



鎰勝工業股份有限公司

I-SHENG ELECTRIC WIRE & CABLE CO., LTD.

APPROVAL SHEET

客戶 CUSTOMER	SUNNY		
品名 STYLE NAME	POWER SUPPLY CORD		
規格 MODEL NO.	SP-022+IS-034 H05VV-F 3G 0.75mm ² CT-12(BLACK) DENT PRINT 1800mm		
客戶料號 PART NO.			
鎰勝料號 IS PART NO.	發行日期 ISSUED DATE	版本 VERSION	
V23JB3E161218002	2017.12.07	A01	
☐ 鎰勝工業股份有限公司 I-SHENG ELECTRIC WIRE & CABLE CO., LTD. 台灣省桃園市龜山區大崗里頂湖路 50 號 50, Tin Hwu Road, Ta Gann Village, Gwai San Hsian, Tao Yuan Hsien, Taiwan 33378 TEL:886-3-3282391 FAX:886-3-3284228			
☒ 鎰勝電子(深圳)有限公司 I-SHENG MANUFACTURING(SONG GANG)FACTORY 廣東省深圳市寶安區松崗街道塘下湧大道旁第一幢 Building 1, TangXiaYong Street, Songgang Town, Bao'An District, Shenzhen, Guangdong, China 518105 TEL:86-755-33876988 FAX:86-755-33876800			
☐ 鎰勝電子科技(昆山)有限公司 I-SHENG ELECTRONICS (KUNSHAN) CO., LTD. 江蘇省昆山市經濟技術開發區泰山路 888 號 No. 888 Tai Shan Road, Kunshan Development Zone, Kun Shan City, Jiang Su Province, China 215300 TEL:86-512-57386890 FAX:86-512-57386891			
☐ 鎰勝工業(越南)有限公司 I-SHENG ELECTRIC WIRE & CABLE (VIETNAM) 越南北寧省桂武工業區桂武路D4-2區 Lot D4-2 Que Vo Road, Que Vo Industrial Park, Bac Ninh Province, Vietnam 0241 TEL: 84-241-3634237 FAX: 84-241-3634436			

Approved by	Checked by	Prepared by
YUN	BOBOAN	CUI

Customer Approval



Please sign back this cover page after your approval





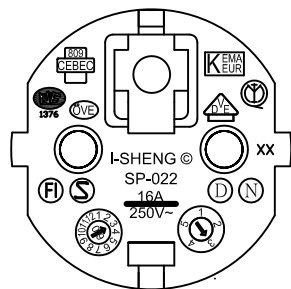
I-SHENG MANUFACTURING (SONGGANG) FACTORY

TANG XIA YONG ROAD SONGGANG TOWN, BAOAN,
SHENZHEN, GUANGDONG, P.R. CHINA 518105

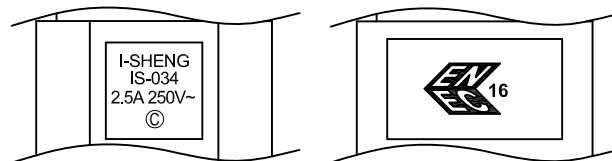
CONTENT

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

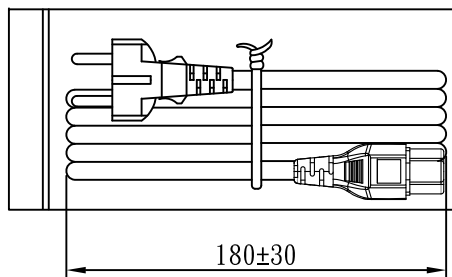
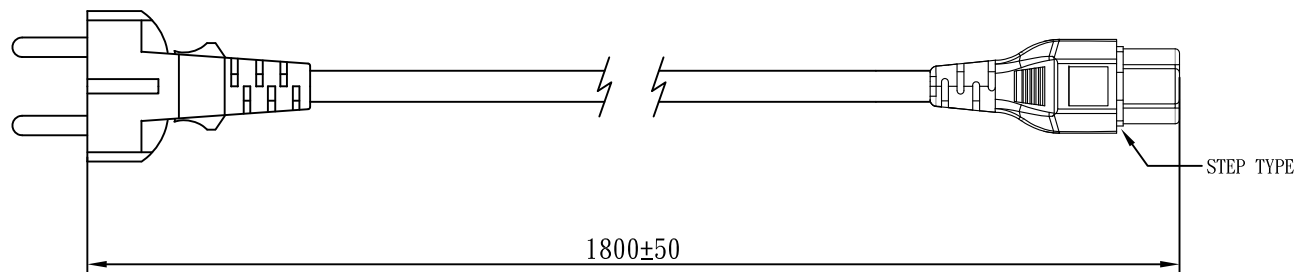
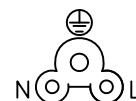
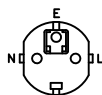
MARKING:



MARKING:



No	BOM ITEM	Q' TY	P/N
1	SP-023 INSERT	1 pcs	MB023012
2	PVC 45P (SA87, SP-022)	33 g	RPP04512
3	Ø2.35B PHOSPHOR BRONZE TUBE	2 pcs	BPP235B3
4	Ø3.2 PHOSPHOR BRONZE TUBE	1 pcs	BPP32300
5	IS-034 INNER BODY	1 pcs	MP334012
6	PVC 45P (SA87, IS-034)	15 g	RPP04512
7	PE TIE (BLACK, 6 inch)	1 pcs	KBB10006
8	PE BAG (260*120)	1 pcs	KBR11026



