1	1
HK45020-L	Auxiliary contacts left	2	-
HK45020-R	Auxiliary contacts right	2	-
HK45002-L	Auxiliary contacts left	-	2
HK45002-R	Auxiliary contacts right	-	2
SK45011-L	Signal contacts left	1	1
SK45011-R	Signal contacts right	1	1
SK45020-L	Signal contacts left	2	-
SK45020-R	Signal contacts right	2	-
SK45002-L	Signal contacts left	-	2
SK45002-R	Signal contacts right	-	2

Hans Roschmann
Product Certification

Fehraltorf, 2007-07-03