

EU Declaration of Conformity

Product:	IEC Circuit Breakers and Accessories	
Name and address of the manufacturer: Sprecher + Schuh 15910 International Plaza Drive Houston, TX 77032 U.S.A.	Name and address of the authorised representative: Rockwell Automation B.V. Rivium Promenade 160 2909 LM Capelle aan den IJssel The Netherlands	
<i>This declaration of conformity is issued under the sole responsibility of the manufacturer.</i>		
Object of the declaration:	Sprecher + Schuh KTA7, KTB7, KTC7, KTV7 Series and Accessories (reference the attached list of catalogue numbers)	
<i>The object of the declaration described above is in conformity with the relevant Union harmonisation legislation:</i>		
2006/95/EC & 2014/35/EU	Low Voltage Directive	(LVD)
94/9/EC & 2014/34/EU	ATEX Directive	(ATEX)
<i>References to the relevant harmonised standards used or references to the other technical specifications in relation to which conformity is declared:</i>		
EN 60947-1:2007+A1:2011	Low-voltage switchgear and controlgear – Part 1: General rules	
EN 60947-2:2006+A1:2009+A2:2013	Low-voltage switchgear and controlgear – Part 2: Circuit Breakers	
EN 60947-4-1:2010+A1:2012	Low-voltage switchgear and controlgear – Part 4-1: Contactors and motor-starters – Electromechanical contactors and motor-starters	
EN 60947-5-1:2004+A1:2009	Low-voltage switchgear and controlgear – Part 5-1: Control circuit devices and switching elements – Electromechanical control circuit devices	
EN 954-1:1996	Safety of machinery – Safety-related parts of control systems – Part 1: General principles for design	
EN 60079-14:2014	Explosive atmospheres – Part 14: Electrical installations design, selection and erection	
Notified Body:	PTB, Bundesallee 100, D-38116 Braunschweig, Germany (NB 0102)	
performed:	EC Type Examination (ATEX)	
and issued the certificate(s):	PTB 04 ATEX 3039	
<u>Additional information:</u>		
Year of CE Marking (LVD):	1997	
ATEX Markings:	Ex II (2) G	
<i>Signed for and on behalf of the above named manufacturer:</i>		
Place and date of issue:	Aarau, Switzerland	18-Mar-2016
Name, function:	Daniel Baumann, Manager – Product Certification Engineering	
Signature:	i.V. <u><i>Daniel Baumann</i></u>	

Catalogue number	Series ¹	Description	Directive ²	
			ATEX	LVD
KTA7 – * * – *		IEC Circuit Breakers with Magnetic Trip and Thermal Trip, for Motor protection per Nomenclature	Yes ³	Yes
KTb7 – * * – *		IEC Circuit Breakers with Magnetic Trip only, for short circuit protection of Motor Starter Combinations per Nomenclature	No	Yes
KTC7 – * * – *		IEC Circuit Breakers with Magnetic and Thermal Trip, for high efficiency Motors per Nomenclature	No	Yes
KTV7 – * * – *		IEC Circuit Breakers for VFD applications per Nomenclature	No	Yes
Accessories				
KT7 – P*1 – * KT7 – RPE1 – *		Auxiliary Contact Blocks per Nomenclature	Yes	Yes
KT7 – P*F1 – * KT7 – RPEF1 – *		Trip Contact Blocks per Nomenclature	Yes	Yes
KT7 – UA – * – * KT7 – AA – * – *		Undervoltage and Shunt Trip Modules per Nomenclature	Yes	Yes
KT7 – 25S – PEK12 KT7 – 25S – PEC23 KT7 – 25H – PEC23 KT7 – 25S – PNC23 KT7 – 25H – PNC23 KT7 – 25H – PNC37 KT7 – 45H – PNC37 KT7 – 45H – PNC43		Connecting Modules	No	N/R
KT7 – 25H – PFC23D KT7 – 25H – PFC23DM		Connecting Modules, flexible	No	N/R
KT7 – 45H – PKC37 KT7 – 45H – PKC43		Connection Kits	No	N/R
KT7 – 25S – PSC23 KT7 – 45H – PSC43		Coil Modules	No	N/R
KT7 – 25 – TE1 KT7 – 45 – TE		Terminal Adapters	No	N/R
KT7 – 25 – A2E KT7 – 25 – A3 KT7 – 25 – A3E KT7 – 32 – A3 KT7 – 32 – A3E KT7 – 45 – A2E KT7 – 45 – A3E		Compact Busbar Feeder Blocks and Terminals	No	N/R
KT7 – * – DB – * – *		Three-Phase Compact Busbars per Nomenclature	No	N/R
KT7 – 25 – DB25H – 54 – 2		Jumper for KT*7 – 25H – * to KT*7 – 25S – *	No	N/R

1) If no series number is given, then all series are covered.

2) No = Product is not certified to this directive.

Yes = Product is certified to this directive.

N/R = This directive is not required for this product.

3) Certified for KTA7 – 25*. See marking on product.

