



ENGLISH

Datasheet

RS PRO POWER SUPPLY CORD

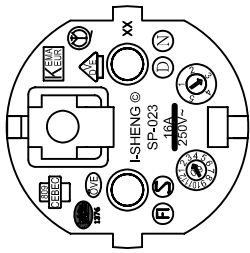
Stock No: 1230948



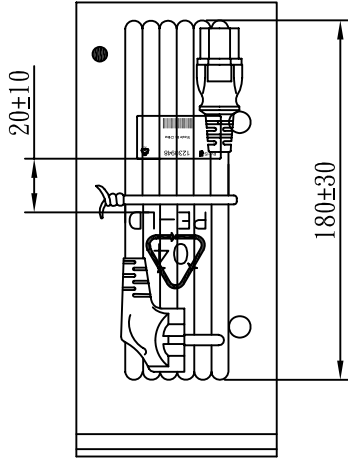
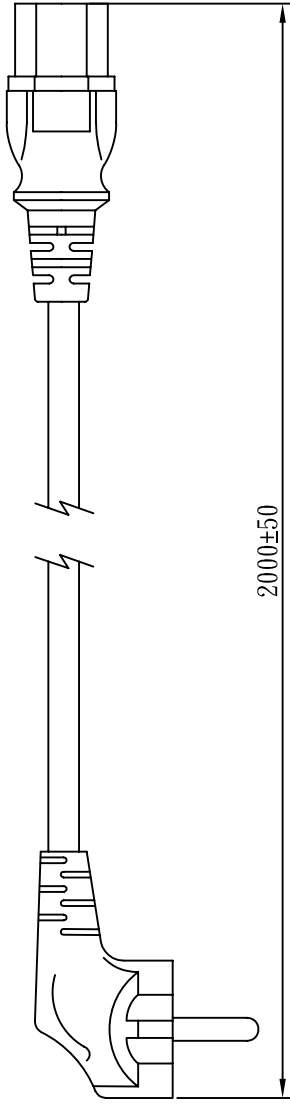
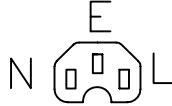
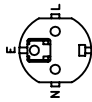
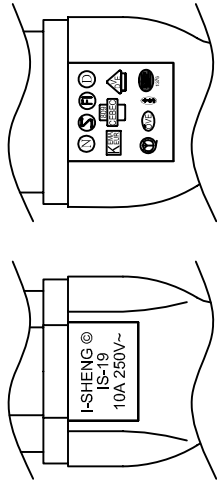
CONTENT

1. Finished Production Drawing
2. Plug Drawing
3. Connector Drawing
4. Product Specification
5. Characteristic
6. Safety Certification

MARKING:



MARKING:



WIRING COLOR :

E: Yellow/Green
N: Blue
L: Brown

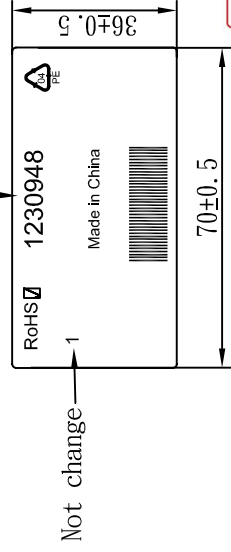
LEGEND ON CORD : (D5R33-SG)

I-SHENG KSIS <VDE> KEMA-KEUR 40 40 40 <V> CEBC 809 <V> NF-USE
1353 IEMMEQU H05RR-F 3G 1.0mm² Q051568 CABO FLEXIVEL IEC 60245-4
A041481 60245 IEC 53(YZ) 300/500V

No	BOM ITEM	Q'TY	P/N
1	SP023 INSERT	1 PCS	MB023012
2	PVC 45P (SA87, SP-023)	45 g	RPP04512
3	KPR-14 TERMINAL	3 PCS	BBB14000
4	IS-19 INNER BODY YM-B7-00	1 PCS	MI019000
5	IS-19 INNER BODY YM-B7-10	1 PCS	MI019001
6	PVC 45P (SA87, IS-19)	25 g	RPP04512
7	PE TIE (BLACK, 6 inch)	1 pcs	KBB10006
8	PE BAG	1 pcs	KPRI1000
9	LABEL	1 pcs	

Note: The secondCode: Code EAN-128C
Read the content : 1230948

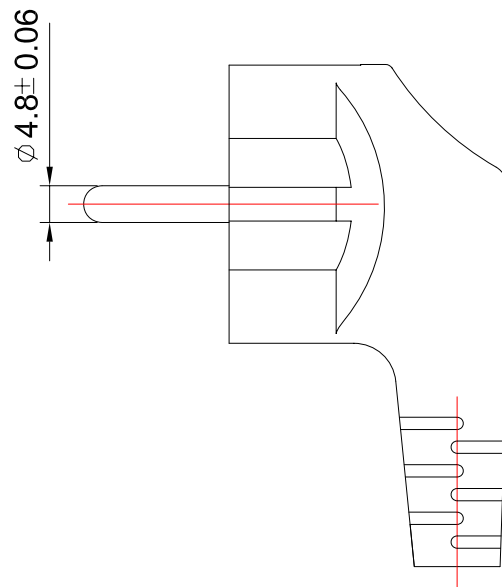
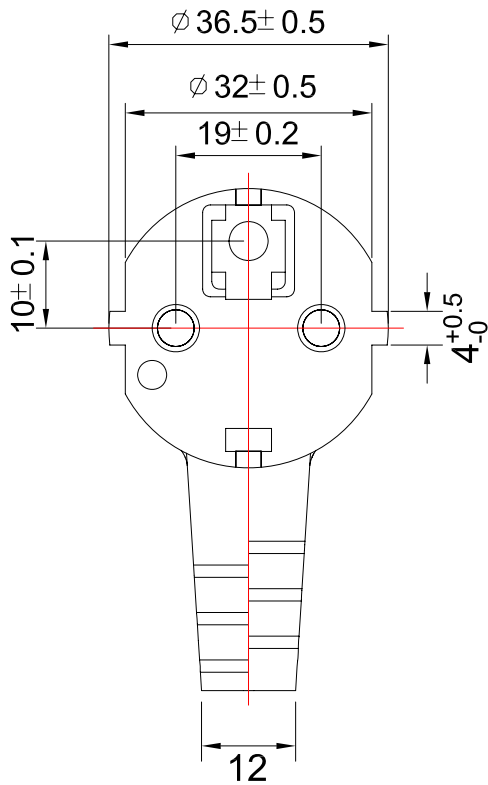
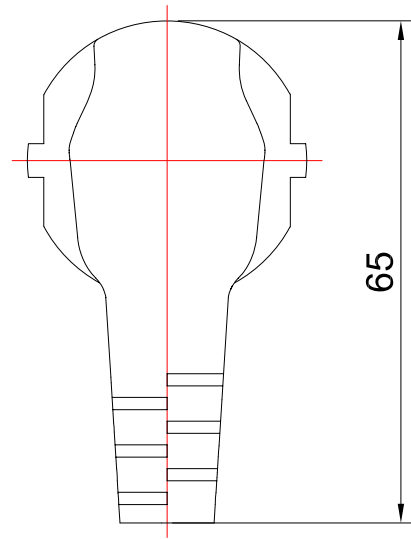
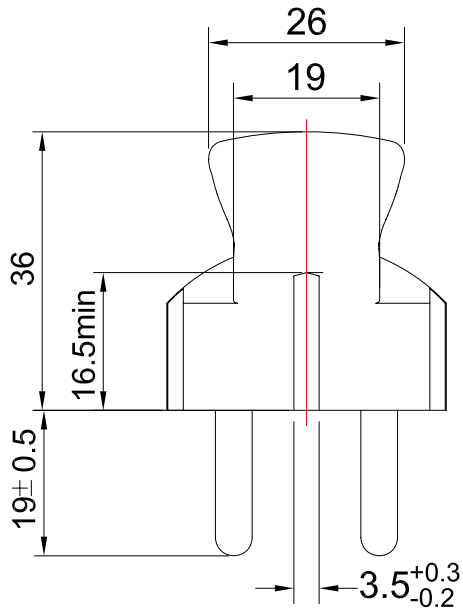
Client P/N



CABLE	H05RR-F 3G 1.0 BRAZIL 橡膠線 CT-12(BLACK)			
PLUG	SP-023 + IS-19	LENGTH	2000	UNIT mm
NAME	First connectivity	N/W		UNIT kg
P/N	1230948	SG DWG	SR-162520-14	VER. A
		Design. by	倪雪平	2016. 7. 22
		Review. by	朱曉玲	2016. 7. 22
		Approval. by	周德云	2016. 7. 22
V49 WC31SG 12 200 01				

Sample Drawing

FORM:END-22



DWG. NAME	TYPE AND DIMENSIONS			TOLERANCE	
APPLY TO STANDARD	EUROPE APPROVAL POWER SUPPLY CORD				
ISSUE DATE	2000/07/19	REV.	G	≤ 1.0	±0.3
REVISE DATE	2008/09/02	UNIT	mm	≤ 10.0	±0.5
TYPE	SP-023	DWG. NO.	A23-01	≤ 20.0	±1.0
WIRE	H05VV-F (0.75~1.0/3),H03VV-F (0.75/3)			> 20.0	±2.0
	DESIGN BY	FANNY WANG			
	REVIEW BY	GERRY LAI			
	APPROVE BY	RYAN LAI			

MARKING

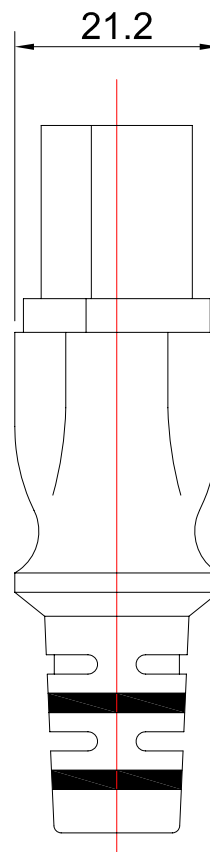
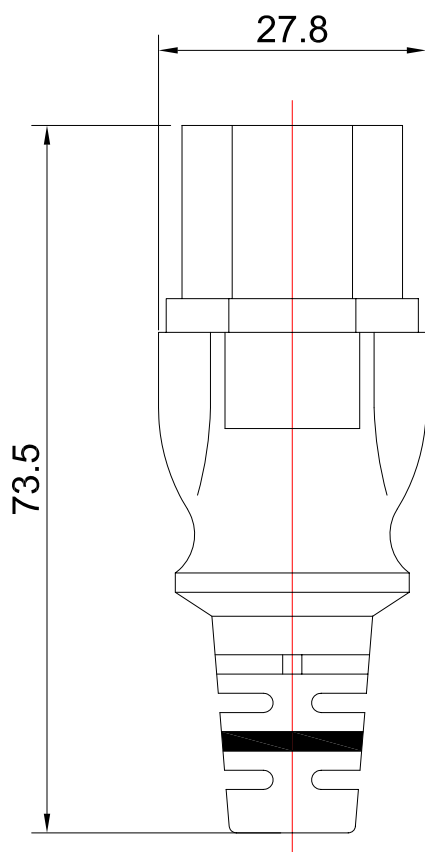
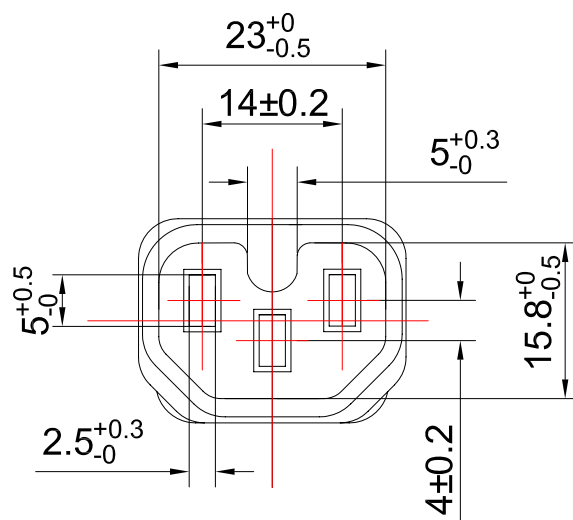
ISSUE 2009.06.24	STD. NAME EUROPE APPROVAL POWER SUPPLY CORD	FILE NO. A23-01-8
REVISED A	CAT NO. SP-023 成品標識示意圖	PAGE 1

NF 1376 CE 809 DVE FI S N D XX I-SHENG ©
SP-023
16A
250V~

此字塊表示1~5周，箭頭做可旋轉
 此字塊表示2009年及1~12月，隨年份變更，箭頭做可旋轉

RS PRO

D. by	NI	C. by	BOBOAN	A. by	YUN
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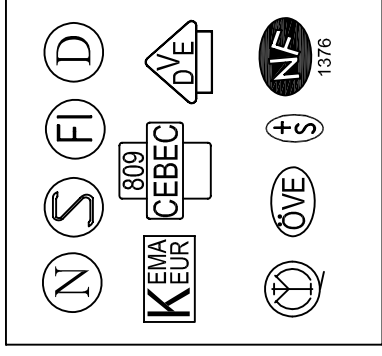
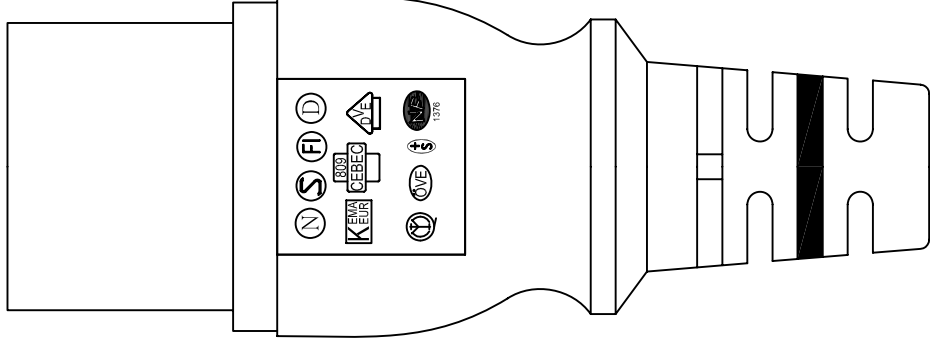
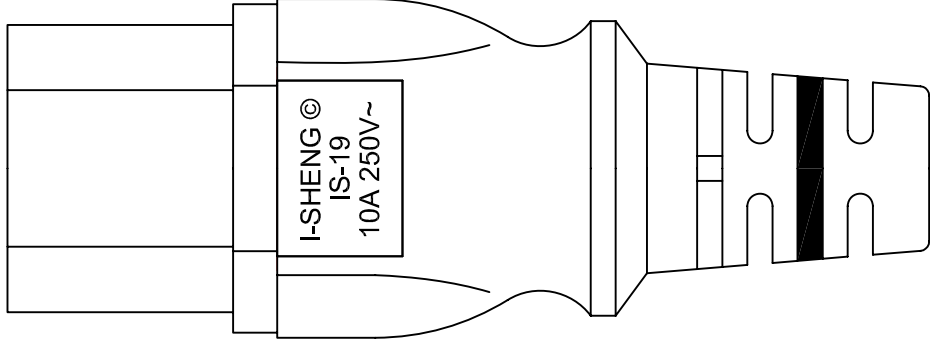


DWG. NAME	TYPE AND DIMENSIONS			TOLERANCE	
APPLY TO STANDARD	EUROPEAN APPROVAL POWER SUPPLY CORD				
ISSUE DATE	2004/01/12	REV.	B	≤ 1.0	±0.3
REVISE DATE	2009/07/30	UNIT	mm		
TYPE	IS-19	DWG. NO.	L19-1	≤ 10.0	±0.5
WIRE	H05RR-F(0.75~1.5/3),H05RN-F(0.75~1.0/3)				
	DESIGN BY	YUYING WANG		≤ 20.0	±1.0
	REVIEW BY	FANNY WANG			
	APPROVE BY	RYAN LAI		> 20.0	±2.0

MARKING

ISSUE 2009.09.07	STD. NAME EUROPE APPROVAL POWER SUPPLY CORD	FILE NO. L19-01-1
REVISED B	CAT NO. IS-19 成品標識示意圖	PAGE 1

I-SHENG ©
IS-19
10A 250V~



D. by	NI	C. by	BOBOAN	A. by	YUN
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SPECIFICATION

Rev. 1.0

Issued	2016/7/25	Description	File No.	TC8WC31SG
Revised		SP-027C+IS-19 H05RR-F 3G 1.0mm ²	Page	1/1

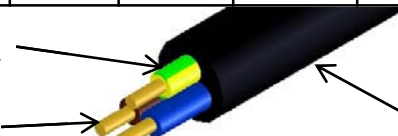
1. Scope :

This specification is applied to power supply cord conforming to:
IEC 60884-1 SEV 1011:09 IEC 60245 IEC 60320-1






2. Construction and dimensions:

In accordance with the following tables and attached drawings.