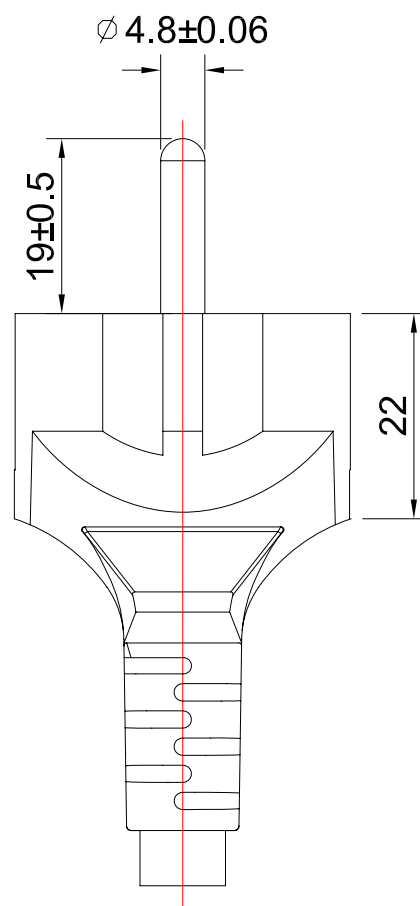
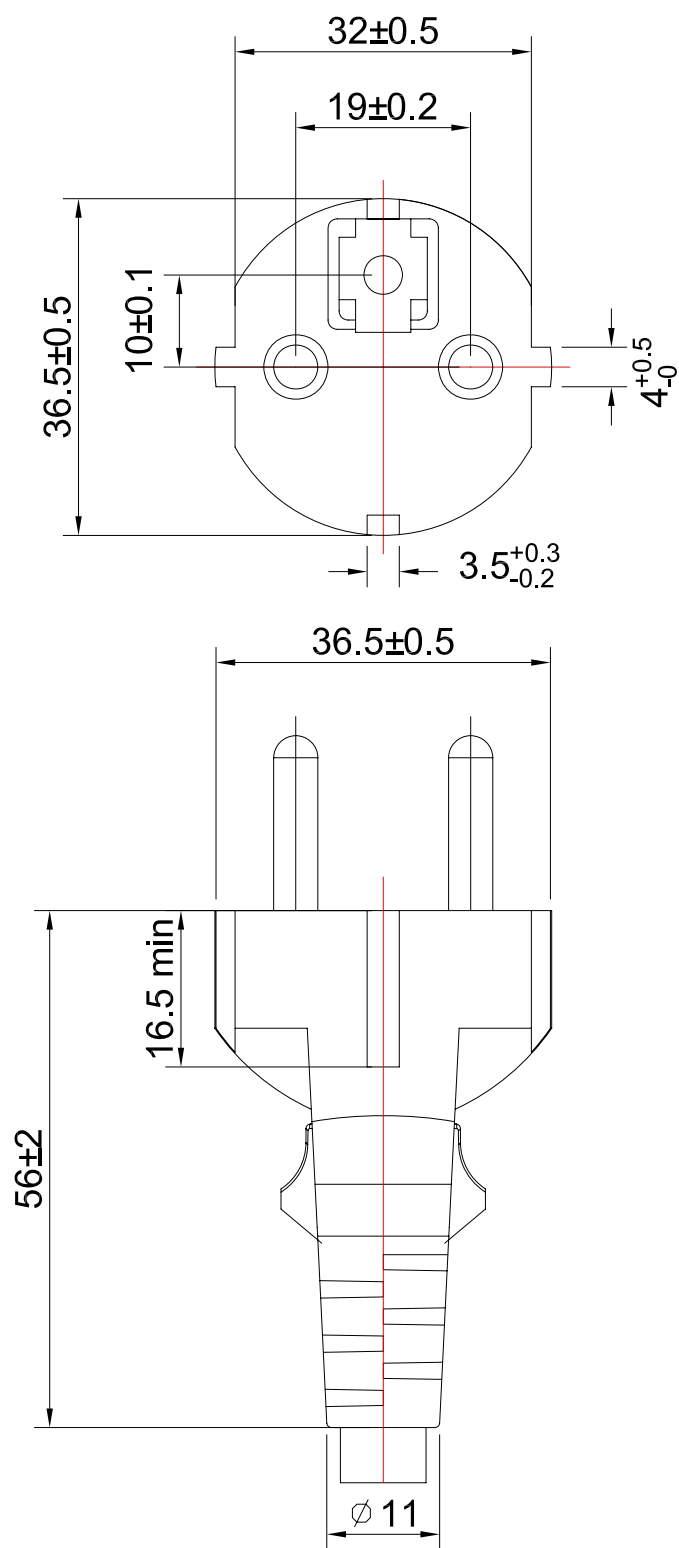
WIRING COLOR:

E: Yellow/Green
N: Blue
L: Brown

LENGED ON CORD: (E04-14)