Catalogue number	Series ¹	Description	Directive ²	
			ATEX	LVD
Accessories (continued)				
KT7 – 25 – DBA KT7 – 32 – DBA KT7 – 45 – DBA		Terminal Covers for covering unused terminals	No	N/R
KT7 – KN KT7 – KN1 KT7 – KRY1		Lockable Twist Knob	No	N/R
KT7 – DS		Locking Tag	No	N/R
KT7 – 45 – KRY		Lockable Rotary Handle	No	N/R
KT7 – HTN KT7 – HTRY		Operating Handles	No	N/R
KT7 – SB KT7 – SY		Handle Assemblies	No	N/R
KT7 – HT KT7 – HTL KT7 – S1 KT7 – S2 KT7 – SHS		Extension Shafts and Shaft Supports	No	N/R
KBH2		Spacer	No	N/R
KT7 – 25 – CA		Anti-Tamper Shield	No	N/R
KT7 – 45 – AS		Screw Adaptor	No	N/R
KT7 – HTFCN KT7 – HTFCRY		Legend Plates	No	N/R
CA7 – FMS CA7 – FMP CA7 – FMC CA7 – FMA2		Marking Systems	No	N/R

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MODEL NOMENCLATURE:

IEC Circuit Breakers Catalogue Number Explanation

KTA7					
KTB7	-	*	*	-	*
KTC7					
KTV7					
1		2	3		4

Position	Catalogue No. Suffix	Options/Descriptions
1	KTA7 KTB7 KTC7 KTV7	Base Catalogue Number IEC Circuit Breaker frame sizes 25, 32 and 45 IEC Circuit Breaker frame sizes 25, 32 and 45 without Thermal Trip IEC Circuit Breaker frame sizes 25, 32 and 45 for high efficiency Motors IEC Circuit Breaker frame sizes 25, 32 for VFD applications
2	R25 25 32 45	Frame Size and Rating 16A (spring force terminals), for normal breaking capacity only 25A (screw terminals) 32A (screw terminals) 45A (screw terminals), for high breaking capacity only
3	S H	Short Circuit Features Normal breaking capacity, for frame sizes 25 and 32 only High breaking capacity, for frame sizes 25, 32 and 45
4	0.16A 0.25A 0.4A 0.63A 1.0A 1.6A 2.5A 4.0A 6.3A 10A 16A 20A 25A 29A 32A 10A 16A 20A 25A 32A 45A	Code for Current Range Indicates current range of 0.1...0.16A for frame size 25 Indicates current range of 0.16...0.25A for frame size 25 Indicates current range of 0.25...0.4A for frame size 25 Indicates current range of 0.4...0.63A for frame size 25 Indicates current range of 0.63...1A for frame size 25 Indicates current range of 1...1.6A for frame size 25 Indicates current range of 1.6...2.5A for frame size 25 Indicates current range of 2.5...4A for frame size 25 Indicates current range of 4...6.3A for frame size 25 Indicates current range of 6.3...10A for frame size 25 Indicates current range of 10...16A for frame size 25 Indicates current range of 14.5...20A for frame size 25 Indicates current range of 18...25A for frame size 25 Indicates current range of 24...29A for frame size 32 Indicates current range of 27...32A for frame size 32 Indicates current range of 6.3...10A for frame size 45 Indicates current range of 10...16A for frame size 45 Indicates current range of 14.5...20A for frame size 45 Indicates current range of 18...25A for frame size 45 Indicates current range of 23...32A for frame size 45 Indicates current range of 32...45A for frame size 45

Accessories Catalogue Number Explanation

A.) Auxiliary Contact Blocks

KT7 – P	*	-	*
KT7 – RP	*	-	*
1	2		3

Position	Catalogue No. Suffix	Options/Descriptions
1	KT7 – P KT7 – RP	Base Catalogue Number Auxiliary Contact Block with Screw Terminals Auxiliary Contact Block with Spring Force Terminals
2	A1 E1	Mounting Position Right side mounted (with Screw Terminals only) Front mounted
3	Two digits	Contact Configuration First digit indicates the number of N.O. contacts Second digit indicates the number of N.C. contacts

B.) Trip Contact Blocks

KT7 – P	*	-	*
KT7 – RP	*	-	*
1	2		3

Position	Catalogue No. Suffix	Options/Descriptions
1	KT7 – P KT7 – RP	Base Catalogue Number Trip Contact Block with Screw Terminals Trip Contact Block with Spring Force Terminals
2	AF1 EF1	Mounting Position Right side mounted (with Screw Terminals only) Front mounted
3	S10/M10 S10/M01 S01/M10 S01/M01 M11	Contact Configuration (right side mounted) One N.O. trip contact (S.C. and OVL) and one N.O. trip contact (S.C.) One N.O. trip contact (S.C. and OVL) and one N.C. trip contact (S.C.) One N.C. trip contact (S.C. and OVL) and one N.O. trip contact (S.C.) One N.C. trip contact (S.C. and OVL) and one N.C. trip contact (S.C.) One N.O. trip contact (S.C.) and one N.C. trip contact (S.C.)
	S10/N10 S10/N01	Contact Configuration (front mounted) One N.O. contact and one N.O. trip contact (S.C. and OVL) One N.C. contact and one N.O. trip contact (S.C. and OVL)

Accessories Catalogue Number Explanation (continued)

C.) Undervoltage and Shunt Trip Modules

KT7 – UA	-	*	-	*
KT7 – AA				
1		2		3

Position	Catalogue No. Suffix	Options/Descriptions
1	KT7 – UA KT7 – AA	Base Catalogue Number Under Voltage Trip Module (left side mounted) Shunt Trip Module (left side mounted)
2	No suffix L20	Contact Configuration Standard contacts 2 early make contacts (for KT7 – UA only)
3	One, two or three digits, followed by a letter	Control Voltage Code (indicates voltage and frequency) AC voltage code (in the range of 12...525V50Hz or 14...600V60Hz) DC voltage code (in the range of 9...250VDC)

D.) Three-Phase Compact Busbars

KT7	-	*	-	DB	-	*	-	*
1		2		3		4		5

Position	Catalogue No. Suffix	Options/Descriptions
1	KT7	Base Catalogue Number Three-Phase Compact Busbar
2	25 32 45	Rating 64A 64A 120A
3	DB	Compact Busbars
4	45 54 63	Spacing 45mm 54mm 63mm
5	2 3 4 5	Number of Circuit Breakers connected 2 Circuit Breakers 3 Circuit Breakers 4 Circuit Breakers 5 Circuit Breakers