Item	Cat. No.	Rating		Approved No.
		A	V	
Plug	SP-027C	10	250	As attachment
Connector	IS-19	10	250	As attachment

Flexible cord					H05RR-F 3G 1.0mm ²			
Approved No.					As attachment			
Rating					300/500V			
Conductor		Insulation			Jacket			Conductor Resistance
Nominal (mm ²)	Composition (pcs/mm)	Avg. Thickness (mm)	Min Thickness (mm)	Diameter (mm)	Avg. Thickness (mm)	Min Thickness (mm)	Diameter	Max 19.5Ω/km at 20°C
1.0	32/ § 0.20+0,-0.015	0.60	0.44	§ 2.5±0.1	0.90	0.67	§ 7.2±0.2	In case of dispute, Conductor resistance shall be the referee method.
								Insulation Color
								Blue
								Brown
								Yellow/Green

3. Cable marking on the sheath:

Kunshan: I-SHENG KSIS ◁VDE▷ KEMA-KEUR  ◁ ÖVE▷ △ CEBC 809    NF-USE 1353 IEMMEQU H05RR-F 3G 1.0mm ² Q051568 CABO FLEXÍVEL △ IEC 60245-4  A041481 60245 IEC 53(YZ) 300/500V
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發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
修訂 REVISED 2010.05.24	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR EUROPE	SPEC-EU

Items 項目	Conditions 條件	Specification 規格
1 Insulation resistance 絕緣抵抗	The insulation resistance is measured with a d.c. voltage of approximately 500 V, the measurement being made 1 min after application of the voltage.	The insulation resistance shall be not less than 100 MΩ.
	Between all poles connected together and the body. Between each pole in turn and all others, these being connected to the body.	
2 Electric strength 耐電壓	Testing transformer capacity (耐壓計容量) :500 VA or more Trip current(遮斷電流) :2mA frequency(周波數) :50/60 Hz Test time:1Min	No flashover or breakdown shall occur during the test.
	Between each contact in turn and the others connected together. <u>2800V</u> /1min. Between the current-carrying contacts connected together and the body. <u>4000 V</u> /1 min.	
3 Moisture resistance 耐濕性	The humidity treatment is carried out in a humidity cabinet containing air with a relative humidity maintained between 91% and 95%. The temperature of the air, at all places where specimens can be located, is maintained within $\pm 1^{\circ}\text{C}$ of any convenient value $t^{\circ}\text{C}$ between 20°C and 30°C . Before being placed in the humidity cabinet, the specimens are brought to a temperature between $t^{\circ}\text{C}$ and $(t+4)^{\circ}\text{C}$. The specimens are kept in the cabinet for - 168h (7 days) for connector with earthing contact and for appliance inlets with earthing contact, which are submitted as individual accessories, not incorporated in other equipment.	After this treatment, the specimen shall show no damage.
4 Polarity/Continuity	Line and neutral shall be test at 24V;shall be instantaneous	Without breakdown

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Items 項目	Conditions 條件	Specification 規格	Items 項目																		
5 Flexing test 屈曲強度	<p>The oscillating member is moved through an angle of 90° (45° on either side of the vertical), the number of flexings being 10,000 and the rate of flexing 60/min.</p> <p>Specimens with circular section flexible cables are turned through 90° in the oscillating member after 5 000 flexings; specimens with flat flexible cables are only bent in a direction perpendicular to the plane containing the axes of the conductors.</p>		no interruption of the current, no short circuit between conductors.																		
		<table border="1"> <thead> <tr> <th></th> <th>Load Weight (g)</th> <th>Angle $\theta(^{\circ})$</th> <th>Optional direction (turns)</th> <th>Furthermore 90° rotational direction (turns)</th> <th>Rate of flexing per min (turns)</th> </tr> </thead> <tbody> <tr> <td>plug</td> <td>0.75mm²↓ 1020(10N) 1.0mm²↑ 2040(20N)</td> <td>45</td> <td>10000</td> <td>5000</td> <td>60</td> </tr> <tr> <td>connector</td> <td>0.75mm²↓ 1020(10N) 1.0mm²↑ 2040(20N)</td> <td>45</td> <td>20000</td> <td>10000</td> <td>60</td> </tr> </tbody> </table>			Load Weight (g)	Angle $\theta(^{\circ})$	Optional direction (turns)	Furthermore 90° rotational direction (turns)	Rate of flexing per min (turns)	plug	0.75mm ² ↓ 1020(10N) 1.0mm ² ↑ 2040(20N)	45	10000	5000	60	connector	0.75mm ² ↓ 1020(10N) 1.0mm ² ↑ 2040(20N)	45	20000	10000	60
		Load Weight (g)		Angle $\theta(^{\circ})$	Optional direction (turns)	Furthermore 90° rotational direction (turns)	Rate of flexing per min (turns)														
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connector	0.75mm ² ↓ 1020(10N) 1.0mm ² ↑ 2040(20N)	45	20000	10000	60																
<p style="text-align: right;">IEC 1332/02</p>																					

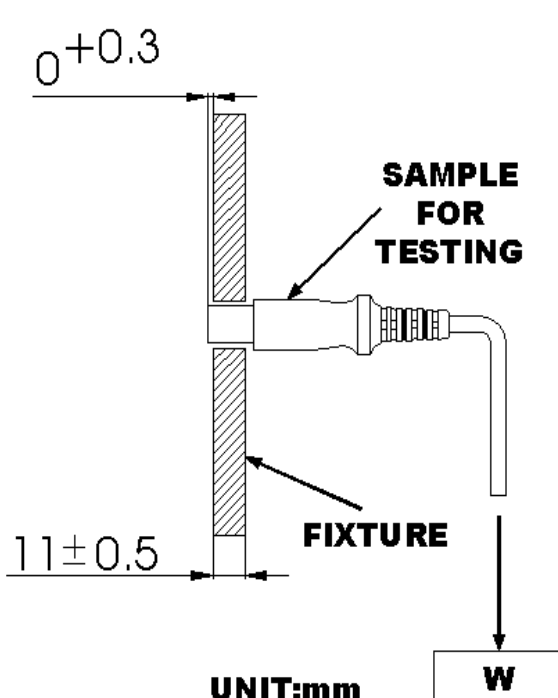
發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
修訂 REVISED 2010.05.24	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR EUROPE	SPEC-EU

Items 項目	Conditions 條件	Specification 規格
6 Breaking capacity 啓斷容量	<p>The connector and appliance inlet are connected and disconnected 50 times (100 strokes) at a rate of 30 strokes per minute. The length of a stroke of the test apparatus is between 50mm and 60mm.</p> <p>The periods during which the test current is passed from the connection to the subsequent disconnection of the accessories are 1.5(+0.5,-0)s.</p> <p>The test voltage is 275V, the test current is 1.25 times rated current and the power factor is at least 0.95 for 10A and 16A connectors and 0.6±0.05 for other connectors</p>	The specimen shall show no damage impairing its further use and the entry holes for the pins shall not show any serious damage.
7 Normal Operation 正常操作	<p>0,2 A connectors and the appliance inlet are connected and disconnected 2 000 times (4 000 strokes) without current flowing.</p> <p>Other connectors and the appliance inlet are connected and disconnected 1 000 times (2 000 strokes) at rated current and 3 000 times (6 000 strokes) without current flowing.</p>	No damage; The specimen can withstand the electric strength test with the voltage of 1500V.
8 Temperature rise 溫昇	<p>An alternating current of 1.25 times rated current is passed through the current-carrying contacts for 1h.</p> <p>For connectors with earthing contact, the current is then passed through one current-carrying contact and the earthing contact for 1h</p>	The temperature rise of pins, terminals and contacts shall not exceed 45k.

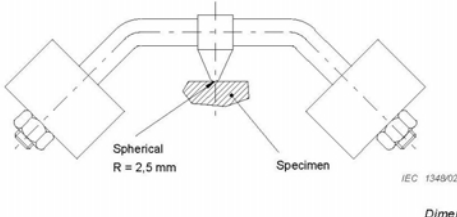
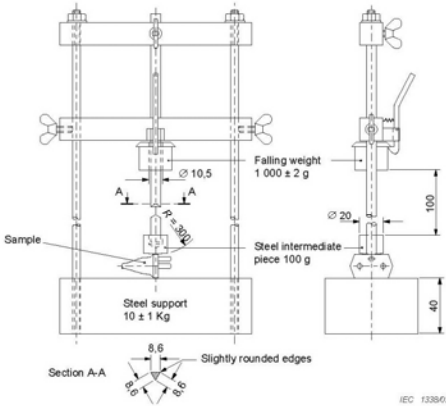
發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
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9	Withdrawal force 引拔力	<p>Verification of the maximum withdrawal force The connector is inserted to the full depth into and withdrawn from the appropriate appliance inlet 10 times. It is then again inserted for a principal mass is such that it exerts a force equal to one-tenth of the maximum withdrawal force specified in the table and it shall be made in one piece and a supplementary.</p> <p>Verification of the minimum withdrawal force The test pin gauge is applied to each individual connector contact with the contact axes vertical and the gauge hanging vertically downwards. The total mass of the gauge shall be such as to exert the applicable force as show in table.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="3">Type of connector</th> <th colspan="3">Withdrawal force N (kg)</th> </tr> <tr> <th colspan="2">Multi-pin gauge</th> <th rowspan="2">Single-pin gauge minimum</th> </tr> <tr> <th>Max</th> <th>Min</th> </tr> </thead> <tbody> <tr> <td>0.2A 2.5A 6A 10A</td> <td>50 (5.1)</td> <td>10 (1.0)</td> <td>1.5 (0.15)</td> </tr> <tr> <td>16A</td> <td>60 (6.1)</td> <td>15 (1.5)</td> <td>2 (0.2)</td> </tr> </tbody> </table>	Type of connector	Withdrawal force N (kg)			Multi-pin gauge		Single-pin gauge minimum	Max	Min	0.2A 2.5A 6A 10A	50 (5.1)	10 (1.0)	1.5 (0.15)	16A	60 (6.1)	15 (1.5)	2 (0.2)	<p>After Verification of the maximum withdrawal force test. The principal mass is hung on the connector without jolting and the supplementary mass is allowed to fall from a height of 5 cm on to the principal mass. The connector shall not remain in the appliance inlet.</p> <p>After Verification of the minimum withdrawal force test. The test pin gauge is applied gently, and care is taken not to knock the assembly when checking the minimum withdrawal force. The gauge shall not fall from the contact assembly within 3 sec.</p>
Type of connector	Withdrawal force N (kg)																			
	Multi-pin gauge			Single-pin gauge minimum																
	Max	Min																		
0.2A 2.5A 6A 10A	50 (5.1)	10 (1.0)	1.5 (0.15)																	
16A	60 (6.1)	15 (1.5)	2 (0.2)																	
10	Resistance to heat 耐熱試驗	<p>The test being made in a heating cabinet at a temperature of $100 \pm 2^{\circ}\text{C}$.</p> <p>The specimen is clamped between steel jaws, having a cylindrical face of 25mm radius, a width of 15mm and a length of 50mm. The corners are rounded with a radius of 2.5mm.</p> <p>The specimen is clamped in such a way that the jaws press against it in the area where it is gripped in normal use, the centre line of the jaws coinciding as nearly as possible with the centre of this area.</p> <p>The force applied through the jaws is 20N</p>	<p>After 1h, the jaws are removed and the specimen shall show no damage within the meaning of this standard.</p>																	

發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
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Items 項目	Conditions 條件	Specification 規格
11 Resistance to Aging 老化試驗	<p>The specimens are suspended freely in a heating cabinet, ventilated by natural circulation. They are kept in the cabinet, which is maintained at a temperature of $80 \pm 2^{\circ}\text{C}$, for 168h (7 days).</p> <p>After the test are allowed to attain approximately ambient temperature and are then examined.</p> <p>They shall show no crack visible to the naked eye, nor shall the material have become sticky or greasy, this being judged as follows.</p> <p>1) A forefinger wrapped in a dry piece of rough cloth is pressed on the specimen with a force of 5N. 2) No traces of the cloth shall remain on the specimen and the material of the specimen shall not stick to the cloth.</p>	After this test, the specimen shall show no damage which would lead to non-compliance with this standard.
12 Bending strength of connector body 本體機械強度	<p>After the connector's point is fixed as shown in the figure below. Load of 10kg shall be applied vertically and slowly for 15 s.</p> 	After the test, the connector shall show no damage.

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<p>13 Ball pressure test 球壓測試</p>	<p>The sample is 2 mm wide, surrounding the phase and neutral pin entry holes of socket-outlets, shall be subjected to a ball-pressure test.</p> <p>The part under test shall be placed on a steel plate at least 3 mm thick and in direct contact with it.</p> <p>The surface of the part to be tested is placed in the horizontal position and the hemispherical tip of the test equipment is pressed against the surface with a force of 20 N.</p> <p>The test is made in a heating cabinet at a temperature of $(125 \pm 2) ^\circ\text{C}$ for 1h. After 1 h the ball shall be removed from the specimen, which is then immersed within 10 s, in cold water for cooling down to approximately room temperature.</p>  <p style="text-align: center;"><i>Dimensions in millimetres</i></p>	<p>The diameter of the impression caused by the ball is measured and shall not exceed 2 mm.</p>
<p>14 Impact test at Low temperature 低溫撞擊測試</p>	<p>The apparatus, positioned on a pad of sponge rubber 40 mm thick, is placed together with the specimens in a freezer at a temperature of $(-15 \pm 2) ^\circ\text{C}$, for at least 16 h.</p> <p>At the end of this period, each specimen, in turn, is placed in the normal position of use as shown in the figure below, and a weight is allowed to fall from a height of 100 mm. The mass of the falling weight is $(1\ 000 \pm 2)$ g.</p>  <p style="text-align: center;"><i>Dimensions in millimetres</i></p>	<p>After the test, the specimen shall show no damage within the meaning of this standard.</p>

ZEICHENGENEHMIGUNG MARKS APPROVAL

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

Stecker mit Schutzkontakt, nicht wiederanschließbar, umspritzt
Plug, with earthing contact, non-rewirable, moulded

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 VDE 0620-1 (VDE 0620-1):2010-02



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


S. Berber

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Aktenzeichen: 1276300-1560-0004 / 161954

File ref.:

Ausweis-Nr. 40013796

Blatt 1

Certificate No.