I-SHENG SGIS <VDE> KEMA-KEUR 030111 <OVE> △ CEBC 809 S D N F
NF-USE 1346 IEMMEQU H05VV-F 3G 0.75mm² 300/500V -LF- CE

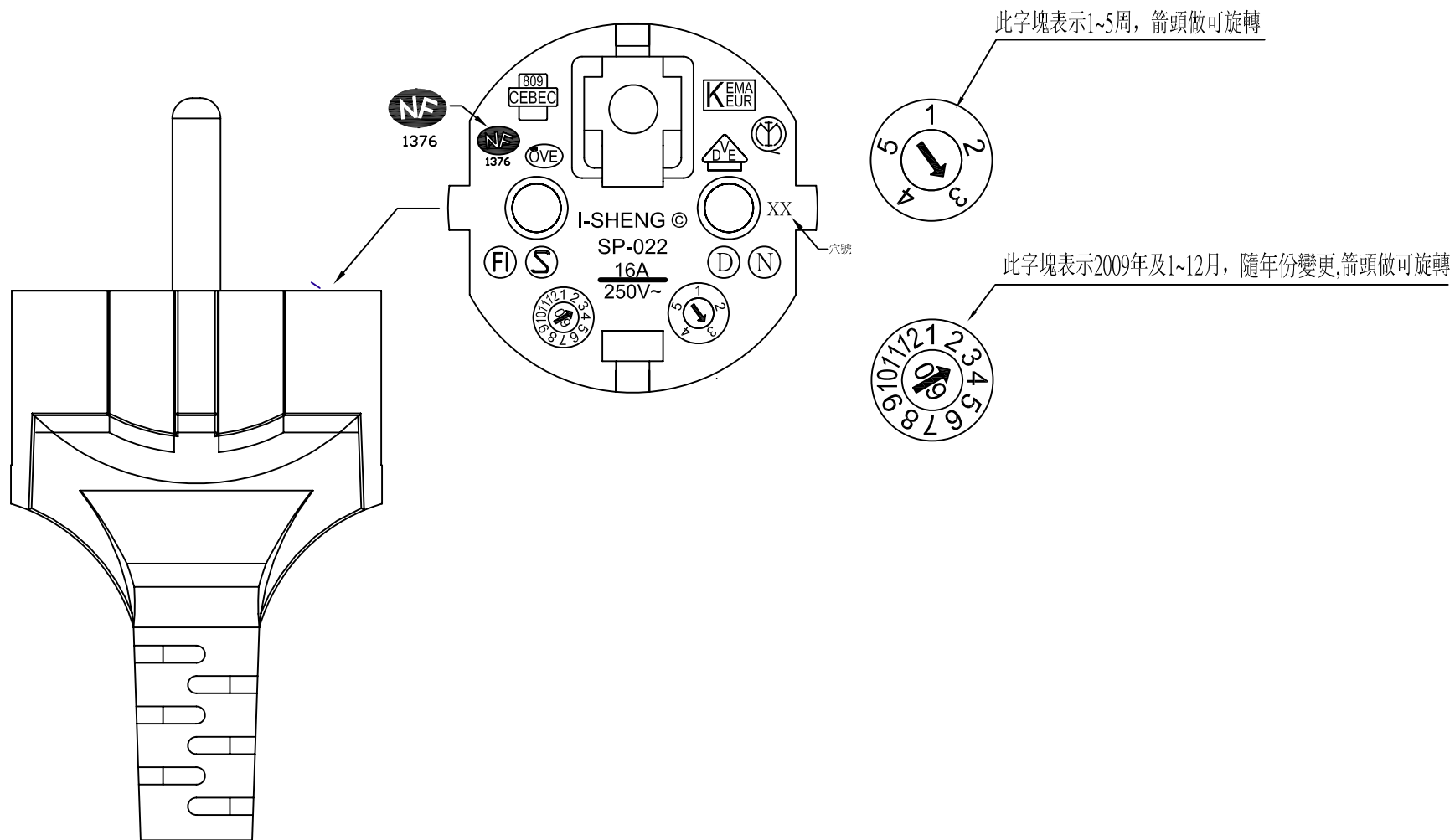
CABLE		H05VV-F 3G 0.75 DENT PRINT CT-12 (BLACK)				
PLUG		SP-022 + IS-034	LENGTH	1800	UNIT	mm
CLIENT	NAME	SUNNY	N/W		UNIT	kg
	P/N		SG DWG	SR-174547-10	VER.	A
 I-SHENG MANUFACTURING (SONG GANG) FACTORY 鎰勝電子(深圳)有限公司			Design. by	熊小翠 17.12.07		
			Review. by	朱曉玲 17.12.07		
			Approval. by	周德雲 17.12.07		
V23 JB3E16 12 180 02						



DWG. NAME	TYPE AND DIMENSIONS					
APPLY TO STANDARD	EUROPE APPROVAL POWER SUPPLY CORD				TOLERANCE	
ISSUE DATE	2000/03/13	REV.	D			
REVISE DATE	2008/08/13	UNIT	mm		≤ 1.0	±0.3
TYPE	SP-022	DWG. NO.	A22-01		≤ 10.0	±0.5
WIRE	H05VV-F (0.75~1.0/3),H03VV-F (0.75/3)				≤ 20.0	±1.0
 I-SHENG ELECTRIC WIRE & CABLE CO.,LTD. 鎰勝工業股份有限公司	DESIGN BY	FANNY WANG		≤ 20.0	±1.0	
	REVIEW BY	BECKY CHEN		> 20.0	±2.0	
	APPROVE BY	RYAN LAI				

MARKING

ISSUED 2009.06.24	STD. NAME	EUROPE APPROVAL POWER SUPPLY CORD	FILE NO. A22-01-10
REVISED A	CAT NO.	SP-022 成品標識示意圖	PAGE 1



I-SHENG

D. by

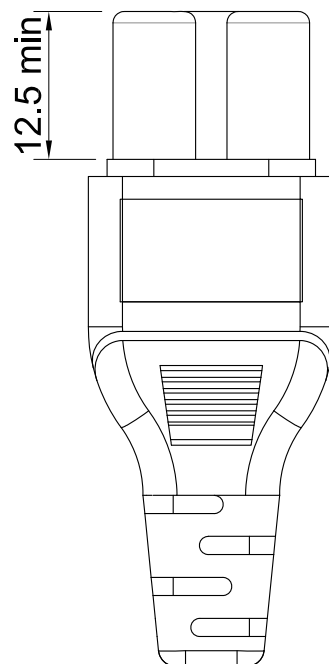
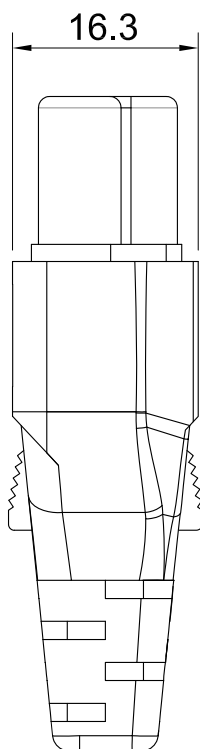
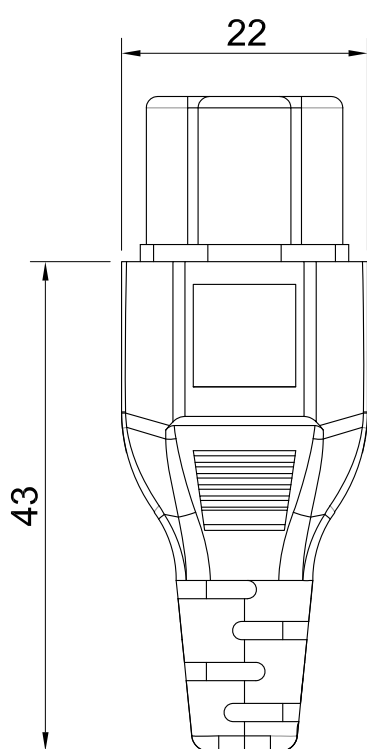
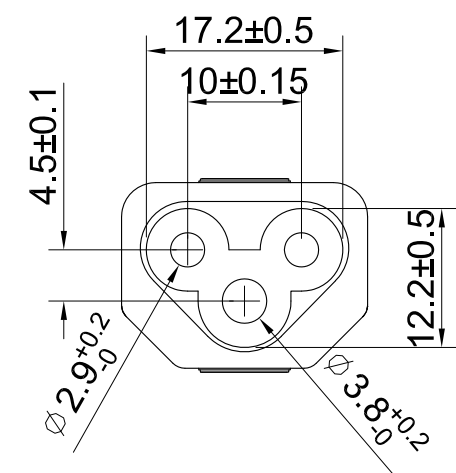
CUI

