

ZEICHENGENEHMIGUNG MARKS APPROVAL

Song Chuan Precision Co. Ltd.
No. 377 Jhonghua Rd.
Shulin City
238 TAIPEI HSIEN
TAIWAN

ist berechtigt, für ihr Produkt /
is authorized to use for their product

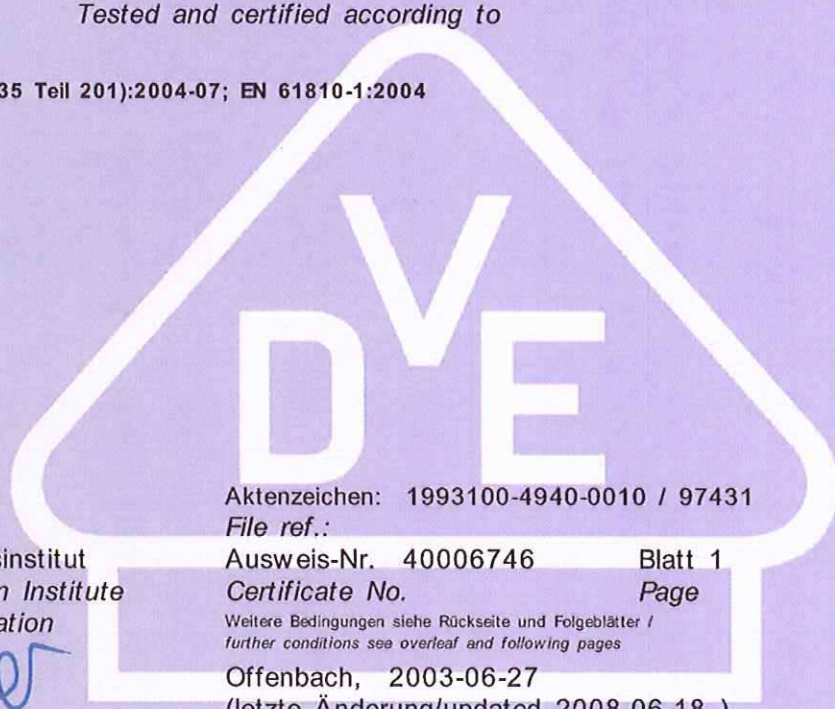
Elektromechanisches Elementarrelais
Electromechanical elementary relay
888

die hier abgebildeten markenrechtlich geschützten Zeichen
für die ab Blatt 2 aufgeführten Typen zu benutzen /
the legally protected Marks as shown below for the types referred to on page 2 ff.



Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 61810-1 (VDE 0435 Teil 201):2004-07; EN 61810-1:2004
IEC 61810-1:2004



VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Zertifizierungsstelle / *Certification*

Dr. Schipper

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Aktenzeichen: 1993100-4940-0010 / 97431

File ref.:

Ausweis-Nr. 40006746

Blatt 1

Certificate No.

Page

Weitere Bedingungen siehe Rückseite und Folgeblätter /
further conditions see overleaf and following pages

Offenbach, 2003-06-27

(letzte Änderung/updated 2008-06-18)

<http://www.vde.com/zertifikat>

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Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Song Chuan Precision Co. Ltd., No. 377 Jhonghua Rd., Shulin City, 238 TAIPEI HSIEN, TAIWAN

Aktenzeichen / *File ref.*

1993100-4940-0010 / 97431 / FG33 / MIM

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2008-06-18

2003-06-27

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40006746.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40006746.

Elektromechanisches Elementarrelais *Electromechanical elementary relay* 888

Typ(en) / *Type(s)*:

1-pole DC-Version

- 1] 888.(-;A).(-;N;N1)-1A.(C;CA)-.(C;S;V)
- 2] 888H.(-;N)-1A.(C;CA)-.(C;S;V)
- 3] 888.(-;A).(-;N;N1)-1A.(H;HA)-.(C;S;V)
- 4] 888H.(-;N)-1A.(H;HA)-.(C;S;V).(-;IR)
- 5] 888.(-;A).(-;N;N1)-1C.(C;CA)-.(C;S;V)
- 6] 888H.(-;N)-1C.(C;CA)-.(C;S;V)
- 7] 888HT.(-;N)-1C.(C;CA)-.(C;S;V)
- 8] 888.(-;A).(-;N;N1)-1C.(H;HA)-.(C;S;V)
- 9] 888H.(-;N)-1C.(H;HA)-.(C;S;V).(-;IR)
- 10] 888HT.(-;N)-1C.(H;HA)-.(C;S;V)
- 11] 888.(-;A).(-;N;N1)-1B.(C;CA)-.(C;S;V)
- 12] 888H.(-;N)-1B.(C;CA)-.(C;S;V)
- 13] 888.(-;A).(-;N;N1)-1B.(C;CA)-.(C;S;V)
- 14] 888H.(-;N)-1B.(C;CA)-.(C;S;V)