Page

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

Offenbach, 2005-04-21

(letzte Änderung/updated 2012-09-13)

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

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

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

Aktenzeichen / *File ref.*

1276300-1560-0004 / 161954 / FG45 / SHA

letzte Änderung / *updated* Datum / *Date*

2012-09-19

2005-04-21

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40013796
This supplement is only valid in conjunction with page 1 of the Certificate No. 40013796.

Stecker mit Schutzkontakt, nicht wiederanschließbar, umspritzt
Plug, with earthing contact, non-rewirable, moulded

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

SP-023

Bemessungsspannung
Rated voltage

AC 250 V

Bemessungsstrom
Rated current

16 A

Polzahl
Number of poles

2-polig mit zwei Schutzkontaktsystemen
2-pole with two earthing contact systems

Bauart
Kind of construction

Normblatt: DIN 49441-R2
standard sheet: DIN 49441-R2

Schutzart
Degree of protection

IP20

Kennzeichnung der
Fertigungsstätte(n)
*Marking of
manufacturingplace(s)*

30005950: ohne Kennzeichnung / without marking
30006550: "C"
30006554: "K"
30019097: "V"

Produktinformation
Product information

siehe Anlage Nr. 400A+ 401A + 402A + 403A +
404A + 900A
*see Appendix No. 400A+ 401A + 402A + 403A +
404A + 900A*

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet FG45
Section FG45

**VDE Prüf- und Zertifizierungsinstitut
Zeichengenehmigung**

Ausweis-Nr. / Beiblatt /
Certificate No. Supplement
40013796

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

Aktenzeichen / *File ref.*

1276300-1560-0004 / 161954 / FG45 / SHA

letzte Änderung / *updated* Datum / *Date*

2012-09-19

2005-04-21

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40013796.

This supplement is part of the Certificate No. 40013796.

Stecker mit Schutzkontakt, nicht wiederanschließbar, umspritzt
Plug, with earthing contact, non-rewirable, moulded

Fertigungsstätte(n)

Place(s) of manufacture

Referenz/*Reference*

30005950

Referenz/*Reference*

30006550

Referenz/*Reference*

30006554

Referenz/*Reference*

30019097

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet FG45
Section FG45

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

Aktenzeichen / *File ref.*

1276300-1560-0004 / 161954 / FG45 / SHA

letzte Änderung / *updated* Datum / *Date*

2012-09-19

2005-04-21

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40013796
This supplement is only valid in conjunction with page 1 of the Certificate No. 40013796.

Genehmigung zum Benutzen des auf Seite 1 abgebildeten markenrechtlich geschützten Zeichens des VDE:

Grundlage für die Benutzung sind die Allgemeinen Geschäftsbedingungen (AGB) der VDE Prüf- und Zertifizierungsinstitut GmbH (www.vde.com\AGB-Institut). Das Recht zur Benutzung erstreckt sich nur auf die bezeichnete Firma mit den genannten Fertigungsstätten und die oben aufgeführten Produkte mit den zugeordneten Bezeichnungen. Die Fertigungsstätte muss so eingerichtet sein, dass eine gleichmäßige Herstellung der geprüften und zertifizierten Ausführung gewährleistet ist.

Die Genehmigung ist so lange gültig wie die VDE-Bestimmungen gelten, die der Zertifizierung zugrunde gelegen haben, sofern sie nicht auf Grund anderer Bedingungen aus der VDE Prüf- und Zertifizierungsordnung (PM102) zurückgezogen werden muss.

Der Gültigkeitszeitraum einer VDE-GS-Zeichengenehmigung kann auf Antrag verlängert werden. Bei gesetzlichen und / oder normativen Änderungen kann die VDE-GS-Zeichengenehmigung ihre Gültigkeit zu einem früheren als dem angegebenen Datum verlieren.

Produkte, die das Biozid Dimethylfumarat (DMF) enthalten, dürfen gemäß der Kommissionsentscheidung 2009/251/EG nicht mehr in den Verkehr gebracht oder auf dem Markt bereitgestellt werden.

Der VDE-Zeichengenehmigungsausweis wird ausschließlich auf der ersten Seite unterzeichnet.

Approval to use the legally protected Mark of the VDE as shown on the first page:

Basis for the use are the general terms and conditions of the VDE Testing and Certification Institute (www.vde.com\terms-institute). The right to use the mark is granted only to the mentioned company with the named places of manufacture and the listed products with the related type references. The place of manufacture shall be equipped in a way that a constant manufacturing of the certified construction is assured.

The approval is valid as long as the VDE specifications are in force, on which the certification is based on, unless it is withdrawn according to the VDE Testing and Certification Procedure (PM102E).

The validity period of a VDE-GS-Mark Approval may be prolonged on request. In case of changes in legal and / or normative requirements, the validity period of a VDE-GS-Mark Approval may be shortened.

Products containing the biocide dimethylfumarate (DMF) may not be marketed or made available on the EC market according to the Commission Decision 2009/251/EC.

The approval is solely signed on the first page.



**ZEICHENGENEHMIGUNG
MARKS APPROVAL**

Aktenzeichen:
File ref.:
1276300-1560-0004/161954

Ausweis-Nr.:
Approval No.:
40013796

Datum
Date
2012-09-19

Stecker **2-polig mit Schutzkontakt**
Plug 2-pole with earthing contact

Ausführung:
Construction:
abgewinkelte Leitungseinführung
angled cable entry

Anlage-Nr.:
Appendix No.:
404A

Fertigungsstätte / Place of manufacture:																					
30005950: ohne Kennzeichnung / without marking																					
Position im VDE-Ausweis	Typ(en)	Leitungsaufdruck																			
	Type(s)	Marking on cable																			
SP-023		! !	! !	X	! !	! !	! !	! !	! !												
		H03VF-F 3G 0,5 mm ²	H03VF-F 3G 0,75 mm ²	H03VF-F 3G 0,75 mm ²	H05VF-F 3G 1,0 mm ²	H05VF-F 3G 1,5 mm ²	H05VR-F 3G 0,75 mm ²	H05RR-F 3G 1,0 mm ²	H05RR-F 3G 1,5 mm ²	H05RN-F 3G 0,75 mm ²	H05RN-F 3G 1,0 mm ²	H07RN-F 3G 1,0 mm ²	H07RN-F 3G 1,5 mm ²	H03RT-H 3G 0,75 mm ²	H03RT-H 3G 1,0 mm ²	H05V2V2-F 3G 0,75 mm ²	H05V2V2-F 3G 1,0 mm ²				

X Δ genehmigte Ausführung / approved version --- Δ nicht genehmigt / not approved

Werkstoff der Umspritzung: <i>Material of the moulding:</i>	Typ; Farbe Type; colour	PVC; alle Farben / all colours
Werkstoff der Träger Teile: <i>Material of the base:</i>	Typ; Hersteller; Farbe Type; manufacturer; colour	PBT; Typ(e); 4830; schwarz/ black Chang Chun Plastics Co., Ltd.
Inneneinsatz: <i>Insert:</i>	Typ; Hersteller Type; manufacturer	Typ(e): P98651A-VDE GEM

VDE Prüf- und Zertifizierungsinstitut GmbH

Diese Anlage gilt nur in Verbindung mit Blatt 1 der Zeichengenehmigung
This Appendix is only valid in conjunction with page 1 of the marks approval

Fachgebiet FG45
Section FG45





**ZEICHENGENEHMIGUNG
MARKS APPROVAL**

Aktenzeichen: File ref.: 1276300-1560-0004/161954	Ausweis-Nr.: Approval No.: 40013796	Datum Date 2012-09-19
--	--	------------------------------------

Stecker 2-polig mit Schutzkontakt Plug 2-pole with earthing contact	Ausführung: Construction: abgewinkelte Leitungseinführung angled cable entry	Anlage-Nr.: Appendix No.: 401A
--	---	--

Fertigungsstätte / Place of manufacture:																					
30006550 : C																					
30019097: V																					
Position im VDE-Ausweis	Typ(en) Type(s)	Leitungsaufdruck Marking on cable																			
	SP-023	BAOHING																			
		H03VV-F 3G 0,5 mm² (max. 2 m)	H03VV-F 3G 0,75 mm²	H05VV-F 3G 0,75 mm²	H05VV-F 3G 1,0 mm²	H05VV-F 3G 1,5 mm²	H05RR-F 3G 0,75 mm²	H05RR-F 3G 1,0 mm²	H05RR-F 3G 1,5 mm²	H05RN-F 3G 0,75 mm²	H05RN-F 3G 1,0 mm²	H07RN-F 3G 1,0 mm²	H07RN-F 3G 1,5 mm²	H03RT-H 3G 0,75 mm²	H03RT-H 3G 1,0 mm²	H03V2V2-F 3G 0,75 mm²	H05V2V2-F 3G 0,75 mm²	H05V2V2-F 3G 1,0 mm²	05VA5V-F 3G 0,75 mm²	05VA5V-F 3G 1,0 mm²	(H)05VV-F 3G 0,75 mm²
			X	X	X	X															X

X \triangle genehmigte Ausführung / approved version --- \triangle nicht genehmigt / not approved

Werkstoff der Umspritzung: Material of the moulding:	Typ; Farbe Type; colour	PVC; alle Farben / all colours
Werkstoff der Trägereile: Material of the base:	Typ; Hersteller; Farbe Type; manufacturer; colour	geprüft unter Az.:/ approved under VDE-Ref.: 1518100-1560-0006 PBT; Typ(e): 4830; schwarz/ black Chang Chun Plastics Co., Ltd.
Inneneinsatz: Insert:	Typ; Hersteller Type; manufacturer	Typ(e): 98651A-VDE mit massiven Stiften/ with solid pins GEM Typ(e): SP-023 mit Hohlstiften/ with hollow pins Taller GmbH

VDE Prüf- und Zertifizierungsinstitut GmbH

Diese Anlage gilt nur in Verbindung mit Blatt 1 der Zeichengenehmigung
This Appendix is only valid in conjunction with page 1 of the marks approval

CERTIFICATE

Issued to:
Applicant:

Manufacturer/Licensee:

Product(s) : plugs, (2-pole)
Trade name : I-SHENG
Type/model : SP-023

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard IEC 60884-1:2002 + A2:2006 and NEN 1020:1987 + A2:2004
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 901022

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on 17 August 2012 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2156060.01

DEKRA Certification B.V.



drs. G.J. Zoetbrood
Managing Director



H.R.M. Barends
Certification Manager

© Integral publication of this certificate is allowed

All testing, inspection, auditing and certification activities of the former KEMA Quality are an integral part of the DEKRA Certification Group.

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



SPECIFICATION OF THE CERTIFIED PRODUCT
Product data

product : plugs, (2-pole)
 trade name :
 type : SP-023
 rated current : 16 A
 rated voltage : 250 V~
 earthing : with dual earthing contacts
 design : non-rewirable, angled
 standard sheet : VII
 markings : are shown on the body

Product data - type SP-023

applied flexible cords : H03VV-F 3G0,75 mm²
 H05VV-F 3G0,75, 3G1,0 and 3G1,5 mm²
 H05RR-F 3G0,75, 3G1,0 and 3G1,5 mm²
 H05RN-F 3G0,75 and 3G1,0 mm²
 H07RN-F 3G1,0 and 3G1,5 mm²
 05VA5V-F 3G0,75, 3G1,0 and 3G1,5 mm²
 certification mark : complies with the requirements
 cord termination : crimped connection
 description : body of thermoplastic material as part of a complete or incomplete cord set for class I appliances

Component list type - SP-023

Component	trade name	type/model	approval mark ¹⁾
insert	GEM Terminal Ind. Co., Ltd.	98651A-VDE (solid pins)	*
¹⁾ * indicates a component tested as part of the appliance			

Product data - type SP-023

applied flexible cord : H03VV-F 3G0,75 mm²
 (H)05VV-F 3G0,75 mm²
 H05VV-F 3G0,75 mm²
 H05RN-F 3G0,75 mm²
 05VA5V-F 3G0,75
 certification mark : complies with the specified requirements
 cord termination : crimped connection
 description : body of thermoplastic material as part of a complete or incomplete cord set for class I appliances

Component list type - SP-023

Component	trade name	type/model	approval mark ¹⁾
insert	I-SHENG	SP-023 (non-solid pins)	*
¹⁾ * indicates a component tested as part of the appliance			

Product data - type SP-023

applied flexible cord : H03Z1Z1-F 3G0,75 mm²
H05Z1Z1-F 3G0,75, 3G1,0 and 3G1,5 mm²
certification mark : complies with the specified requirements
cord termination : crimped connection
description : body of halogen free thermoplastic material as part of a complete or incomplete cord set for class I appliances

Component list type - SP-023

Component	trade name	type/model	approval mark ¹⁾
insert	GEM Terminal Ind. Co., Ltd.	98651-VDEF (solid pins)	*
¹⁾ * indicates a component tested as part of the appliance			

TESTS**Test requirements**

IEC 60884-1:2002 + A1:2006

NEN 1020:1987 + A2:2004

Test result

The test results are laid down in DEKRA test file 2156060.01.

Remarks

This certificate replaces our certificate 2144044.02 dated 2011-05-06 and is also partly based on the results of that certificate.

Conclusion

The examination proved that all test requirements were met.

Tested by : T.Cai



Checked by : M.A.R. Bollen

**Factory locations**

LICENCE

No. 18010 replaces No.17122

Issued to:
Applicant:



Licensee:



Product : plugs (2-pole) for household purposes
Trade name(s) :
Type(s)/model(s) : SP-022, SP-023

The product and any acceptable variation thereto is specified in the annex to this licence and the documents therein referred to.

SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 809

SGS CEBEC hereby grants the right to use the CEBEC certification mark

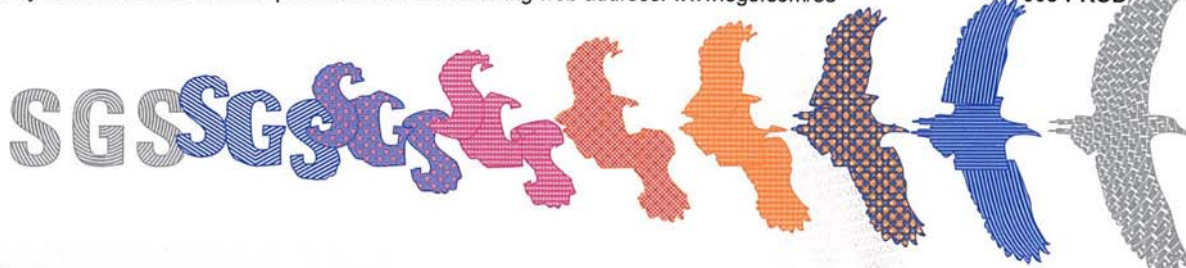
The CEBEC certification mark may be applied to the product as specified in this licence for the duration of the CEBEC certification agreement and under the conditions of the CEBEC certification agreement.