C. by

BOBOAN

A. by

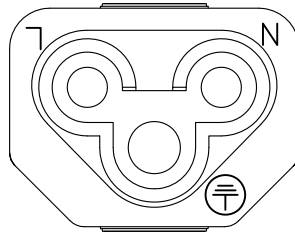
YUN



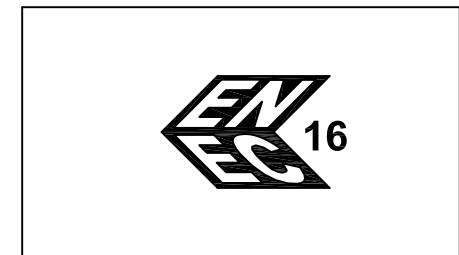
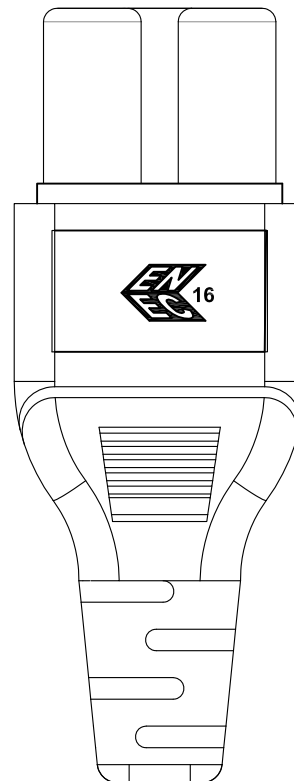
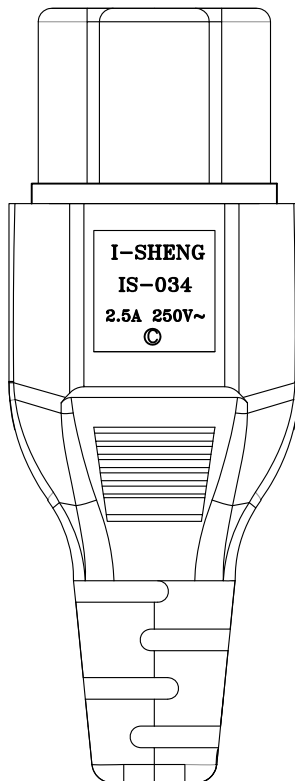
DWG. NAME	TYPE AND DIMENSIONS				TOLERANCE	
APPLY TO STANDARD	UNIVERSAL APPROVAL POWER SUPPLY CORD					
ISSUE DATE	2002/03/18	REV.	C		≤ 1.0	±0.3
REVISE DATE	2011/08/29	UNIT	mm			
TYPE	IS-034	DWG. NO.	L34-10		≤ 10.0	±0.5
WIRE	H05VV-F (0.75~1.0/3),H03VV-F (0.75/3)					
 I-SHENG ELECTRIC WIRE & CABLE CO.,LTD. 鎰勝工業股份有限公司	DESIGN BY	FANNY WANG		≤ 20.0	±1.0	
	REVIEW BY	GERRY LAI				
	APPROVE BY	RYAN LAI		> 20.0	±2.0	

MARKING

ISSUED 2017-3-16	STD. NAME EUROPE APPROVAL POWER SUPPLY CORD	FILE NO. L34-01-12
REVISED A	CAT NO. IS-034 成品標識示意圖	PAGE 1



I-SHENG
IS-034
2.5A 250V~
©



I-SHENG

D. by

CUI

C. by

BOBOAN

A. by

YUN

SPECIFICATION

Rev. 1.0

Issued	2017/6/7	Description	File No.	V23JB3E16
Revised	2017/7/20	SP-022+IS-034 H05VV-F 3G 0.75mm ²	Page	1/1

1. Scope :

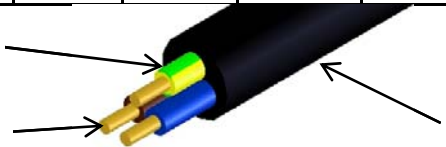
This specification is applied to power supply cord conforming to:

IEC 60320-1 IEC 60884-1 EN 50525-2-11

2. Construction and dimensions:

In accordance with the following tables and attached drawings.

Item	Cat. No.	Rating		Approved No.
		A	V	
Plug	SP-022	16	250	As attachment
Connector	IS-034	2.5	250	As attachment

Flexible cord					H05VV-F 3G 0.75mm ²			
Approved No.					As attachment			
Rating					300/500V 70°C			
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 26Ω/km at 20°C
0.75	24/ § 0.20+0,-0.015	0.6	0.44	§ 2.35±0.1	0.8	0.58	§ 6.7±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:

Shenzhen:
I-SHENG SGIS <VDE> KEMA-KEUR +0+0+0 <ÖVE> △CEBEC 809 S(D)(N)(F) NF-USE 1346
IEMMEQU H05VV-F 3G 0.75mm² 300/500V -LF- CE

Kunshan:
I-SHENG KSIS <VDE> KEMA-KEUR +0+0+0 <ÖVE> △CEBEC 809 S(D)(N)(F) NF-USE 1353
IEMMEQU H05VV-F 3G 0.75mm² 300/500V -LF- CE

I-SHENG ELECTRIC WIRE & CABLE CO., LTD.

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.	Between all poles connected together and the body.	The insulation resistance shall be not less than 100 MΩ.
			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	Between each contact in turn and the others connected together. <u>2800V</u> /1min.	No flashover or breakdown shall occur during the test.
			Between the current-carrying contacts connected together and the body. <u>4000</u> V/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	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. 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.		no interruption of the current, no short circuit between conductors.				
		Load Weight (g)		Angle θ(°)	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
Device for fixing the sample Specimen 45° 45° 300 mm min. Weight IEC 1332/02							

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Items 項目		Conditions 條件	Specification 規格
6	Breaking capacity 啓斷容量	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. 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. 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	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	0,2 A connectors and the appliance inlet are connected and disconnected 2 000 times (4 000 strokes) without current flowing. 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.	No damage; The specimen can withstand the electric strength test with the voltage of 1500V.
8	Temperature rise 溫昇	An alternating current of 1.25 times rated current is passed through the current-carrying contacts for 1h. For connectors with earthing contact, the current is then passed through one current-carrying contact and the earthing contact for 1h	The temperature rise of pins, terminals and contacts shall not exceed 45k.