1-pole AC-Version

- 15] 888.(-;A)-1A.(C;CA)-.(C;S;V)
- 16] 888H-1A.(C;CA)-.(C;S;V)
- 17] 888.(-;A)-1A.(H;HA)-.(C;S;V)
- 18] 888H-1A.(H;HA)-.(C;S;V)
- 19] 888.(-;A)-1C.(C;CA)-.(C;S;V)
- 20] 888H-1C.(C;CA)-.(C;S;V)
- 21] 888.(-;A)-1C.(H;HA)-.(C;S;V)
- 22] 888H-1C.(H;HA)-.(C;S;V)
- 23] 888.(-;A)-1B.(C;CA)-.(C;S;V)
- 24] 888H-1B.(C;CA)-.(C;S;V)
- 25] 888.(-;A)-1B.(H;HA)-.(C;S;V)
- 26] 888H-1B.(H;HA)-.(C;S;V)

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continued on page 3

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

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Certificate No. page
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Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*
Song Chuan Precision Co. Ltd., No. 377 Jhonghua Rd., Shulin City, 238 TAIPEI HSIEN, TAIWAN

Aktenzeichen / *File ref.*
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2-pole DC-Version

- 27] 888-2A.(C;CA)-.(C;S;V)
- 28] 888N-2A.(C;CA)-.(C;S;V)
- 29] 888-2A.(H;HA)-.(C;S;V)
- 30] 888N-2A.(H;HA)-.(C;S;V)
- 31] 888-2C.(C;CA)-.(C;S;V)
- 32] 888N-2C.(C;CA)-.(C;S;V)
- 33] 888-2C.(H;HA)-.(C;S;V)
- 34] 888N-2C.(H;HA)-.(C;S;V)
- 35] 888-2B.(C;CA)-.(C;S;V)
- 36] 888N-2B.(C;CA)-.(C;S;V)
- 37] 888-2B.(H;HA)-.(C;S;V)
- 38] 888N-2B.(H;HA)-.(C;S;V)

2-pole AC-Version

- 39] 888-2A.(C;CA)-.(C;S;V)
- 40] 888-2A.(H;HA)-.(C;S;V)
- 41] 888-2C.(C;CA)-.(C;S;V)
- 42] 888-2C.(H;HA)-.(C;S;V)
- 43] 888-2B.(C;CA)-.(C;S;V)
- 44] 888-2B.(H;HA)-.(C;S;V)

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VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

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Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

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Weitere Angaben

siehe Anlage Nr.

100A-102A; 200A-214A; 200B-206B; 200C; 300A-306A;
300B-301B; 500A; 500C

Further information

see Appendix No.:

100A-102A; 200A-214A; 200B-206B; 200C; 300A-306A;
300B-301B; 500A; 500C

VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Fachgebiet FG33
Section FG33

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Beiblatt /
Certificate No. Supplement
40006746

Name und Sitz des Genehmigungs-Inhabers / *Name and registered seat of the Certificate holder*

Song Chuan Precision Co. Ltd., No. 377 Jhonghua Rd., Shulin City, 238 TAIPEI HSIEN, TAIWAN

Aktenzeichen / *File ref.*

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2008-06-18

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Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40006746.

This supplement is part of the Certificate No. 40006746.

Elektromechanisches Elementarrelais ***Electromechanical elementary relay*** **888**

Fertigungsstätte(n)

Place(s) of manufacture

Referenz/*Reference*
30007679

Xiamen Song Chuan Precision
Co. Ltd.
5th. Fl. Zonic Science Bldg.
Xing Long Road Huli Ind. District
361000 XIAMEN
Fujian
CHINA

VDE Prüf- und Zertifizierungsinstitut
VDE Testing and Certification Institute
Fachgebiet FG33
Section FG33

	ZEICHENGENEHMIGUNG MARKS APPROVAL		Aktenzeichen: <i>File ref.:</i> 1993100-4940-0010 / 97431	Ausweis-Nr.: <i>Certificate No.:</i> 40006746	Datum <i>Date</i> 2008-06-17
Elektromechanisches Elementarrelais <i>Electromechanical elementary relay</i>	Typenschlüssel Nomenclature				
Beispiel: Example:	888 H - N 1C C - F - C XX XXX XXVDC 1 2 3 4 5 6 7 8 9				
1. TYPE	888 (1-pole version)				
2. PINNING	Blank = Standard type (1P: pinning 3,5 mm) or (2P: pinning 5,0 mm) A = Standard type and Special terminal pitch (1P: pinning 5,0 mm) H = Double pinning (High power type)				
3. COIL POWER	Blank = Standard type (DC: 0,53 W) or (AC: 1,2 VA) N = High sensitive type (0,40 W) N1 = High sensitive type (0,25 W)				
4. CONTACT FORM	1A = Single pole normally open NO 1B = Single pole normally closed NC 1C = Single pole double throw CO				
5. CONTACT MATERIAL	C = AgNi 90/10 CA = AgNi 90/10 + Au plated H = AgSnO alloy HA = AgSnO alloy + Au plated				
6. INSULATION SYSTEM FOR UL	Blank = Standard type B = Class B F = Class F				
7. VERSION	C = flux tight S = Plastic sealed type V = Plastic sealed type without QC2 test				
8. SPECIAL TYPE	Blank = Standard type IR = Inrush type				
9. SPECIAL CODE	May be followed by additional letters/ or number – Example: Customer code or requirements and / or E; E1 for insulation materials for domestic appliances (IEC 60335-1, Ed. 4) Remark: Does not affect the construction				
COIL VOLTAGE	3VDC, 5VDC, 6VDC, 9VDC, 12VDC, 15VDC, 18VDC, 24VDC, 36VDC, 48VDC, 60VDC, 110VDC 6VAC; 12VAC; 24VAC; 42VAC; 48VAC; 100/110VAC; 110/120VAC; 200/220VAC; 220/230VAC; 220/240VAC				
VDE Prüf- und Zertifizierungsinstitut Diese Anlage gilt nur in Verbindung mit Blatt 1 der Zeichengenehmigung <i>This Appendix is only valid in conjunction with page 1 of the marks approval</i>			VDE Prüf- und Zertifizierungsinstitut <i>VDE Testing and Certification Institute</i>		Fachgebiet FG33 Section FG33 