This licence is issued on: 04/09/2012


ir. C. Lana,
Certification Manager

© Only integral publication of this certificate, including the annex, is allowed

This certificate is only valid combined with the publication on the following web address: www.sgs.com/ee



SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	plugs (2-pole) for household purposes
Trade name(s)	:	
Type(s)/Model(s)	:	SP-022, SP-023
rated current (In)	:	16 A
rated voltage (Un)	:	250 V~
class	:	for class I appliances
earthing	:	with dual earthing system
standard sheet	:	VII of CEE7
certification mark	:	complies with the requirements
cord(s) termination	:	crimped connection
description	:	body of thermoplastic material
markings	:	are shown on the body

Additional information

Construction : 05VA5V-F 3G0.75-1 mm² (60227 IEC 53 with shielding of aluminium folio around the cords)
(H)05VV-F 3G0.75 mm² (60227 IEC 53 with one layer overlapping Alu coated synthetic film
and a braid of tinned copper wires over the stranded cores)

Insert material: PBT type 5630E04C, Chang Chun Plastics
PBT+30%GF, type PBT 4830-BK, Chang Chun Plastics
Insert type: 98651-VDEF, GEM, black
C 2680, non solid pin

Moulding if halogen free cable used: TPE, type IS-TPE01, I-sheng Electronics (Kunshan) Co., Ltd., black

Factory identification:

Product data - type SP-022

design	:	non-rewirable straight cable entry
applied flexible cord(s)	:	H03VV-F 3G0.75 mm ² H05VV-F 3G0.75-1.5 mm ² H05RR-F 3G0.75-1.5 mm ²
applied flexible cord(s) (cont'd)	:	H05RN-F 3G0.75-1.0 mm ² H07RN-F 3G1.0-1.5 mm ² 05VA5V-F 3G0.75-1.0 mm ²
applied flexible cord(s) (cont'd II)	:	H03Z1Z1-F 3G0.75 mm ² H05Z1Z1-F 3G0.75-1.5 mm ²

Product data - type SP-023

design	:	non-rewirable angled cable entry
applied flexible cord(s)	:	H03VV-F 3G0.75 mm ² H05VV-F 3G0.75-1.5 mm ² H05RR-F 3G0.75-1.5 mm ²
applied flexible cord(s) (cont'd)	:	H05RN-F 3G0.75-1.0 mm ² H07RN-F 3G1.0-1.5 mm ² 05VA5V-F 3G0.75-1.0 mm ²
applied flexible cord(s) (cont'd II)	:	H03Z1Z1-F 3G0.75 mm ² H05Z1Z1-F 3G0.75-1.5 mm ² (H)05VV-F 3G0.75 mm ²

TESTS

Test requirements

NBN C 61-112-1 based on IEC 60884-1:2002 + A1:2006

Test results

The test results are laid down in certification file ref.595272/01

Remarks


This certificate is based on certificate ref. CB DE1-46923, CB DE1-46927, CB FI 5640, CB DE1-40634, CB FI 3114 A1 and CB NL-24273 and test report(s) ref. 1276300-1560-0013/135952, 1276300-1560-0014/135965, 1276300-1560-0003/106854, 228367-03a and 2156060.50-DCC

Conclusion

The examination proved that all test requirements were met.

Checked by, project leader : Zanutto Luigi - 04/09/2012

Department Manager, :
Product Certification

Certification Manager : 

FACTORY LOCATION(S)

DEMKO CERTIFICATE

Certificate No. D-03473
Page 1/5
Date of Issue 2014-07-17

Certificate Holder

Manufacturer

Production site

See Page 2

Certified Product Model

Plug, non-rewirable
SP-023, with cord 05VA5V-F 3G0,75-1 mm²,
SP-023, with cord H05V2V2-F 3G0,75-1 mm²,
SP-023, with cord (H)05VV-F 3G0,75 mm²,
SP-023, with cord H03V2V2-F 3G0,75 mm², See Page 2

Trademark



Rated Voltage / Frequency
Rated Current / Power
Insulation Class
Degree of protection (IP)
Tested acc. to
Test Report No.
Additional
Expire date

250 V~
16 A
-
20
DS 60884-2-D1:2011
NCS/FI 28342 issued on 2013-12-12
See Page 2, 3 and 4
2018-12-12

Certification Manager

Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com



Appendix DEMKO CERTIFICATE

Certificate No. D-03473
Page 2/5
Date of Issue 2014-07-17

Model Details:

SP-023, with cord H05RN-F 3G0,75-1 mm²,
SP-023, with cord H07RN-F 3G1-1,5 mm²,
SP-023, with cord H03VV-F 3G0,75mm²,
SP-023, with cord H05RR-F 3G0,75-1-1,5 mm²,
SP-023, with cord H05VV-F 3G0,75-1-1,5 mm²
SP-023, with cord H05Z1Z1-F 3G0,75-1-1,5 mm²
SP-023, with cord H03Z1Z1-F 3G0,75 mm²

External Certification Information:

NCS/FI 28342, dated 2013-12-12 issued by SGS Fimko Ltd

Additional Information:

Standard sheet CEE 7 / VII
Standard sheet DIN 49441-R2

This Certificate replaces earlier issued Demko Certificate No. D-03083, issued on 2014-01-06 due to addition of missing cord types.

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com



Appendix DEMKO CERTIFICATE

Certificate No. D-03473
Page 3/5
Date of Issue 2014-07-17

Type of cable:		Cross sectional areas:	Manufacturer:
H05RR-F	3G	0,75/ 1,0/ 1,5 mm ²	
H05RN-F	3G	0,75/ 1,0 mm ²	
H07RN-F	3G	1,0/ 1,5 mm ²	
05VA5V-F	3G	0,75/ 1,0 mm ²	
H03VV-F	3G	0,75 mm ²	
H05VV-F	3G	0,75/ 1,0/ 1,5 mm ²	
(H)05VV-F	3G	0,75 mm ²	
H03VV-F	3G	0,75 mm ²	
H05VV-F	3G	0,75/ 1,0/ 1,5 mm ²	
(H)05VV-F	3G	0,75 mm ²	
H03V2V2-F	3G	0,75 mm ²	
H05V2V2-F	3G	0,75/ 1,0 mm ²	
H05RR-F	3G	0,75/ 1,0/ 1,5 mm ²	
H05RN-F	3G	0,75/ 1,0 mm ²	
H07RN-F	3G	1,0/ 1,5 mm ²	
05VA5V-F	3G	0,75/ 1,0 mm ²	

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com

Appendix DEMKO CERTIFICATE

Certificate No. D-03473
Page 4/5
Date of Issue 2014-07-17

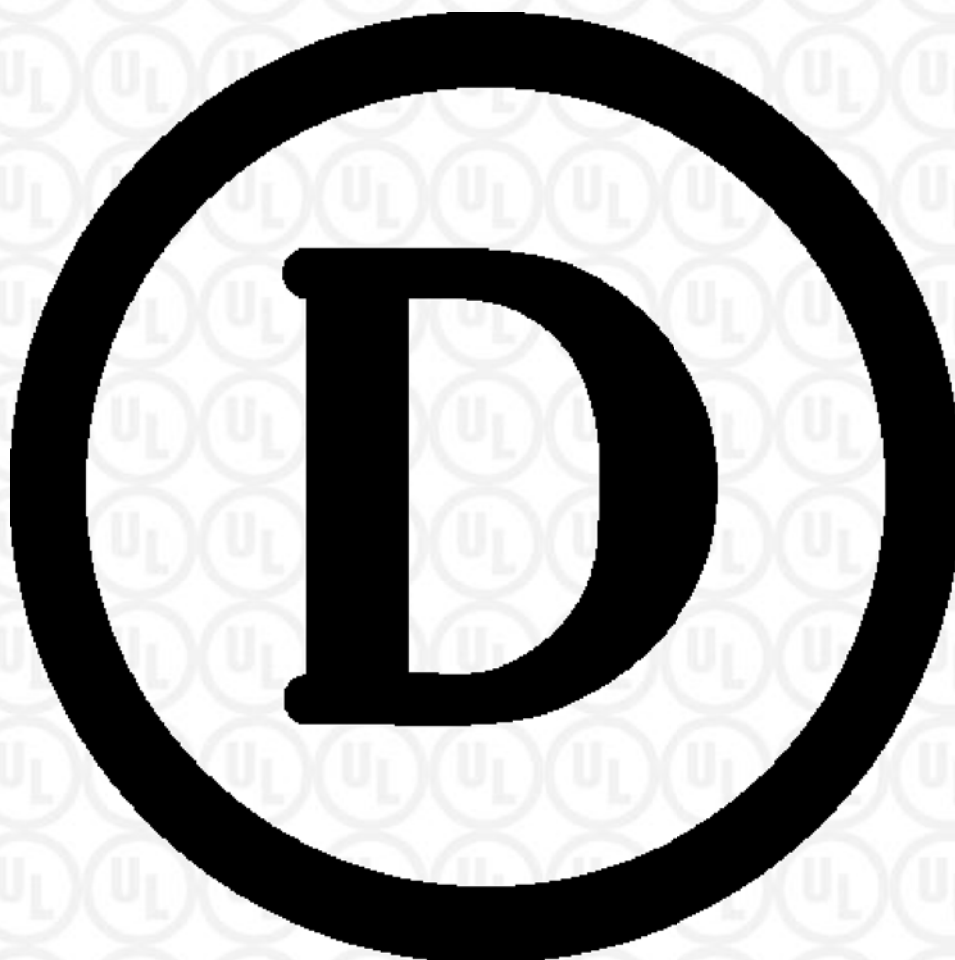
Type of cable:	Cross-section areas:	Manufacture:
H03Z1Z1-F	3G 0.75mm ²	VDE Approval No.: 40024651
H03Z1Z1-F	3G 0.75mm ²	VDE Approval No.: 40024651
H05Z1Z1-F	3G 0.75mm ²	VDE Approval No.: 40024651
H05Z1Z1-F	3G 1.0mm ²	VDE Approval No.: 40024651
H05Z1Z1-F	3G 1.5mm ²	VDE Approval No.: 40024651
H05Z1Z1-F	3G 0.75mm ²	VDE Approval No.:40026441
H05Z1Z1-F	3G 1.0mm ²	VDE Approval No.:40026441
H05Z1Z1-F	3G 1.5mm ²	VDE Approval No.:40026441

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com

Appendix DEMKO CERTIFICATE

Certificate No. D-03473
Page 5/5
Date of Issue 2014-07-17



Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com



Certificate



for European Product Safety

Reference No. 1317061

Plug, non-rewirable

Type designation SP-023

Certificate holder

The product complies with IEC 60884-1:2002 and A1
the standard(s) SS 428 08 34:2004

Date of expiry 5 September 2017

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed


Paul Klemets

Date 18 December 2013
Page 1 of 3



Intertek
Appendix

Reference No. 1317061

Technical data

Type designation	SP-023
Rated voltage (V)	250 V~
Rated current (A)	16 A
IP-Class	20
Type of cord	H05RR-F 3G0.75-1-1.5 mm ² H05RN-F 3G0.75-1 mm ² H07RN-F 3G1-1.5 mm ² H05VV-F 3G0.75-1-1.5 mm ² 05VA5V-F 3G0.75-1 mm ² H03VV-F 3G0.75 mm ² (H)05VV-F 3G0.75 mm ² H03V2V2-F 3G0.75 mm ² H05V2V2-F 3G0.75-1 mm ² H03Z1Z1-F 3G0.75 mm ² H05Z1Z1-F 3G0.75-1-1.5 mm ²
Standard sheet	CEE 7 / VII
Brand name:	

Manufacturing site(s)

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.



Intertek
Appendix

Reference No. 1317061

The certificate applies for countries that have sanctioned the use of plugs/outlets according to subject standard sheet and component standard.

This certificate is based on a certificate with ref. No. NCS/FI 28342 dated 12 December 2013, issued by SGS Fimko Ltd according to the Nordic Certification Service Agreement.

This certificate replaces previously issued ref. No. 1219347 dated 5 September 2012.

Certification Body Intertek Semko AB, Product Certification *Place* Kista - Stockholm

Signed 
Paul Klemets *Date* 18 December 2013

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Product	Plugs
Applicant	
Manufacturer	
Factory	<input checked="" type="checkbox"/> See page 3
Ratings	16A 250V AC
Trade mark	
Model / Type Ref.	SP-023
Principal characteristics	Non-rewirable plug, with cord H03VV-F 3G0.75mm ² . Standard Sheet VII. IP20. <input type="checkbox"/> See next page(s)
A sample of the product was tested and found to be in conformity with	INST NEK-IEC 60884-1:2002;am1 and NEK 502:2006
Replaces	This certificate replaces previous certificate No. P05204542/A1, due to addition of a new model and additional information.
Validity	This certificate documents conformity with the standards shown, and also applies as license for use of Nemkos name and certification mark. The certificate and license is valid as long as the applicable conditions are complied with, and provided that any changes to the product are notified to Nemko for acceptance prior to implementation. New standards or amendments to the standards may imply that the product design must be updated and/or that re-testing and re-certification is necessary.
Additional information	Alternative types: SP-023 SP-023. 05VA5V-F (H05VV-F like with Al tape screen and copper wires around conductors) <input type="checkbox"/> See next page(s)
Additional model(s)	<input checked="" type="checkbox"/> See next page(s)

Date of issue 30-03-2011



Signature

Geir Hørthe

Certification Department

Product	Plugs
Pos. No	1
Model / Type Ref.	SP-023
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug, with cord H03Z1Z1-F 3G0.75mm ² . Standard Sheet VII. IP20.
Product	Plugs
Pos. No	2
Model / Type Ref.	SP-023
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug, with cord H05VV-F 3G0.75-1.5mm ² . Standard Sheet VII. IP20.
Product	Plugs
Pos. No	3
Model / Type Ref.	SP-023
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug, with cord H05RR-F 3G0.75-1.5mm ² . Standard Sheet VII. IP20.
Product	Plugs
Pos. No	4
Model / Type Ref.	SP-023
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug, with cord H05RN-F 3G0.75-1mm ² . Standard Sheet VII. IP20.

Date of issue 30-03-2011



Signature

Geir Hørthe

Certification Department

Product	Plugs
Pos. No	5
Model / Type Ref.	SP-023
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug, with cord H07RN-F 3G1-1.5mm ² . Standard Sheet VII. IP20.
Product	Plugs
Pos. No	6
Model / Type Ref.	SP-023
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug, with cord 05VA5V-F 3G0.75-1mm ² . Standard Sheet VII. IP20.
Product	Plugs
Pos. No	7
Model / Type Ref.	SP-023
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug, with cord H05Z1Z1-F 3G0.75-1.5mm ² . Standard Sheet VII. IP20.

Factories:

Date of issue 30-03-2011



Signature

Geir Hørthe

Certification Department

SGS



CERTIFICATE NCS/FI 28342

Our Ref. 274477

Product Plug, non-rewirable

Type SP-023, with cord H05RR-F 3G0,75-1-1,5
SP-023, with cord H05RN-F 3G0,75-1
SP-023, with cord H07RN-F 3G1-1,5
SP-023, with cord H05VV-F 3G0,75-1-1,5
SP-023, with cord 05VA5V-F 3G0,75-1
SP-023, with cord H03VV-F 3G0,75
SP-023, with cord (H)05VV-F 3G0,75
SP-023, with cord H03V2V2-F 3G0,75
SP-023, with cord H05V2V2-F 3G0,75-1
SP-023, with cord H03Z1Z1-F 3G0,75
SP-023, with cord H05Z1Z1-F 3G0,75-1-1,5

Trade mark

Certificate Holder

Manufacturer

Technical information 16 A, 250 V~, IP20

Other information Standard sheet CEE 7 / VII
Standard sheet DIN 49441-R2

The product is certified according to the following standard(s) IEC 60884-1:2002 (Ed 3) + A1:2006
SFS 5610:2004 + A1:2008

Validity This certificate is valid until 12 December 2018 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. This certificate includes the right to use the FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for FI certification are met.