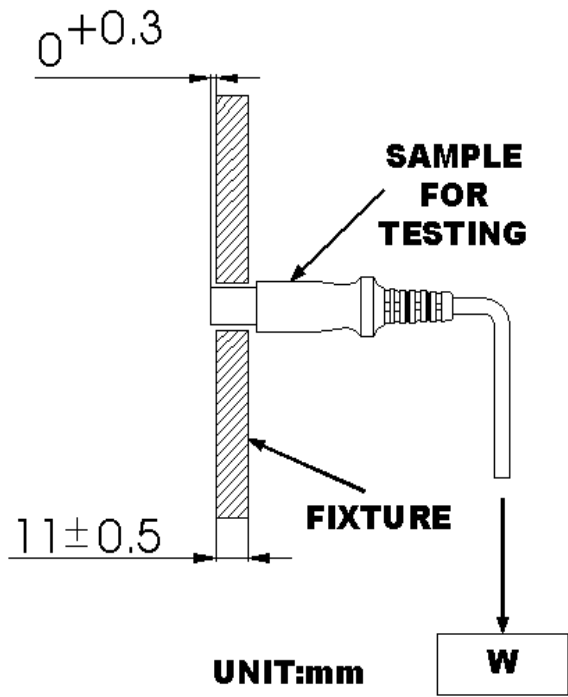
I-SHENG ELECTRIC WIRE & CABLE CO., LTD.

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

9	Withdrawal force 引拔力	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. 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. <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)	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. 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.
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	The test being made in a heating cabinet at a temperature of $100 \pm 2^{\circ}\text{C}$. 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. 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. The force applied through the jaws is 20N	After 1h, the jaws are removed and the specimen shall show no damage within the meaning of this standard.																	

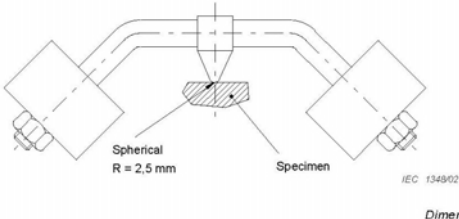
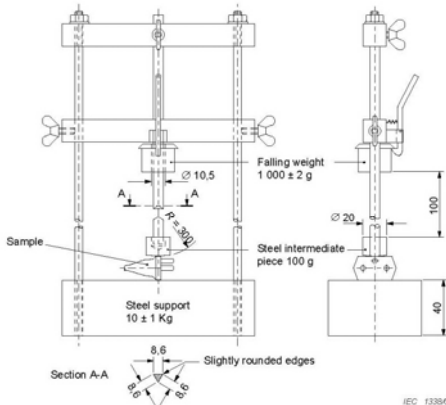
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Items 項目	Conditions 條件	Specification 規格
11 Resistance to Aging 老化試驗	The specimens are suspended freely in a heating cabinet, ventilated by natural circulation. They are kept in the cabinet, which is maintained at a temperature of $80 \pm 2^{\circ}\text{C}$, for 168h (7 days). After the test are allowed to attain approximately ambient temperature and are then examined. They shall show no crack visible to the naked eye, nor shall the material have become sticky or greasy, this being judged as follows. 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.	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	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.  UNIT:mm	After the test, the connector shall show no damage.

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13 Ball pressure test 球壓測試	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. The part under test shall be placed on a steel plate at least 3 mm thick and in direct contact with it. 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. 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. 	The diameter of the impression caused by the ball is measured and shall not exceed 2 mm.
14 Impact test at Low temperature 低溫撞擊測試	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. 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 $(1\ 000 \pm 2) \text{ g}$. 	After the test, the specimen shall show no damage within the meaning of this standard.

ZEICHENGENEHMIGUNG MARKS APPROVAL

I-Sheng Electric Wire & Cable
Co., Ltd.
No. 52 Tin Hwu Road, Ta Hua Village
33334 GWAI SAN, TAOYUAN HSIEN
TAIWAN

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 0620-2-1 (VDE 0620-2-1):2016-01



Aktenzeichen: 1276300-1560-0003 / 222475

File ref.:

Ausweis-Nr. 40013526

Blatt 1

Certificate No.

Page

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

Offenbach, 2005-03-31

(letzte Änderung / updated 2017-03-07)

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

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

I-Sheng Electric Wire & Cable Co., Ltd., No. 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN, TAOYUAN
HSIEN, TAIWAN

Aktenzeichen / *File ref.*

1276300-1560-0003 / 222475 / CC1 / SHA

letzte Änderung / *updated*

2017-03-07

Datum / *Date*

2005-03-31

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40013526.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40013526.

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

Typ(en) / *Type(s)*

SP-022

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

Schutzart
Degree of protection

IP20

Bauart
Kind of construction

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

Kennzeichnung der Fertigungsstätte(n)
Marking of manufacturing place(s)

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

Produktinformation

Product information

siehe Anlage Nr. 300A + 301A + 302A + 303A + 304A + 305A +
306A + 900A vom 2016-10-28
*see Appendix No. 300A + 301A + 302A + 303A + 304A + 305A +
306A + 900A dated 2016-10-28*

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet CC1
Section CC1

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Beiblatt /
Certificate No. Supplement
40013526

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

I-Sheng Electric Wire & Cable Co., Ltd., No. 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN, TAOYUAN
HSIEN, TAIWAN

Aktenzeichen / *File ref.*

1276300-1560-0003 / 222475 / CC1 / SHA

letzte Änderung / *updated*

2017-03-07

Datum / *Date*

2005-03-31

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40013526.

This supplement is part of the Certificate No. 40013526.

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

Fertigungsstätte(n)

Place(s) of manufacture

Referenz/*Reference*
30005950

I-Sheng Electric Wire & Cable
Co., Ltd.
No. 52 Tin Hwu Road, Ta Hua Village
33334 GWAI SAN, TAOYUAN HSIEN
TAIWAN

Referenz/*Reference*
30006554

I-Sheng Electronics
(Kunshan) Co., Ltd.
888 Tai Shan Road
Kunshan Development Zone
215300 KUNSHAN CITY
Jiangsu
CHINA

Referenz/*Reference*
30006550

I-Sheng Mfg (Song Gang) Factory
Tang Xiayong Road
Songgang Town
518105 BAOAN AREA, SHENZHEN
Guangdong
CHINA

Referenz/*Reference*
30019097

I-Sheng Electric Wire & Cable
Company (Vietnam)
Lot D4-2 Que Vo Road
Que Vo Industrial Park
BAC NINH PROVINCE
VIETNAM

VDE Prüf- und Zertifizierungsinstitut GmbH
VDE Testing and Certification Institute
Fachgebiet CC1
Section CC1



VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Infoblatt /
Certificate No. Info sheet
40013526

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

I-Sheng Electric Wire & Cable Co., Ltd., No. 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN, TAOYUAN
HSIEN, TAIWAN

Aktenzeichen / File ref.