	ZEICHENGENEHMIGUNG MARKS APPROVAL		Aktenzeichen: <i>File ref.:</i> 1993100-4940-0010 / 97431	Ausweis-Nr.: <i>Certificate No.:</i> 40006746	Datum <i>Date</i> 2008-06-17
Elektromechanisches Elementarrelais <i>Electromechanical elementary relay</i>			Typenschlüssel <i>Nomenclature</i>		
Beispiel: <i>Example:</i>			888 - N 2C C - F - C XXX XXVDC		
			1 2 3 4 5 6 7		
1. TYPE			888 (2-pole version)		
2. COIL POWER			Blank = Standard type (DC: 0,53 W) N = High sensitive type (0,40 W)		
3. CONTACT FORM			2A = Double pole normally open NO 2B = Double pole normally closed NC 2C = Double pole double throw CO		
4. CONTACT MATERIAL			C = AgNi 90/10 CA = AgNi 90/10 + Au plated H = AgSnO alloy HA = AgSnO alloy + Au plated		
5. INSULATION SYSTEM FOR UL			Blank = Standard type B = Class B F = Class F		
6. VERSION			C = flux tight S = Plastic sealed type V = Plastic sealed type without QC2 test		
7. SPECIAL CODE			May be followed by additional letters/ or number – Example: Customer code or requirements and / or E; E1 for insulation materials for domestic appliances (IEC 60335-1, Ed. 4) Remark: Does not affect the construction		
COIL VOLTAGE			3VDC, 5VDC, 6VDC, 9VDC, 12VDC, 15VDC, 18VDC, 24VDC, 36VDC, 48VDC, 60VDC, 110VDC 6VAC; 12VAC; 24VAC; 42VAC; 48VAC; 100/110VAC; 110/120VAC; 200/220VAC; 220/230VAC; 220/240VAC		

888H/888HN - Single-Pole -

Contact Type	Contact Ratings	Contact (NO and/or NC)
Type C or CA (AgNi)	17 A, 277 Vac, general use	NO/NC
	10 FLA, 60 LRA, 250 Vac	NO
	12 A, 30 Vdc	NO
	1 HP, 480 Vac	NO
	½ HP, 120/240/480 Vac	NC
	A300 Pilot Duty	NO
Type H or HA (AgSnO)	17 A, 277 Vac, general use, 100K, 105°C	NO/NC
	10 FLA, 60 LRA, 250 Vac	NO/NC
	12 A, 30 Vdc	NC
	1 HP, 120/240/480 Vac	NO
	½ HP, 120/240/480 Vac	NC
	A300 Pilot Duty	NO
	TV-8	NO
	10 FLA, 60 LRA, 250 V ac, 30K	NO
	5 FLA, 30 LRA, 250 V ac, 30K	NC

888HT/888HTN - Single-Pole -

Contact Type	Contact Ratings	Contact (NO and/or NC)
Type C or CA (AgNi)	17 A, 277 Vac, general use	NO/NC
	10 FLA, 60 LRA, 250 Vac	NO
	12 A, 30 Vdc	NO
	1 HP, 480 Vac	NO
	½ HP, 120/240/480 Vac	NC
	A300 Pilot Duty	NO
	17 A, 277 Vac, general use, 100K, 105°C	NO
	17 A, 277 Vac, general use, 30K, 105°C	NC
Type H or HA (AgSnO)	17 A, 277 Vac, general use, 100K, 105°C	NO/NC
	10 FLA, 60 LRA, 250 Vac	NO/NC
	12 A, 30 Vdc	NC
	1 HP, 120/240/480 Vac	NO
	½ HP, 120/240/480 Vac	NC
	A300 Pilot Duty	NO
	TV-8	NO

888N1/888AN1/888HN1 - Single-Pole -

Contact Type	Contact Ratings	Contact (NO and/or NC)
All	17 A, 277 Vac, general use	NO/NC
	12 A, 30 Vdc	NO/NC