Date of issue 12 December 2013

SGS Fimko Ltd

Signature

Sixten Lökfors
Project Manager



This certificate has 2 appendix



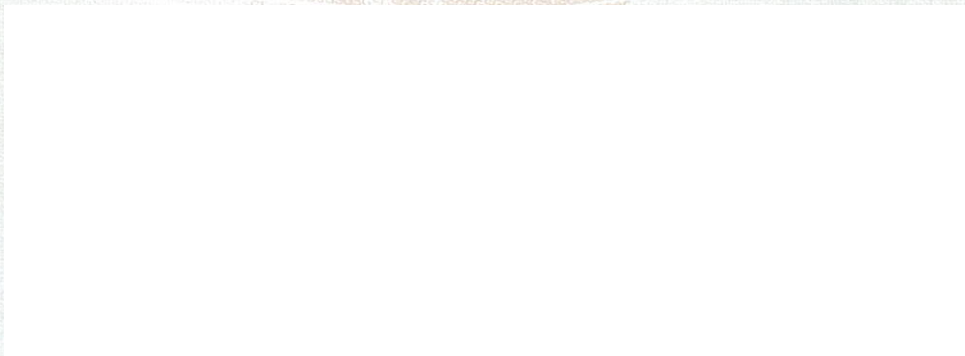
This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SGS Fimko Ltd.

Särkiniementie 3 P.O.Box 30 FI-00211 Helsinki, Finland
t. +358 9 696 361 f. +358 9 692 5474 www.sgs.fi

Business ID 0978538-5

Member of the SGS Group (SGS SA)

Manufacturing site(s)

Additional information

The product has certificate DE1-50936 issued by VDE Testing and Certification Institute in accordance with the CB system.

This certificate replaces previous NCS FI certificate No 24890 A2, dated 21 August 2012.

Type of cable:		Cross sectional areas:	Manufacturer:
H05RR-F	3G	0,75/ 1,0/ 1,5 mm ²	I-SHENG KSIS <VDE>
H05RN-F	3G	0,75/ 1,0 mm ²	I-SHENG KSIS <VDE>
H07RN-F	3G	1,0 / 1,5 mm ²	I-SHENG KSIS <VDE>
05VA5V-F	3G	0,75/ 1,0 mm ²	I-SHENG VDE-Reg.-Nr. 9825

H03VV-F	3G	0,75 mm ²	I-SHENG SGIS <VDE>
H05VV-F	3G	0,75/ 1,0/ 1,5 mm ²	I-SHENG SGIS <VDE>
(H)05VV-F	3G	0,75 mm ²	BAOHING <VDE>

H03VV-F	3G	0,75 mm ²	I-SHENG KSIS <VDE>
H05VV-F	3G	0,75/ 1,0/ 1,5 mm ²	I-SHENG KSIS <VDE>

Type of cable:		Cross sectional areas:	Manufacturer:
H03V2V2-F	3G	0,75 mm ²	I-SHENG SGIS <VDE>
H05V2V2-F	3G	0,75/ 1,0 mm ²	I-SHENG SGIS <VDE>
H05RR-F	3G	0,75/ 1,0/ 1,5 mm ²	I-SHENG KSIS <VDE>
H05RN-F	3G	0,75/ 1,0 mm ²	I-SHENG KSIS <VDE>
H07RN-F	3G	1,0 / 1,5 mm ²	I-SHENG KSIS <VDE>
05VA5V-F	3G	0,75/ 1,0 mm ²	I-SHENG VDE-Reg.-Nr. 9825

Type of cable:	Cross-section areas:	Manufacture:
H03Z1Z1-F	3G 0.75mm ²	I-Sheng Electronics (Kunshan) Co., Ltd. marked : I-SHENG K SIS VDE Approval No.: 40024651
H03Z1Z1-F	3G 0.75mm ²	I-Sheng Electronics (Kunshan) Co., Ltd. marked : I-SHENG K SIS VDE Approval No.: 40024651
H05Z1Z1-F	3G 0.75mm ²	I-Sheng Electronics (Kunshan) Co., Ltd. marked : I-SHENG K SIS VDE Approval No.: 40024651
H05Z1Z1-F	3G 1.0mm ²	I-Sheng Electronics (Kunshan) Co., Ltd. marked : I-SHENG K SIS VDE Approval No.: 40024651
H05Z1Z1-F	3G 1.5mm ²	I-Sheng Electronics (Kunshan) Co., Ltd. marked : I-SHENG K SIS VDE Approval No.: 40024651
H05Z1Z1-F	3G 0.75mm ²	I-Sheng Mfg (Song Gang) Factory marked : I-SHENG S GIS VDE Approval No.: 40026441
H05Z1Z1-F	3G 1.0mm ²	I-Sheng Mfg (Song Gang) Factory marked : I-SHENG S GIS VDE Approval No.: 40026441
H05Z1Z1-F	3G 1.5mm ²	I-Sheng Mfg (Song Gang) Factory marked : I-SHENG S GIS VDE Approval No.: 40026441

Our ref.

274477-1



ÖVE-CERTIFICATE

including the entitlement to use the Austrian Safety Mark



Certificate No.: **8556-003-13**

Valid from: 2015 10 27
until: 2017 10 27

The Austrian Electrotechnical Association (OVE) hereby grants the right to the company mentioned below to label the listed products with the Austrian Safety Mark.

Company:

Product: **Non rewirable two pole plug with dual earthing system**

Basis for this given right is the conformity of the products with the requirements of the technical standards listed in this certificate as stated in the file(s) Ref.-No(s). **2936, 2768, 2547, 2148, 1942, 1065-723/99-NA1/N1.**

This certificate establishes the conformity of the tested specimen and of all products manufactured strictly identical to the submitted one.

Österreichischer Verband für Elektrotechnik
Head of Testing & Certification



Digitally signed by W. Martin
Email=w.martin@ove.at

Vienna, 2015 08 18

Dipl.-Ing. W. Martin

OVE - Testing & Certification

Accredited by the Federal Ministry of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwfw.gv.at/accreditation





Österreichischer Verband
für Elektrotechnik

Certificate No.: 8556-003-13
Date: 2015 08 18
Page 2 of 5

Manufacturer:

Factory location(s):

Tested and certified according to:

ÖVE/ÖNORM IEC 60884-1:2005-09-01
ÖVE/ÖNORM E 8684-1:2010-03-01

Product: Non rewirable two pole plug with dual earthing system

Type designation:

Rating:

Trademark:

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H03VV-F 3 G 0,75

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05VV-F 3 G 0,75

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05VV-F 3 G 1

OVE - Testing & Certification

Accredited by the Federal Ministry of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwf.gv.at/accreditation





SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05VV-F 3 G 1,5

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05RR-F 3 G 0,75

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05RR-F 3 G 1

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05RR-F 3 G 1,5

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05RN-F 3 G 0,75

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05RN-F 3 G 1

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
05VA5A-F 3 G 0,75

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
05VA5A-F 3 G 1

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05Z1Z1-F 3 G 0,75

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05Z1Z1-F 3 G 1

SP-022

Rated voltage: AC 250 V
Rated current: 16 A
H05Z1Z1-F 3 G 1,5

OVE - Testing & Certification

Accredited by the Federal Ministry of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwf.gv.at/accreditation





SP-022

Rated voltage: AC 250 V

Rated current: 16 A

H07RN-F 3 G 1

SP-022

Rated voltage: AC 250 V

Rated current: 16 A

H07RN-F 3 G 1,5

SP-022

Rated voltage: AC 250 V

Rated current: 16 A

H03Z1Z1-F 3 G 0,75

SP-023

Rated voltage: AC 250 V

Rated current: 16 A

H03VV-F 3 G 0,75

SP-023

Rated voltage: AC 250 V

Rated current: 16 A

H05VV-F 3 G 0,75

SP-023

Rated voltage: AC 250 V

Rated current: 16 A

H05VV-F 3 G 1

SP-023

Rated voltage: AC 250 V

Rated current: 16 A

H05VV-F 3 G 1,5

SP-023

Rated voltage: AC 250 V

Rated current: 16 A

H05RR-F 3 G 0,75

SP-023

Rated voltage: AC 250 V

Rated current: 16 A

H05RR-F 3 G 1

SP-023

Rated voltage: AC 250 V

Rated current: 16 A

H05RR-F 3 G 1,5

SP-023

Rated voltage: AC 250 V

Rated current: 16 A

H05RN-F 3 G 0,75

OVE - Testing & Certification

Accredited by the Federal Ministry of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwf.gv.at/accreditation





SP-023

Rated voltage: AC 250 V
Rated current: 16 A
H05RN-F 3 G 1

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
05VA5A-F 3 G 0,75

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
05VA5A-F 3 G 1

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
H05Z1Z1-F 3 G 0,75

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
H05Z1Z1-F 3 G 1

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
H05Z1Z1-F 3 G 1,5

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
H07RN-F 3 G 1

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
H07RN-F 3 G 1,5

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
H03Z1Z1-F 3 G 0,75

SP-023

Rated voltage: AC 250 V
Rated current: 16 A
(H)05VV-F 3G0,75

PTD:

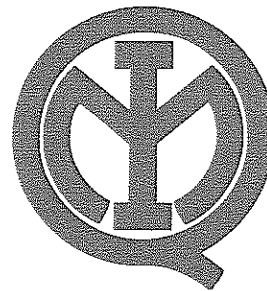
02113100

CID:

C.1993.495

Certificato di approvazione*Approval certificate***IMQ, ente di certificazione accreditato,
autorizza la ditta***IMQ, accredited certification body, grants to***all'uso del marchio***the licence to use the mark***IMQ**

Il presente certificato è
soggetto alle condizioni
previste nel "Regolamento
IMQ - Certificazione
prodotto" ed è relativo ai
prodotti descritti
nell'Allegato al presente
certificato.

**per i seguenti prodotti****Spine indissolubilmente
collegate al cavo
(Rif. di tipo SP-023)***for the following products**Non-rewirable plugs
(Type ref. SP-023)*

*This certificate is subjected to
the conditions foreseen by "IMQ
Rules - Product Certification"
and is relevant to the products
listed in the annex to this
certificate.*

Emesso il / Issued on:

1989-02-27

Data di aggiornamento / Updated on

2009-05-13

Sostituisce / Replaces

2008-01-16
IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 1989-02-27
Data di aggiornamento / Updated on 2009-05-13
Sostituisce / Replaces 2008-01-16

Prodotto | Product

Spine indissolubilmente collegate al cavo
Non-rewirable plugs

Concessionario | Licence Holder

Marchio | Mark



IMQ

Costruito a | Manufactured at

98001046	CLISHE.CO2LCISHE+2	JIANG SU PROVINCE	China
98001045	CLISHE.CO2LCISHE+1	SHENZHEN GUANGDONG	China
95002261	CLISHE.CO1LCISHE.C	TAO YUANG HSIEN, TAIWAN	Taiwan
PI.J00091	C02702551	Bac Ninh Province	Viet Nam

Copia del presente certificato deve essere conservata presso i luoghi di produzione sopra elencati.

Copy of this certificate must be available at the manufacturing places listed above

Norme

CEI 23-50 - II Ed. 2007 + V1:2008

Standards

CEI 23-50 - II Ed. 2007 + V1:2008

Rapporti | Test Reports

26LJ00020

Caratteristiche tecniche | Technical characteristics

<i>Designazione / Type designation</i>	2P+T+T S31 / 2P+E+E S31
<i>Tensione nominale / Rated voltage</i>	250 V
<i>Corrente nominale / Rated current</i>	16 A
<i>Grado di protezione / Degree of protection (IP)</i>	IP20
<i>Tipo di morsetti / Type of terminals</i>	morsetti aggraffati / crimped connections
<i>Materiale della custodia / Material of the cover</i>	termoplastico / thermoplastic
<i>Uscita cavo / Cable exit</i>	a squadra / angled

Articoli (con dettagli) | Articles (with details)

DAT94004217.1

<i>Marca / Trade mark</i>	
<i>Riferimento di tipo / Type reference</i>	SP-023
<i>Tipo di cavo / Type of cable</i>	H03VV-F
<i>Sezione nominale / Section areas</i>	3G0,75 mm²

DAT94004217.2

<i>Marca / Trade mark</i>	
<i>Riferimento di tipo / Type reference</i>	SP-023
<i>Tipo di cavo / Type of cable</i>	H05VV-F
<i>Sezione nominale / Section areas</i>	3G0,75 mm²

DAT94004217.3

Marca / Trade mark

Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H05VV-F**
Sezione nominale | Section areas **3G1,00 mm²**

DAT94004217,4

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H05VV-F**
Sezione nominale | Section areas **3G1,50 mm²**

AR.F00115

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H05RR-F**
Sezione nominale | Section areas **3G0,75 mm²**

AR.F00116

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H05RR-F**
Sezione nominale | Section areas **3G1,00 mm²**

AR.F00117

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H05RR-F**
Sezione nominale | Section areas **3G1,50 mm²**

AR.F00118

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H05RN-F**
Sezione nominale | Section areas **3G0,75 mm²**

AR.F00119

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H05RN-F**
Sezione nominale | Section areas **3G1,00 mm²**

AR.F0011A

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H07RN-F**
Sezione nominale | Section areas **3G1,00 mm²**

AR.F0011B

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H07RN-F**
Sezione nominale | Section areas **3G1,50 mm²**

AR.H00E80

Marca | Trade mark
Riferimento di tipo | Type reference **SP 023**
Tipo di cavo | Type of cable **05VA5V-F**
Sezione nominale | Section areas **3G0,75mm²**

AR.H00E8P

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **05VA5V-F**
Sezione nominale | Section areas **3G1,00 mm²**

AR.J003NO

Marca | Trade mark
Riferimento di tipo | Type reference **SP-023**
Tipo di cavo | Type of cable **H05Z1Z1-F**

Sezione nominale / Section areas **3G0,75 mm²**

AR.J003NP

Marca / Trade mark

Riferimento di tipo / Type reference **SP-023**

Tipo di cavo / Type of cable **H05Z1Z1-F**

Sezione nominale / Section areas **3G1,00 mm²**

AR.J003NR

Marca / Trade mark

Riferimento di tipo / Type reference **SP-023**

Tipo di cavo / Type of cable **H05Z1Z1-F**

Sezione nominale / Section areas **3G1,50 mm²**

Ulteriori informazioni | Additional Information

Le spine sono marcate con il seguente suffisso aggiuntivo che identifica il luogo di produzione:

C =
K =
V =
- =

La spina rif. di tipo SP-023 è prodotta con il seguente inserto:
Marca GEM, art. 98651A, colore nero.