1276300-1560-0003 / 222475 / CC1 / SHA

letzte Änderung / updated

2017-03-07

Datum / Date

2005-03-31

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40013526.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40013526.

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.:
1276300-1560-0003/22475

Ausweis-Nr.:
Approval No.:
40013526

Datum
Date
2016-10-28

Anlage-Nr.: 900A
Appendix No.:

Bei zur Installation vorgesehenen Produkten, die an Verbraucher verkauft werden, ist folgender Hinweis auf der kleinsten geschlossenen Verkaufseinheit anzubringen:
(vergleiche DIN VDE 0620-2-1 Abschnitt 8.10 und Anhang E)
Products which are intended for installation and will be sell to consumers the following note have to be fitted on the smallest closed selling unit:
(see DIN VDE 0620-2-1 clause 8.10 and attachment E)

Hinweis!

Installation nur durch Personen mit einschlägigen elektrotechnischen Kenntnissen und Erfahrungen!*)

Durch eine unsachgemäße Installation gefährden Sie:

- Ihr eigenes Leben,
- das Leben der Nutzer der elektrischen Anlage.

Mit einer unsachgemäßen Installation riskieren Sie schwere Sachschäden, z. B. durch Brand.

Es droht für Sie die persönliche Haftung bei Personen- und Sachschäden.

Wenden Sie sich an einen Elektroinstallateur!

***)Erforderliche Fachkenntnisse für die Installation**

Für die Installation sind insbesondere folgende Fachkenntnisse erforderlich:

- die anzuwendenden „5 Sicherheitsregeln“: Freischalten; gegen Wiedereinschalten sichern; Spannungsfreiheit feststellen; Erden und Kurzschließen; benachbarte, unter Spannung stehende Teile abdecken oder abschränken,
- Auswahl des geeigneten Werkzeuges, der Messgeräte und ggf. der persönlichen Schutzausrüstung,
- Auswertung der Messergebnisse,
- Auswahl des Elektro-Installationsmaterials zur Sicherstellung der Abschaltbedingungen,
- IP-Schutzarten,
- Einbau des Elektroinstallationsmaterials,
- Art des Versorgungsnetzes (TN-System, IT-System, TT-System) und die daraus folgenden Anschlussbedingungen (klassische Nullung, Schutzerdung, erforderliche Zusatzmaßnahmen etc.),

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

Seite 1 von 1
Page 1 of 1

VDE



Stecker Plug	2-polig mit Schutzkontakt 2-pole with earthing contact	Ausführung: Construction:	zentrale Leitungseinführung straight cable entry	Anlage-Nr.: Appendix No.:	306A
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[illegible]

Werkstoff der Umspritzung: <i>Material of the moulding:</i>	Typ; Farbe <i>Type; colour</i>	PVC; Typ(e): TT-01; schwarz/ <i>black</i> DONGGUAN TAI TUNG ELECTRIC WIRE CO LTD
Werkstoff der Trägereile: <i>Material of the base:</i>	Typ; Hersteller; Farbe <i>Type; manufacturer; colour</i>	PBT; Typ(e): 4830; schwarz/ <i>black</i> Chang Chun Plastics Co., Ltd.
Inneneinsatz: <i>Insert:</i>	Typ; Hersteller <i>Type; manufacturer</i>	Typ(e): SP-022; Aufschrift/ <i>marking</i> : IS; mit massiven Stiften/ <i>with solid pins</i> I-SHENG mit Stiftmaterial/ <i>with pin material</i> : Typ(e): PWZ61042 NINGBO POWERWAY ALLOY MATERIAL CO., LTD.



Anlage-Nr.:	305A
Appendix No.:	

[illegible]

Werkstoff der Umspritzung: <i>Material of the moulding:</i>	Typ; Farbe <i>Type; colour</i>	PVC; Typ(e): TT-01; schwarz/ <i>black</i> DONGGUAN TAI TUNG ELECTRIC WIRE CO LTD
Werkstoff der Trägereile: <i>Material of the base:</i>	Typ; Hersteller; Farbe <i>Type; manufacturer; colour</i>	PBT; Typ(e): 4830; schwarz/ <i>black</i> Chang Chun Plastics Co., Ltd.
Inneneinsatz: <i>Insert:</i>	Typ; Hersteller <i>Type; manufacturer</i>	Typ(e): SP-022; Aufschrift/ <i>marking</i> : IS; mit massiven Stiften/ <i>with solid pins</i> I-SHENG
		mit Stiftmaterial/ <i>with pin material</i> : Typ(e): PWZ61042 NINGBO POWERWAY ALLOY MATERIAL CO., LTD.

VDE

		ZEICHENGENEHMIGUNG MARKS APPROVAL	Aktenzeichen: <i>File ref.:</i> 1276300-1560-0003/222475	Ausweis-Nr.: <i>Approval No.:</i> 40013526	Datum <i>Date</i> 2016-10-28
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Stecker Plug	2-polig mit Schutzkontakt 2-pole with earthing contact	Ausführung: Construction:	zentrale Leitungseinführung straight cable entry	Anlage-Nr.: Appendix No.:	304A
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Fertigungsstätte / Place of manufacture:			(max. 2 m)																					
30006554 :		“C”																						
Position im VDE-Ausweis Position in VDE-approval	Typ(en) Type(s)	Leitungsaufdruck Marking on cable	H03VV-F 3G 0,5 mm²	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	5VA5V-F 3G 1,0 mm²			
	SP-022	I-SHENG KSIS	--	--	--	--	--	X	X	X	X	X	X	X	--	--	--	--	--	--	--	--	--	--
		I-SHENG SGIS	--	--	--	--	--	--	--	--	--	--	--	--	--	--	X	X	X	--	--	--	--	--
		I-SHENG VDE-Reg.-Nr. 9825	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	X	X	--	--	--