The plugs are marked with the following additional suffix which identifies the manufacturing location:

C =
K =
V =
- =

The non-rewirable plug type ref. SP-023 is manufactured with the following insert:
Trade mark GEM, art. 98651A, color black

Componenti | Component List

Type ref. SP-023

Tipo / Type	(*)	Costruttore / Manufacturer	Riferimento / Type Ref.	Dati / Data	Norme / Standard (*)	Marchi / Marks
Cavo / Cable	2/4	I-SHENG		H03VV-F, H05VV-F	-	FIMKO
Cavo / Cable	2/4	I-SHENG		H05RR-F, H05RN-F, H07RN-F	-	USE HAR
Cavo / Cable	2/4	WONDERFUL YT		H05RN-F	-	FIMKO
Cavo / Cable	2/4	WONDERFUL YT		H07RN-F	-	OVE
Cavo / Cable	2/4	I-SHENG		05VA5V-F	-	FIMKO
Cavo / Cable	2/4	I-SHENG		H05Z1Z1-F	-	VDE

Emesso il / Issued on

Data di aggiornamento / Updated on

Sostituisce / Replaces

Ciascun componente è contraddistinto da un numero avente il seguente significato:

- 1 - Componente marchiato e sostituibile con altro pure marchiato con caratteristiche equivalenti
- 2 - Componente sostituibile solo previa autorizzazione dell'IMQ
- 3 - Componente (integrato nell'apparecchio utilizzatore) provato congiuntamente all'apparecchio utilizzatore
- 4 - Componente in alternativa
- 5 - Componente per uso opzionale
- 6 - Componente da abbinare

Each component is signed by a number having the following meaning:

- 1 - Approved component replaceable with another one also approved with equivalent characteristics
- 2 - Component replaceable with IMQ authorization only
- 3 - Integrated component tested together with appliances
- 4 - Alternative component
- 5 - Component for optional use
- 6 - Component to be matched

(*) Queste colonne sono compilate a cura di IMQ / These columns are filled in by IMQ



INSIEME PER LA QUALITA' E LA SICUREZZA

IMQ S.p.A.
I-20138 Milano - via Quintiliano, 43
tel. 0250731(r.a.) - fax 0250991500
e-mail: info@imq.it - www.imq.it

Rea Milano 1595884
Registro Imprese MI 12898410159
C.F./P.I. 12898410159
Capitale Sociale € 4.000.000

E5302

DAT94004217

Diritti di concessione | Annual Fees

DAT94004217 BTJ.021100.DA19

Diritti modelli IMQ - 0211 - Prese, spine e connettori di uso domestico | IMQ models - 0211 - Plugs and appliance couplers for domestic purposes

4

IMQ S.p.A.



LCIE

Accréditation
N°5-0014
Portée
disponible sur
www.cofrac.fr



LICENCE



LCIE N° 608922

Délivrée à:
Delivered to:

Site de fabrication:
Factory:

Produit: *Product:* Fiche de prise de courant
Plug

Marque commerciale (s'il y a lieu):
Trade mark (if any):

Modèle, type, référence: *Model, type, reference:* SP-022, SP-023

Caractéristiques nominales et principales:
Rating and principal characteristics: 16A, 250V~, 2P+2T/2P+2E

Informations complémentaires:
Additional informations: Voir annexe 2 / *See annex 2*
Mise à jour suite à l'évolution de la norme / *Update further to the evolution of the standard*

Le produit est conforme à:
The product is in conformity with: NF C 61-314:2008 +A1:2010

Documents pris en compte:
Relevant documents: Certificats d'essai OC / CB test certificates n° DE1- 46923 / TR n° 1276300-1560-0013/135952, DE1-46927 / TR 1276300-1560-0014/ 135965

Annule et remplace (s'il y a lieu):
Cancels and replaces (if necessary): Licence n° 583329 du 2009-04-21

En vertu de la présente décision notifiée par le LCIE France organisme mandaté, AFNOR Certification accorde le droit d'usage de la Marque NF à la société qui en est titulaire pour les produits visés ci-dessus, dans les conditions définies par les règles générales de la Marque NF et par les règles de certification NF, pour autant que les contrôles réguliers de la fabrication et les vérifications par tierce partie soient satisfaisants.

On the strength of the present decision notified by LCIE France mandated certification body, AFNOR Certification grants the right to use the NF Mark to the licence holder for the above mentioned products, within the frame of the general rules of the NF Mark and of the NF certification rules, as far as the regular checking and third party verifications of the production are satisfactory.

Fontenay-aux-Roses, 2011-03-10

Rémi HANOT
Responsable de Certification
Certification Officer

Date limite de validité :
Limit expired date :

La validité de la présente licence cesse dès l'annulation de l'une des normes sur laquelle elle est fondée.
The present licence is valid until the cancellation of one of the standards on which it is based.



Annexe 1 : Liste des sites de fabrication
Annex 1 : List of the Factories

Site de fabrication :
Factory :





ANNEXE / ANNEX 2 - LCIE N°608922

L C I E

CARACTÉRISTIQUES NOMINALES ET PRINCIPALES RATING AND PRINCIPAL CHARACTERISTICS

CLASSIFICATION

Feuille de norme <i>Standard Sheet</i>	V
Courant nominal / <i>Rated current (A)</i> Tension nominale / <i>Rated voltage (V)</i>	16A 250V
Degré de protection <i>Degree of protection</i>	IP20
Présence de contact de terre <i>Provision for earthing</i>	Avec double contact de terre <i>With dual earthing contact</i>
Procédé de raccordement du câble <i>Method of connecting the cable</i>	Non démontable <i>Non-rewirable</i>
Type de connexion <i>Type of connections</i>	Sertie <i>Crimped</i>
Classe du matériel <i>Class of equipment</i>	I
Couleur / <i>Colour</i>	Noir, gris. <i>Black, grey</i>
Entrée de câble <i>Cable entry</i>	Longitudinale (SP-022) / Latérale (SP-23) <i>Longitudinal (SP-022) / Lateral (SP-23)</i>

Composants <i>Components</i>	Modèle <i>Model</i>	Fabricant <i>Manufacturer</i>	Conformité <i>Conformity</i>
Câble <i>Cable</i>	H03VV-F 3G0,75		NF USE
	H05VV-F 3G0,75 / 1 / 1,5		NF USE
	H05RR-F 3G0,75 / 1 / 1,5		VDE
	H05RN-F 3G0,75		VDE
	H05RN-F 3G1		SGS FIMKO
	H07RN-F 3G1		OVE
	H07RN-F 3G1,5		USE HAR
	H03Z1Z1-F 3G0,75		VDE
	H05Z1Z1-F 3G0,75 / 1 / 1,5		VDE



ZEICHENGENEHMIGUNG MARKS APPROVAL

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

Gerätesteckdose, nicht-wiederanschließbar
Connector, non-rewirable

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.



Gepprüft und zertifiziert nach /
Tested and certified according to

DIN EN 60320-1 (VDE 0625-1):2008-05; EN 60320-1:2001 + A1:2007



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

Dr. Schipper

VDE Zertifikate sind nur gültig bei Veröffentlichung unter:
VDE certificates are valid only when published on:

Aktenzeichen: 1276300-1550-0806 / 118497

File ref.:

Ausweis-Nr. 40014827

Blatt 1

Certificate No.

Page

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

Offenbach, 2005-07-22

(letzte Änderung/updated 2010-02-16)

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

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

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

Aktenzeichen / *File ref.*
1276300-1550-0806 / 118497 / FG31 / E

letzte Änderung / *updated* Datum / *Date*
2010-02-16 2005-07-22

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40014827.
This supplement is only valid in conjunction with page 1 of the Certificate No. 40014827.

Gerätesteckdose, nicht-wiederanschließbar
Connector, non-rewirable

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

IS-19

Bemessungsspannung AC 250 V
Rated voltage

Bemessungsstrom 10 A
Rated current

Polzahl 2-polig mit Schutzkontakt
Number of poles 2-pole with earthing contact

Bauart Normblatt C15
Kind of construction standard sheet C15

Kennzeichnung der 30006550: "C"
Fertigungsstätte(n) 30006554: "K"
Marking of manufacturingplace(s)

Produktinformation siehe Anlage Nr. 300 + 900
Product information see Appendix No. 300 + 900

PAK Das Produkt entspricht den Anforderungen gemäß PAK-Dokument
ZEK 01.2-08.

PAH *The product is in accordance with the requirements of
PAH-document ZEK 01.2-08.*

Fortsetzung siehe Blatt 3 /
continued on page 3

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

Aktenzeichen / *File ref.*

1276300-1550-0806 / 118497 / FG31 / E

letzte Änderung / *updated* Datum / *Date*

2010-02-16 2005-07-22

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40014827.
This supplement is only valid in conjunction with page 1 of the Certificate No. 40014827.

Dieser Zeichengenehmigungs-Ausweis bildet die Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den Schutzanforderungen der **EG-Niederspannungsrichtlinie 2006/95/EG** mit ihren Änderungen.
*This Marks Approval is the basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and shows the conformity with the safety requirements of the **EC Low-Voltage Directive 2006/95/EC** including amendments.*

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet FG31
Section FG31

VDE Prüf- und Zertifizierungsinstitut
Zeichengenehmigung

Ausweis-Nr. / Beiblatt /
Certificate No. Supplement
40014827

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

Aktenzeichen / *File ref.*

1276300-1550-0806 / 118497 / FG31 / E

letzte Änderung / *updated* Datum / *Date*

2010-02-16

2005-07-22

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40014827.
This supplement is part of the Certificate No. 40014827.

Gerätesteckdose, nicht-wiederanschließbar
Connector, non-rewirable

Fertigungsstätte(n)

Place(s) of manufacture

Referenz/*Reference*

30006550

Referenz/*Reference*

30006554

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet FG31
Section FG31

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

Aktenzeichen / *File ref.*

1276300-1550-0806 / 118497 / FG31 / E

letzte Änderung / *updated* Datum / *Date*

2010-02-16

2005-07-22

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40014827.
This supplement is only valid in conjunction with page 1 of the Certificate No. 40014827.

Genehmigung zum Benutzen des auf Seite 1 abgebildeten markenrechtlich geschützten Zeichens des VDE:

Grundlage für die Benutzung sind die Allgemeinen Geschäftsbedingungen (AGB) des VDE Prüf- und Zertifizierungsinstitut GmbH. Das Recht zur Benutzung erstreckt sich nur auf die bezeichnete Firma mit den genannten Fertigungsstätten und die oben aufgeführten Produkte mit den zugeordneten Bezeichnungen. Die Fertigungsstätte muss so eingerichtet sein, dass eine gleichmäßige Herstellung der geprüften und zertifizierten Ausführung gewährleistet ist.

Die Genehmigung ist so lange gültig wie die VDE-Bestimmungen gelten, die der Zertifizierung zugrunde gelegen haben, sofern sie nicht auf Grund anderer Bedingungen aus der Prüf- und Zertifizierungsordnung (PM102) zurückgezogen werden muss.

Der Gültigkeitszeitraum einer VDE-GS-Zeichengenehmigung kann auf Antrag verlängert werden. Bei gesetzlichen und / oder normativen Änderungen kann die VDE-GS-Zeichengenehmigung ihre Gültigkeit zu einem früheren als dem angegebenen Datum verlieren.

Der VDE-Zeichengenehmigungsausweis wird ausschließlich auf der ersten Seite unterzeichnet.

Approval to use the legally protected Mark of the VDE as shown on the first page:

Basis for the use are the general terms and conditions of the VDE Testing and Certification Institute. The right to use the mark is granted only to the mentioned company with the named places of manufacture and the listed products with the related type references. The place of manufacture shall be equipped in a way that a constant manufacturing of the certified construction is assured.

The approval is valid as long as the VDE specifications are in force, on which the certification is based on, unless it is withdrawn according to other provisions of the Testing and Certification Procedure (PM102).


The validity period of a VDE-GS-Mark Approval may be prolonged on request. In case of changes in legal and / or normative requirements, the validity period of a VDE-GS-Mark Approval may be shortened.

The approval is solely signed on the first page

Aktenzeichen: **1276300-1550-0806/118497** Ausweis-Nr.: **40014827** Anlage Nr.: **300** Seite: **1 / 1** Datum: **2010-02-16**
 File reference: Certificate No.: Appendix No.: Page: Date:

Diese Anlage ist Bestandteil des Genehmigungsausweises. This appendix is part of the certificate.

Gerätesteckdose, nicht-wiederanschließbar zentrale Leitungseinführung
Connector, non-rewirable straight cable entry


Fertigungsstätte / Place of manufacture:	30006550 : Kennzeichnung / Identification : 
	30006554 : Kennzeichnung / Identification : 

Werkstoff der Umspritzung: <i>Type; Farbe</i> <i>Material of the moulding:</i>	PVC; alle Farben / all colours
Werkstoff der Trägereile: <i>Type; Hersteller; Farbe</i> <i>Material of the base:</i>	NYLON66; type 6310; NAN YA , weiß / white
Inneneinsatz: <i>Type; Hersteller</i> <i>Insert:</i>	---

1	Position im VDE-Ausweis <i>Position in VDE-licence</i>	X Δ genehmigte Ausführung / approved version	---	Δ nicht genehmigt / not approved	---	---	---	---	---																									
	Leitungsaufdruck <i>Marking on cable</i>	H05VV-F 3G 0,75 mm ² (max. 2 m)	---	H05VV-F 3G 1,0 mm ²	---	H05VV-F 3G 1,5 mm ²	---	H05RR-F 3G 1,0 mm ²	X	H05RR-F 3G 1,5 mm ²	X	H05RN-F 3G 0,75 mm ² (max. 2 m)	---	H05RN-F 3G 1,0 mm ²	---	H03RT-H 3G 0,75 mm ² (max. 2 m)	---	H03RT-H 3G 1,0 mm ²	---	H05V2V2-F 3G 0,75 mm ² (max. 2 m)	---	H05V2V2-F 3G 1,0 mm ²	---	---	---	---	---	---	---	---	---	---	---	---

CERTIFICATE

KEMA No.: **2089703.01**Issued to:
Applicant:

Product(s) : appliance connectors; (2-pole)
Trade name(s) : 
Type(s)/model(s) : IS-19, IS-19L

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60320-1:2001
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 901022

KEMA hereby grants the right to use the KEMA-KEUR certification mark.

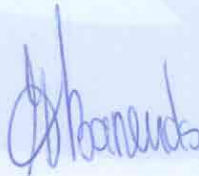
The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: January 20, 2006 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.



P. Nabuurs
Managing director



H.R.M. Barends
Certification Manager

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



© Integral publication of this certificate is allowed

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	:	appliance connectors; (2-pole)
trade name	:	
type	:	IS-19, IS-19L
rated current	:	10 A
rated voltage	:	250 V~
standard sheet	:	C15
temperature limit	:	T120
earthing	:	with earthing contact
design	:	non-rewirable
applied flexible cord(s)	:	H05RR-F 3G0,75, 3G1,0 and 3G1,5 mm ² H05RN-F 3G0,75 and 3G1,0 mm ²
certification mark	:	complies with the specified requirements
cord(s) termination	:	crimped connection
description	:	body of thermoplastic material as part of an incomplete cord set for class I appliances
markings	:	are shown on the body

Product data – type IS-19

design	:	straight
--------	---	----------

Product data – type IS-19L

design	:	angled
--------	---	--------

TESTS**Test requirements**

EN 60320-1:2001

Test result

The test results are laid down in KEMA test file 2089703.01.

Remarks

This certificate replaces our certificate 2037681.01 dated 2004-01-08 and is also based on the FIMKO CB Test Certificates FI 3132 and FI 3133

Conclusion

The examination proved that all test requirements were met.

Tested by : FIMKO

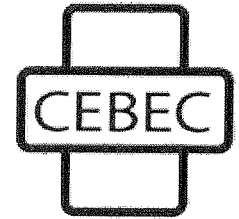
Checked by : H.R.M. Barends 

Factory-Locations

LICENCE

No. 16452 replaces No.13117

Issued to:
Applicant:



Licensee:

Product : connectors (2-pole) for class I appliances
Trade name(s) : I-SHENG
Type(s)/model(s) : IS-19

The product and any acceptable variation thereto is specified in the annex to this licence and the documents therein referred to.

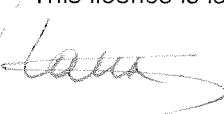
SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard specified in annex
- an inspection of the production location
- a certification agreement with the number 809

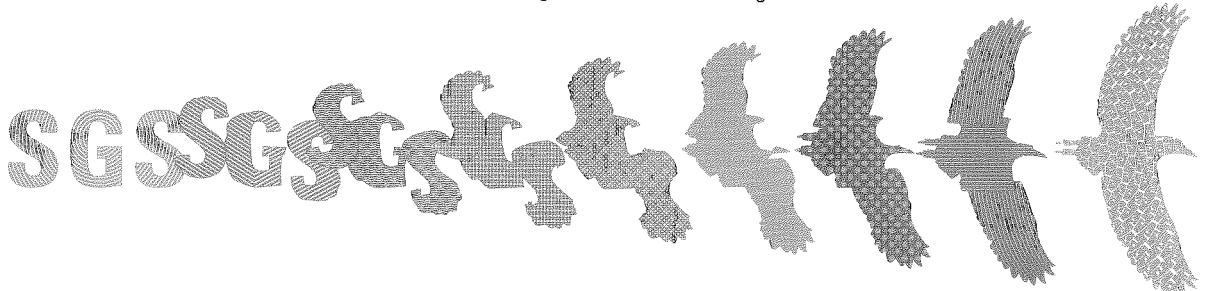
SGS CEBEC hereby grants the right to use the CEBEC certification mark

The CEBEC certification mark may be applied to the product as specified in this licence for the duration of the CEBEC certification agreement and under the conditions of the CEBEC certification agreement.

This licence is issued on: 04/01/2010


Ir. C. Lana,
Certification Manager

© Only integral publication of this certificate, including the annex, is allowed
This certificate is only valid combined with the publication on the following web address: www.sgs.com/ee



SGS Belgium NV-Division SGS CEBEC
Business Riverside Park
Bld internationalelaan 55 Build. D
B-1070 Brussels
Tel.+32(0)2 556 00 20 Fax.+32(0)2 556 00 36

This certificate is issued by the company under its General Conditions for Certification Services accessible at http://www.sgs.com/terms_and_conditions.htm. Attention is drawn to the limitations of liability defined therein and in the Test Report herein mentioned which findings are reflected in this Certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

Product	:	connectors (2-pole) for class I appliances
Trade name(s)	:	
Type(s)/Model(s)	:	IS-19
rated current (In)	:	10 A
rated voltage (Un)	:	250 Vac
standard sheet	:	C15
earthing	:	with earthing contact
temperature limit (t max)	:	cold conditions
design	:	non-rewirable straight cable entry
applied flexible cord(s)	:	H05 RR-F 3G0.75-1,0-1,5 mm ² H05 RN-F 3G0.75-1,0 mm ²
certification mark	:	complies with the requirements
cord(s) termination	:	crimped connection
description	:	body of thermoplastic material
markings	:	are shown on the body

TESTS

Test requirements

NBN EN 60320-1 based on EN 60320-1:2001 + A1:2007

Test results

The test results are laid down in certification file ref.586778/02

Remarks

This certificate is based on certificate ref. CB FI 5898 and test report(s) ref. 255899-2

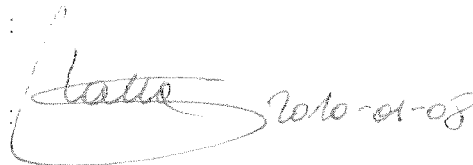
Conclusion

The examination proved that all test requirements were met.

Checked by, project leader : Zanutto Luigi - 04/01/2010

Department Manager,
Product Certification :

Certification Manager

A handwritten signature in black ink, followed by the date '2010-01-08' written in a similar cursive style.

FACTORY LOCATION(S)

DEMKO CERTIFICATE

Certificate No. D-03746
Page 1/3
Date of Issue 2014-11-10

Certificate Holder

Manufacturer

Production site

See Page 2

Certified Product Model Connector, non-rewirable
IS-19, with cord H05RR-F 3G0,75-1-1,5 mm², IS-19, with cord
H05RN-F 3G0,75-1 mm²

Trademark I-Sheng

Rated Voltage / Frequency 250V~

Rated Current / Power 10A

Insulation Class -

Degree of protection (IP) 20

Tested acc. to EN 60320-1:2001/A1:2007, EN 60320-1:2001

Test Report No. NCS/FI 28853 issued on 2014-10-28

Additional Standard sheet C15, straight version

Expire date 2019-10-28

Certification Manager
Jan-Erik Storgaard

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this Certificate, in accordance with the D Mark Requirements. The Designated Certificate holder is entitled to use the d or for cables <DEMKO> for the Certified Product manufactured at the production site(s) identified above, in accordance with the D Mark Service Agreement, including without limitation the D Mark Testing and Certification Services Service Terms. Only those Products bearing the D Mark should be considered as being covered by UL's D Mark Service. This Certificate shall remain valid through the expiration date, unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the expiration date.

Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65,
info.dk@ul.com
www.ul-europe.com



Appendix DEMKO CERTIFICATE

Certificate No. D-03746
Page 2/3
Date of Issue 2014-11-10

External Certification Information:
NCS/FI 28853 issued on 2014-10-28 by SGS Fimko Ltd.

Additional Information:
This Certificate replaces earlier issued Demko Certificate No. D-315132-01, issued on 2009-10-13 due to new testing and deletion of one factory.

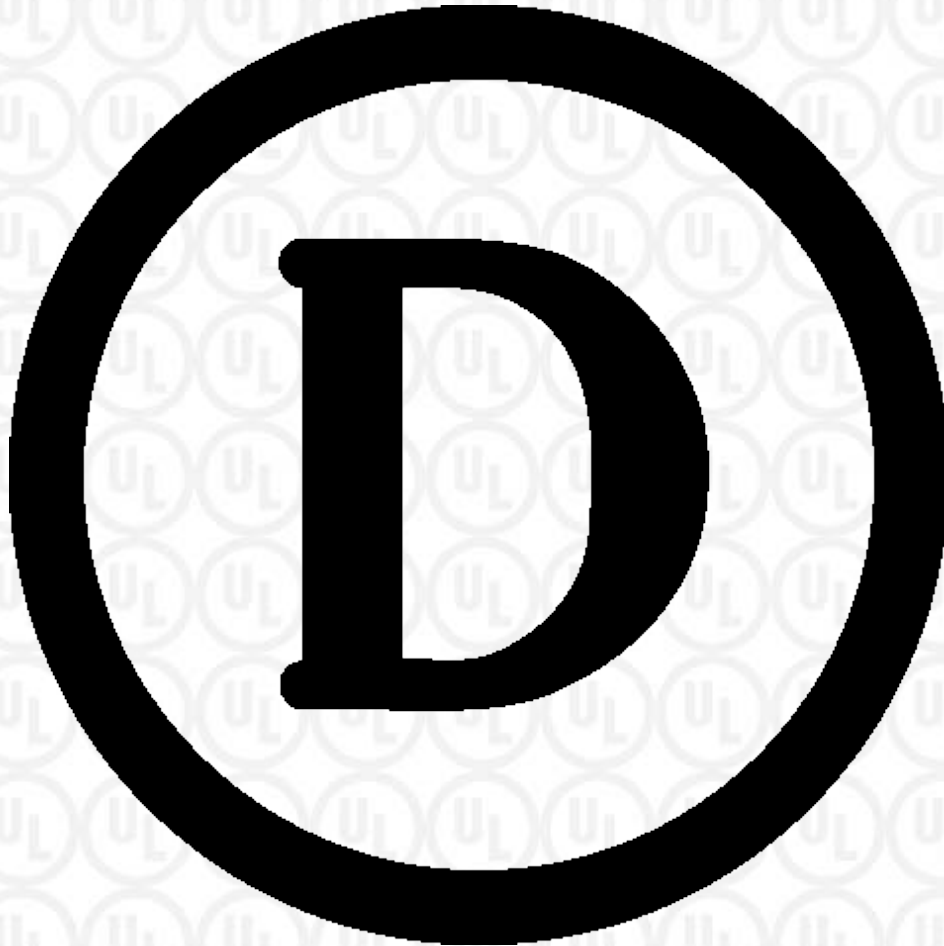
Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com



Appendix DEMKO CERTIFICATE

Certificate No. D-03746
Page 3/3
Date of Issue 2014-11-10



Certification Body

UL International Demko A/S, Borupvang 5A, DK-2750
Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com
www.ul-europe.com



Certificate



for European Product Safety
Intertek

Reference No. 1414632

Connector, non-rewirable

Type designation IS-19

Certificate holder

The product complies with the standard(s) EN 60320-1:2001 +A1

Date of expiry 14 November 2019

EU Directive information The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed


Bo Berglöf

Date 14 November 2014
Page 1 of 3



Intertek
Appendix

Reference No. 1414632

Technical data

<i>Type designation</i>	IS-19
<i>Rated voltage (V)</i>	250V~
<i>Rated current (A)</i>	10A
<i>IP-Class</i>	IP20
<i>Type of cord</i>	H05RR-F 3G0,75-1,5mm ² H05RN-F 3G0,75-1mm ²
<i>Standard sheet</i>	C15, straight version
<i>Brand name:</i>	I-Sheng
<i>Product information</i>	Non-rewirable.

Manufacturing site(s)

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

**Intertek
Appendix**

Reference No. 1414632

This certificate is based on a certificate with ref. No. NCS/FI 28853 dated 28 October 2014, issued by SGS FIMKO LTE according to the Nordic Certification Service Agreement.

This certificate, which includes production control, constitutes sufficient support for an EC Declaration of Conformity and CE marking, according to the principle of presumption of conformity, of the product according to the Low Voltage Directive 2006/95/EC.

This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

Safety related parts of the user instructions shall be written in a language acceptable to the country where the product is to be used.

If the product is to be marketed in different European countries, it must be provided with a certified plug appropriate for each country.

Certification Body Intertek Semko AB, Product Certification *Place* Kista - Stockholm

Signed


Bo Berglöf

Date 14 November 2014

This Certificate is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this certificate. Only the Client is authorized to permit copying or distribution of this certificate and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Product Connector
Applicant I

Manufacturer

Factory See page 2

Ratings 10A 250V AC

Trade mark

Model / Type Ref. IS-19

Principal characteristics Non-rewirable connector, with cord H05RR-F 3G0.75-1-1.5mm².
Standard Sheet C15. IP20.
 See next page(s)

A sample of the product was tested and found to be in conformity with INST EN 60320-1:2001;A1

Validity This certificate documents conformity with the standards shown, and also applies as license for use of Nemkos name and certification mark. The certificate and license is valid as long as the applicable conditions are complied with, and provided that any changes to the product are notified to Nemko for acceptance prior to implementation.
New standards or amendments to the standards may imply that the product design must be updated and/or that re-testing and re-certification is necessary.

Additional information See next page(s)

Additional model(s) See next page(s)

Date of issue 13-10-2009



Signature

Geir Hørthe

Certification Department

Nemko AS	Office address	Internet	Telephone	Fax
P.O. Box 73, Blindern	Gaustadalléen 30	www.nemko.com	+47 22 96 03 30	+ 47 22 96 05 50
N-0314 Oslo, Norway	Oslo		Enterprise number:	NO 974404532

Product	Connector
Pos. No	1
Model / Type Ref.	IS-19
Trade mark (if different from page 1)	
Rating	10A 250V AC
Principal characteristics	Non-rewirable connector, with cord H05RN-F 3G0.75-1mm ² . Standard Sheet C15. IP20.

Factories:

Date of issue 13-10-2009



Signature

Geir Hørthe

Certification Department

Nemko AS	Office address	Internet	Telephone	Fax
P.O. Box 73, Blindern	Gaustadalléen 30	www.nemko.com	+47 22 96 03 30	+ 47 22 96 05 50
N-0314 Oslo, Norway	Oslo		Enterprise number:	NO 974404532



CERTIFICATE NCS/FI 28853

Our Ref. 275951-8

Product Connector, non-rewirable
Type IS-19, with cord H05RR-F 3G0,75-1-1,5
 IS-19, with cord H05RN-F 3G0,75-1

Trade mark

**Certificate Holder/
 Manufacturer**

Technical information 10 A, 250 V~, IP20

Other information Standard sheet C15, straight version

The product is certified according to the following standard(s) EN 60320-1:2001 + A1:2007

Validity This certificate is valid until 28 October 2019 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. This certificate includes the right to use the FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for FI certification are met.

Directive information The product(s) fulfils the essential safety requirements for CE conformity marking according to the Low Voltage Directive (2006/95/EC) at the date of issue of the certificate.

Date of issue 28 October 2014

SGS Fimko Ltd

Signature

Sixten Lökfors
 Project Manager



This certificate has 1 appendix



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Appendix to Certificate: 28853

Manufacturing site(s)



Additional information

This certificate replaces certificate NCS/FI 25307 dated 07 October 2009, due to new testing and removed one Manufacturing site.



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Inspectorate for Heavy Current Installations ESTI
Market Surveillance/Safety Mark

Client no.
1451

Your ref.
Kelly Chien

Our Ref.
Ts

Date
2015/11/23

Authorization

Number: 15.0770
valid until: 2017/11/28

Marking:  Company-Logo

Based on the documents contained in file **15-BS-0283** the Federal Inspectorate for Heavy Current Installations grants the firm named above the right, to put the equipment listed below on the market marked with the safety mark in accordance with the NEV.

Equipment: Connector, non-rewirable
Tradename: I-SHENG

Type designation: Nominal values:
IS-19 250V~ 10A L+N+PE
standard sheet C15, straight cord entry
with non-rewirable cords:
H05RR-F 3G0.75mm² [I-SHENG]
H05RR-F 3G1.00mm² [I-SHENG]
H05RR-F 3G1.50mm² [I-SHENG]

Protection class: for class I equipment
Protection degree: ordinary
Basis: CB / VDE / DE1-42784 dated 2010/02/16
Test Report / VDE / 1276300-1550-0806/118497 dated 2010/02/09





Authorization

Number: **15.0770**

page **2**

Remark:

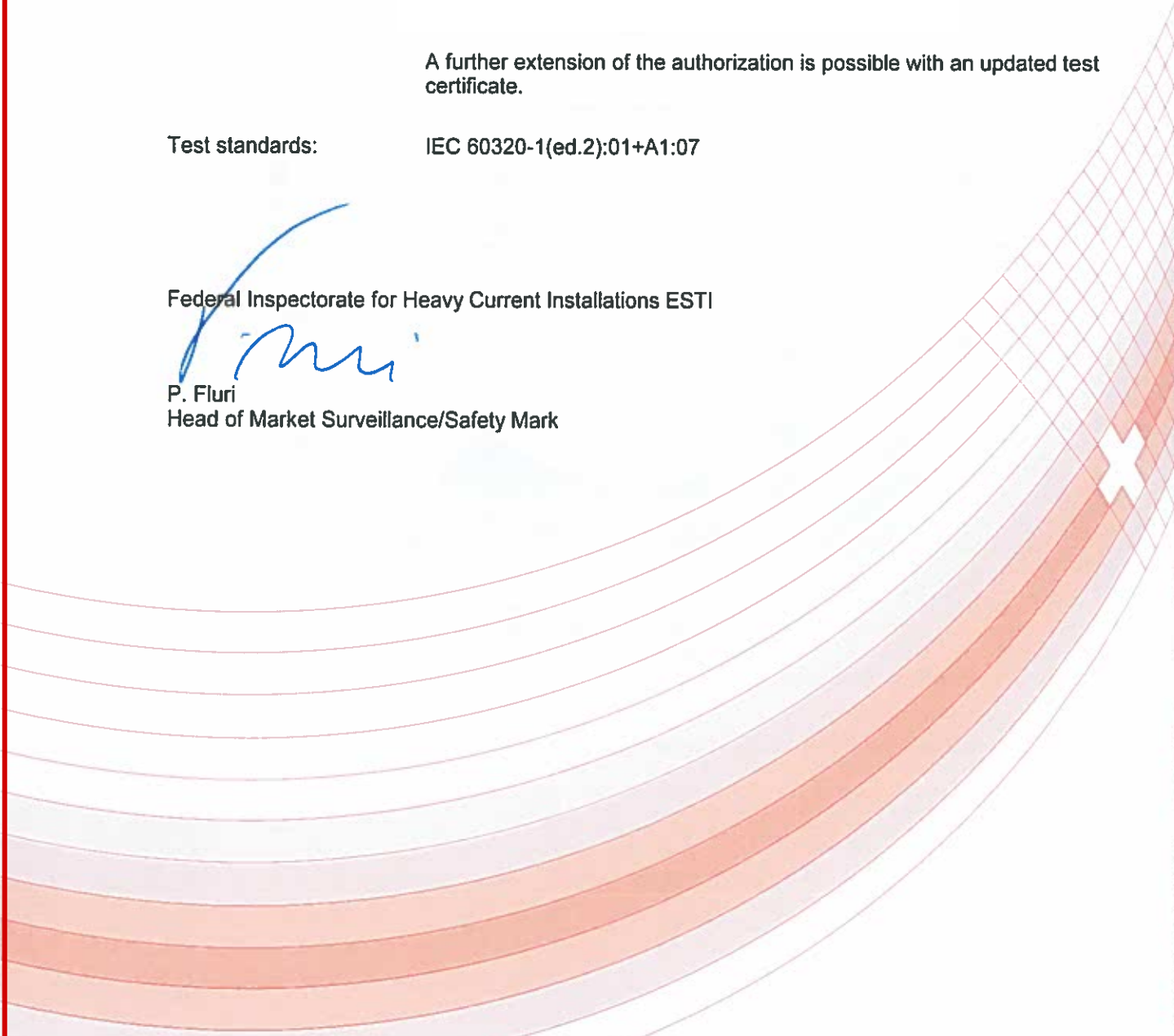
Manufacturing sites:

A further extension of the authorization is possible with an updated test certificate.