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

Werkstoff der Umspritzung: <i>Material of the moulding:</i>	Typ; Farbe <i>Type; colour</i>	PVC; Typ(e): TT-01; schwarz/ black DONGGUAN TAI TUNG ELECTRIC WIRE CO LTD
Werkstoff der Trägereile: <i>Material of the base:</i>	Typ; Hersteller; Farbe <i>Type; manufacturer; colour</i>	PBT; Typ(e): 4830; schwarz/ black Chang Chun Plastics Co., Ltd. geprüft unter AZ:/approved under VDE- Ref.: 1518100-1560-0006;schwarz/ black
Inneneinsatz: <i>Insert:</i>	Typ; Hersteller <i>Type; manufacturer</i>	Typ(e): 98651A-VDE; mit massiven Stiften/ with solid pins GEM Typ(e): B05.008-D mit massiven Stiften/ with solid pins Taller GmbH

VDE Prüf- und Zertifizierungsinstitut GmbH Diese Anlage gilt nur in Verbindung mit Blatt 1 der Zeichengenehmigung <i>This Appendix is only valid in conjunction with page 1 of the marks approval</i>	
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303A

[illegible]

Werkstoff der Umspritzung: <i>Material of the moulding:</i>	Typ; Farbe <i>Type; colour</i>	PVC; Typ(e): TT-01; schwarz/ <i>black</i> DONGGUAN TAI TUNG ELECTRIC WIRE CO LTD		
Werkstoff der Trägereile: <i>Material of the base:</i>	Typ; Hersteller; Farbe <i>Type; manufacturer; colour</i>	PBT; Typ(e): 4830; schwarz/ <i>black</i> Chang Chun Plastics Co., Ltd.	geprüft unter AZ:/approved under VDE- Ref.: 1518100-1560-0006; schwarz/ <i>black</i>	PBT; Typ(e): 4830; schwarz/ <i>black</i> Chang Chun Plastics Co., Ltd.
Inneneinsatz: <i>Insert:</i>	Typ; Hersteller <i>Type; manufacturer</i>	Typ(e): 98651A-VDE; mit massiven Stiften/ <i>with solid pins</i> GEM	Typ(e): B05.008-D mit massiven Stiften/ <i>with solid pins</i> Taller GmbH	Typ(e): SP-023 mit Hohlstiften/ <i>with hollow pins</i> I-SHENG

VDE

		ZEICHENGENEHMIGUNG MARKS APPROVAL	Aktenzeichen: <i>File ref.:</i> 1276300-1560-0003/222475	Ausweis-Nr.: <i>Approval No.:</i> 40013526	Datum <i>Date</i> 2016-10-28
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Stecker Plug	2-polig mit Schutzkontakt 2-pole with earthing contact	Ausführung: Construction:	zentrale Leitungseinführung straight cable entry	Anlage-Nr.: Appendix No.:	302A
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<u>Fertigungsstätte / Place of manufacture:</u>			(max. 2 m)																					
30006554 :		“K”																						
Position im VDE-Ausweis <i>Position in VDE-approval</i>	Typ(en) <i>Type(s)</i>	Leitungsaufdruck <i>Marking on cable</i>																						
	SP-022	I-SHENG KSIS		--	X	X	X	X	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
				H03VV-F 3G 0,5 mm²	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	H05V2V2-F 3G 0,75 mm²	H05V2V2-F 3G 1,0 mm²	05VA5V-F 3G 0,75 mm²	5VA5V-F 3G 1,0 mm²			

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

Werkstoff der Umspritzung: <i>Material of the moulding:</i>	Typ; Farbe <i>Type; colour</i>	PVC; Typ(e): TT-01; schwarz/ black DONGGUAN TAI TUNG ELECTRIC WIRE CO LTD		
Werkstoff der Trägereile: <i>Material of the base:</i>	Typ; Hersteller; Farbe <i>Type; manufacturer; colour</i>	PBT; Typ(e): 4830; schwarz/ black Chang Chun Plastics Co., Ltd.	geprüft unter AZ:/approved under VDE-Ref.: 1518100-1560-0006; schwarz/ black	PBT; Typ(e): 4830; schwarz/ black Chang Chun Plastics Co., Ltd.
Inneneinsatz: <i>Insert:</i>	Typ; Hersteller <i>Type; manufacturer</i>	Typ(e): 98651A-VDE; mit massiven Stiften/ <i>with solid pins</i> GEM	Typ(e): B05.008-D mit massiven Stiften/ <i>with solid pins</i> Taller GmbH	Typ(e): SP-023 mit Hohlstiften/ <i>with hollow pins</i> I-SHENG

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Anlage-Nr.: 301A
Appendix No.:

(max. 2 m)

■■■

...

X $\triangleq$ genehmigte Ausführung / *approved version* --- $\triangleq$ nicht genehmigt / *not approved*

Typ(e): B05.008-D
mit massiven Stiften/ *with solid pins*
Taller GmbH

VDE

		ZEICHENGENEHMIGUNG MARKS APPROVAL	Aktenzeichen: <i>File ref.:</i> 1276300-1560-0003/222475	Ausweis-Nr.: <i>Approval No.:</i> 40013526	Datum <i>Date</i> 2016-10-28
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Stecker Plug	2-polig mit Schutzkontakt 2-pole with earthing contact	Ausführung: Construction:	zentrale Leitungseinführung straight cable entry	Anlage-Nr.: Appendix No.:	300A
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<u>Fertigungsstätte / Place of manufacture:</u>			(max. 2 m)																				
30005950	ohne Kennzeichnung / without marking																						
Position im VDE-Ausweis Position in VDE-approval	Typ(en) Type(s)	Leitungsaufdruck Marking on cable		H03VV-F 3G 0,5 mm²	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	H05V2V2-F 3G 0,75 mm²	H05V2V2-F 3G 1,0 mm²				
	SP-022	I-SHENG	--	--	X	--	--	--	--	--	--	--	--	--	--	--	--	--	--	---	---	---	---

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

Werkstoff der Umspritzung: <i>Material of the moulding:</i>	Typ; Farbe <i>Type; colour</i>	PVC; Typ(e): TT-01; schwarz/ black DONGGUAN TAI TUNG ELECTRIC WIRE CO LTD
Werkstoff der Trägereile: <i>Material of the base:</i>	Typ; Hersteller; Farbe <i>Type; manufacturer; colour</i>	PBT; Typ(e): 4830; schwarz/ black Chang Chun Plastics
Inneneinsatz: <i>Insert:</i>	Typ; Hersteller <i>Type; manufacturer</i>	Typ(e): P98651A-VDE mit massiven Stiften/ with solid pins GEM