Test standards: IEC 60320-1(ed.2):01+A1:07

Federal Inspectorate for Heavy Current Installations ESTI

P. Fluri
Head of Market Surveillance/Safety Mark



OVE AUSTRIAN ELECTROTECHNICAL ASSOCIATION
Eschenbachgasse 9, 1010 Wien, Austria
ZVR: 327279890 | DVR: 1055887

OVE - Testing & Certification
Kahlenberger Str. 2A, 1190 Wien, Austria
Phone: +43 1 370 58 06
www.ove.at



Page 1 of 3

ÖVE-CERTIFICATE

including the entitlement to use the Austrian Safety Mark



Certificate No.: 8556-027-06

Valid from: 2016 01 19
until: 2018 01 19

The Austrian Electrotechnical Association (OVE) hereby grants the right to the company mentioned below to label the listed products with the Austrian Safety Mark.

Company:

Product: **Connector for Class I appliances with cord**

Basis for this given right is the conformity of the products with the requirements of the technical standards listed in this certificate as stated in the file(s) Ref.-No(s). **1883-1255/04**.

This certificate establishes the conformity of the tested specimen and of all products manufactured strictly identical to the submitted one.

Österreichischer Verband für Elektrotechnik
Head of Testing & Certification



Digitally signed by W. Martin
Email=w.martin@ove.at

Vienna, 2016 01 11

Dipl.-Ing. W. Martin

OVE - Testing & Certification

Accredited by the Federal Ministry of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwf.gv.at/accreditation





Österreichischer Verband
für Elektrotechnik

Certificate No.: 8556-027-06
Date: 2016 01 11
Page 2 of 3

Manufacturer:

Factory location(s):

Tested and certified according to:

ÖVE/ÖNORM EN 60320-1:2010-11-01

This certificate is the basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and shows the conformity with the listed standards as defined by the EC Low-Voltage Directive 2006/95/EC.

Product: **Connector for Class I appliances with cord**

Type designation:

Trademark:

Rating:

IS-19

Rated voltage: AC 250 V

Rated current: 10 A

H05RR-F 3 G 0,75

IS-19

Rated voltage: AC 250 V

Rated current: 10 A

H05RR-F 3 G 1

OVE - Testing & Certification

Accredited by the Federal Ministry of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwf.gv.at/accreditation





Österreichischer Verband
für Elektrotechnik

Certificate No.: 8556-027-06
Date: 2016 01 11
Page 3 of 3

IS-19

Rated voltage: AC 250 V
Rated current: 10 A
H05RR-F 3 G 1,5

IS-19

Rated voltage: AC 250 V
Rated current: 10 A
H05RN-F 3 G 0,75

IS-19

Rated voltage: AC 250 V
Rated current: 10 A
H05RN-F 3 G 1

OVE - Testing & Certification

Accredited by the Federal Ministry of Science, Research and Economy as Certification Body for products within the scope as given in the official decree and published under www.en.bmwf.gv.at/accreditation



PID:

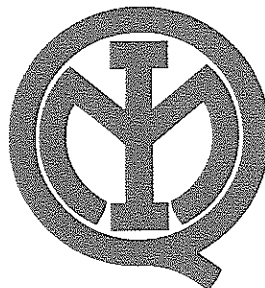
02115100

CID:

C.1993.495

Certificato di approvazione*Approval certificate***IMQ, ente di certificazione accreditato,
autorizza la ditta***IMQ, accredited certification body, grants to***all'uso del marchio***the licence to use the mark***IMQ**

Il presente certificato è
soggetto alle condizioni
previste nel "Regolamento
IMQ - Certificazione
prodotto" ed è relativo ai
prodotti descritti
nell'Allegato al presente
certificato.

**per i seguenti prodotti***for the following products***Prese di connettore
indissolubilmente collegate al
cavo
(Rif. di tipo IS-19)***Non-rewirable connectors
(Type ref. IS-19)*

*This certificate is subjected to
the conditions foreseen by "IMQ
Rules - Product Certification"
and is relevant to the products
listed in the annex to this
certificate.*

Emesso il | Issued on:

2004-04-29

Data di aggiornamento | Updated on

2010-02-22

Sostituisce | Replaces

2004-04-29
IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 2004-04-29
Data di aggiornamento / Updated on 2010-02-22
Sostituisce / Replaces 2004-04-29

Prodotto | Product

Prese di connettore indissolubilmente collegate al cavo
Non-rewirable connectors

Concessionario | Licence Holder

Marchio | Mark



IMQ

Costruito a | Manufactured at

98001046	CLISHE.CO2LCISHE+2	JIANG SU PROVINCE	China
98001045	CLISHE.CO2LCISHE+1	SHENZHEN GUANGDONG	China
95002261	CLISHE.CO1LCISHE.C	TAO YUANG HSIEN, TAIWAN	Taiwan
PI.300091	CO2702551	Bac Ninh Province	Viet Nam

Copia del presente certificato deve essere conservata presso i luoghi di produzione sopra elencati.

Copy of this certificate must be available at the manufacturing places listed above

Norme

EN 60320-1:2001 + A1:2007
Prodotti conformi ai requisiti essenziali della Direttiva B.T. 2006/95/CE

Standards

EN 60320-1:2001 + A1:2007
Products meeting the essential requirements of L.V.D. 2006/95/EC

Rapporti | Test Reports

26LK00007

Caratteristiche tecniche | Technical characteristics

<i>Designazione Type designation</i>	2P+T foglio C15 / 2P+E S.S. C15
<i>Tensione nominale Rated voltage</i>	250 V
<i>Corrente nominale Rated current</i>	10 A
<i>Tipo di applicazione Type of application</i>	calda / for hot conditions
<i>Tipo di morsetti Type of terminals</i>	morsetti aggraffati / crimped connections
<i>Materiale della custodia Material of the cover</i>	termoplastico / thermoplastic
<i>Uscita cavo Cable exit</i>	assiale / straight

Articoli (con dettagli) | Articles (with details)

AR.E0012N

<i>Marca Trade mark</i>	
<i>Riferimento di tipo Type reference</i>	IS-19
<i>Tipo di cavo Type of cable</i>	H05RR-F
<i>Sezione nominale Section areas</i>	3G0,75 mm²

AR.E0013O

<i>Marca Trade mark</i>	
<i>Riferimento di tipo Type reference</i>	IS-19
<i>Tipo di cavo Type of cable</i>	H05RR-F
<i>Sezione nominale Section areas</i>	3G1 mm²

AR.E001KS

Marca | Trade mark

Riferimento di tipo | Type reference **IS-19**
Tipo di cavo | Type of cable **H05RR-F**
Sezione nominale | Section areas **3G1,50 mm²**

AR.E001JP

Marca | Trade mark

Riferimento di tipo | Type reference **IS-19**
Tipo di cavo | Type of cable **H05RN-F**
Sezione nominale | Section areas **3G0,75 mm²**

AR.E001JQ

Marca | Trade mark

Riferimento di tipo | Type reference **IS-19**
Tipo di cavo | Type of cable **H05RN-F**
Sezione nominale | Section areas **3G1 mm²**

Ulteriori informazioni | Additional Information

La presa di connettore rif. Di tipo IS-19 è prodotta con i seguenti inserti:
marca YI MO PRECISION INDUSTRY CO LTD, art. YM-B7, colore bianco
marca YI MO PRECISION INDUSTRY CO LTD, art. YM-B7-1, colore bianco

I connettori riportano la seguente marcatura che identifica il luogo di produzione:

(-)=
C =
K =
V =

The non-rewirable connector type ref. IS-19 is manufactured with the following inserts:
trade mark YI MO PRECISION INDUSTRY CO LTD, art. YM-B7, white colour
trade mark YI MO PRECISION INDUSTRY CO LTD, art. YM-B7-1, white colour

The connectors are quoted with the following additional marking which identify the manufacturing location:

(-)=
C =
K =
V =

Componenti | Component List

Tipo Type	(*)	Costruttore Manufacturer	Riferimento Type Ref.	Dati Data	Norme Standard (*)	Marchi Marks
Cavo / Cable	2/4			H05RR-F	-	FIMKO
Cavo / Cable	2/4			H05RN-F	-	FIMKO

Emesso il | Issued on **2010-02-22** Data di aggiornamento | Updated on Sostituisce | Replaces

Ciascun componente è contraddistinto da un numero avente il seguente significato:

- 1 - Componente marchiato e sostituibile con altro pure marchiato con caratteristiche equivalenti
- 2 - Componente sostituibile solo previa autorizzazione dell'IMQ
- 3 - Componente (integrato nell'apparecchio utilizzatore) provato congiuntamente all'apparecchio utilizzatore
- 4 - Componente in alternativa
- 5 - Componente per uso opzionale
- 6 - Componente da abbinare

Each component is signed by a number having the following meaning:

- 1 - Approved component replaceable with another one also approved with equivalent characteristics
- 2 - Component replaceable with IMQ authorization only
- 3 - Integrated component tested together with appliances
- 4 - Alternative component
- 5 - Component for optional use
- 6 - Component to be matched

(*) Queste colonne sono compilate a cura di IMQ / These columns are filled in by IMQ



INSIEME PER LA QUALITA' E LA SICUREZZA

IMQ S.p.A.
I-20138 Milano - via Quintiliano, 43
tel. 0250731(r.a.) - fax 0250991500
e-mail: info@imq.it - www.imq.it

Rea Milano 1595884
Registro Imprese MI 12898410159
C.F./P.I. 12898410159
Capitale Sociale € 4.000.000

CA02.01938

SN.E000BE

Diritti di concessione | Annual Fees

SN.E000BE

BTK.021100.DA19

Diritti modelli IMQ - 0211 - Prese, spine e connettori di uso domestico | IMQ models - 0211 - Plugs and appliance couplers for domestic purposes

1



IMQ S.p.A.



LCIE

Accréditation
N°5-0014
Portée
disponible sur
www.cofrac.fr



LICENCE



LCIE N° 592491

Délivrée à:
Delivered to:

I-SHENG ELECTRIC WIRE AND CABLE Co. Ltd.
52, Tin Hwu Road Ta Gann Village Gwai San Hsian - 33334 Tao Yuang Hsien - TAIWAN

Site de fabrication:
Factory:

Voir en annexe 1
See in annex 1

Produit:
Product:

Connecteurs pour usages domestiques et usages généraux analogues
Appliance couplers for household and similar general purposes

Marque commerciale (s'il y a lieu):
Trade mark (if any):

I-SHENG

Modèle, type, référence:
Model, type, reference:

IS-19

Caractéristiques nominales et principales:
Rating and principal characteristics:

10A, 250V~

Informations complémentaires:
Additional informations:

Voir annexe 2 / *See annex 2*
Ajout du site de fabrication n°1786AP / *Addition of factory n°1786AP*

Le produit est conforme à:
The product is in conformity with:

EN 60320-1:2001 +A1:2007

Documents pris en compte:
Relevant documents:

Certificat d'essai OC / CB test certificate n°FI 58 98 / TR n°255899-2

Annule et remplace (s'il y a lieu):
Cancel and replaces (if necessary):

Licence n°558756L du 2007-05-23

Cette licence autorise l'usage de la marque NF pour le produit dans les conditions du règlement de la marque NF, pour autant que les contrôles réguliers de la fabrication et les vérifications par tierce partie soient satisfaisants.

This licence permits the use of the Mark NF for the product in compliance with the Regulation of the NF Mark, as far as the regular checking and third party verifications of the production are satisfactory.

Fontenay-aux-Roses, 2009-12-23

Par mandatement de AFNOR Certification et pour le LCIE
By mandate from AFNOR Certification and for LCIE

Date limite de validité :
Limit expired date :

Rémi HANOT
Responsable de Certification
Certification Officer

La validité de la présente licence cesse dès l'annulation de l'une des normes sur laquelle elle est fondée.
The present licence is valid until the cancellation of one of the standards on which it is based.



LCIE N°: 592491

Annexe 1 : Liste des sites de fabrication
Annex 1 : List of the Factories

Site de fabrication :
Factory :





LCIE

LCIE N°592491

ANNEXE / ANNEX 2

**CARACTÉRISTIQUES NOMINALES ET PRINCIPALES
RATING AND PRINCIPAL CHARACTERISTICS**

Classification

Feuille de norme / <i>standard Sheet</i>	C15
Courant nominal / <i>rated current (A)</i>	10A
Tension nominale / <i>rated voltage (V)</i>	250V
Degré de protection / <i>degree of protection</i>	IP20
Température maximale de la base des broches du socle de connecteur correspondant <i>Maximum pin temperature at the base of the pins of the corresponding appliance inlet</i>	prises mobiles pour conditions chaudes (température des broches ne dépassant pas 120 °C) <i>connectors for hot conditions (pin temperature not exceeding 120 °C)</i>
Type d'équipement à raccorder <i>Type of equipment to be connected</i>	prises mobiles pour matériels de la classe I <i>connectors for class I equipment</i>
Mode de raccordement du câble <i>Method of connecting the cord</i>	prises mobiles non démontables <i>non-rewirable connectors</i> entrée latérale du câble / <i>lateral entry of cable</i>

Câble / Cable

Type du câble / <i>Type of cable</i>	Fabricant / <i>Manufacturer</i>	Conformité / <i>Conformity</i>
H05RR-F 3G0,75 / 1 / 1,5		LCIE (NF-USE)
H05RR-F 3G0,75 / 1 / 1,5	WONDERFUL	VDE
H05RN-F 3G0,75 / 1		LCIE (NF-USE)
H05RN-F 3G0,75 / 1	WONDERFUL	VDE