VDE Prüf- und Zertifizierungsinstitut GmbH Diese Anlage gilt nur in Verbindung mit Blatt 1 der Zeichengenehmigung <i>This Appendix is only valid in conjunction with page 1 of the marks approval</i>		VDE
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CERTIFICATE

KEMA No.: 2124812.01



Issued to:

Applicant:

I-Sheng Electric Wire & Cable Co. Ltd.
No. 52, Tin Hwu Road, Ta Gann Village,
33334, GWAI SAN HSIAN, TAO YUAN HSIEN, Taiwan

Manufacturer/Licensee:

I-Sheng Electric Wire & Cable Co. Ltd.
No. 52, Tin Hwu Road, Ta Gann Village,
33334, GWAI SAN HSIAN, TAO YUAN HSIEN, Taiwan

Product : plug, (2-pole)

Trade name : I-SHENG

Type/model : SP-022

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 IEC 60884-1:2002/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

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: 19 March 2009 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



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KEMA Quality B.V. Utrechtseweg 310, 6812 AR Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands
T +31 26 3 56 20 00 F +31 26 3 52 58 00 customer@kema.com www.kema.com www.buyerrisk.com Registered Arnhem 09085396

Experience you can trust.

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

product	: plug, (2-pole)
trade name	: I-SHENG
type	: SP-022
rated current	: 16 A
rated voltage	: 250 V~
earthing	: with dual earthing contacts
design	: non-rewirable
standard sheet	: VII
applied flexible cord	: H03VV-F 3G0,75 mm ² H05VV-F 3G0,75, 3G1,0 and 3G1,5 mm ² H05RR-F 3G0,75, 3G1,0 and 3G1,5 mm ² H05RN-F 3G0,75 and 3G1,0 mm ² H07RN-F 3G1,0 and 3G1,5 mm ² 05VA5V-F 3G0,75 and 3G1,0 mm ² H05Z1Z1-F 3G0,75, 3G1,0 and 3G1,5 mm ²
certification mark	: complies with the specified requirements
cord 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

TESTS**Test requirements**

IEC 60884-1:2002 + A1:2006

NEN 1020:1987 + A2:2004

Test result

The test results are laid down in KEMA test file 2124812.01.

Remarks

This certificate replaces our certificate 2124048.01 dated 2009-02-23 and is also based on the VDE CB Test Certificate DE 1-40634



Conclusion

The examination proved that all test requirements were met.

Tested by : VDE

Checked by : H.R.M. Barends

Factory locations

I-Sheng Electronics (Kunshan) Co. Ltd.,
888 Tai Shan Road, Kunshan Development Zone,
215300, KUN SHAN CITY JIANG SU PROVINCE, China

I-Sheng Mfg Songgang Factory,
Tang Xia Yong Road, Songgang Town, Bao'An Area,
518105, SHENZHEN, GUANGDONG, China

I-Sheng Electric Wire & Cable Co. Ltd.
No. 52, Tin Hwu Road, Ta Gann Village,
33334, GWAI SAN HSIAN, TAO YUAN HSIEN, Taiwan

I-Sheng Electric Wire & Cable, Company (Vietnam)
Lot D4-2 Que Vo Road,
Que Vo Industrial park, Bac Ninh Province, Vietnam

LICENCE

No. 18010 replaces No.17122

Issued to:

Applicant:

I-Sheng Electric Wire & Cable Co. Ltd.

52, Tin Hwu Road

Ta Gann Village, Gwai San Hsian

33334 TAO YUANG HSIEN

Taiwan

Licensee:

I-Sheng Electric Wire & Cable Co. Ltd.

52, Tin Hwu Road

Ta Gann Village, Gwai San Hsian

33334 TAO YUANG HSIEN

Taiwan



Product : plugs (2-pole) for household purposes

Trade name(s) : I-SHENG

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.

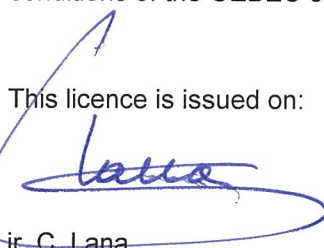
SGS CEBEC hereby declares that the above-mentioned product has been certified on the basis of:

- 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

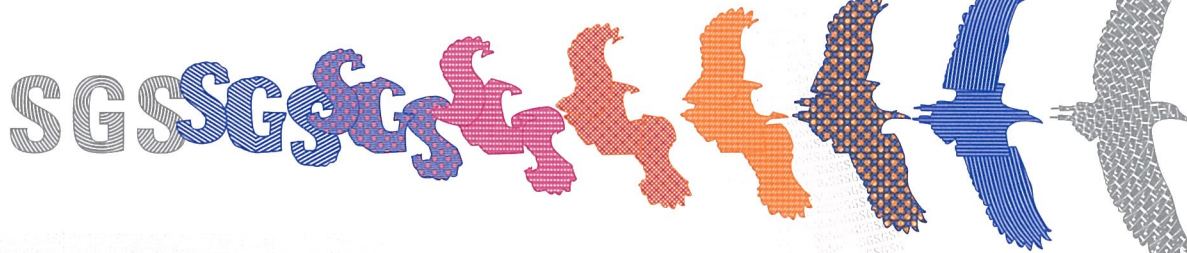
The CEBEC certification mark may be applied to the product as specified in this licence for the duration of the CEBEC certification agreement and under the conditions of the CEBEC certification agreement.

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



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	:	plugs (2-pole) for household purposes
Trade name(s)	:	I-SHENG
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:

I-Sheng Song Gang : C in a circle
I-Sheng Kunshan: K in a circle
I-Sheng Vietnam: V in a circle

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

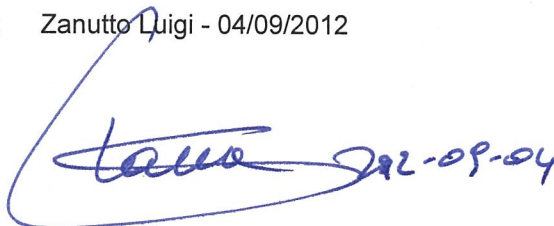
Conclusion

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)

I-Sheng Electric Wire & Cable Company (Vietnam)
 Lot D4-2 Que Vo Road
 Que Vo Industrial Park
 BAC NINH Province, Viet Nam

I-Sheng Manufacturing (Song Gang) Factory
 Tang Xia Yong Road,
 Songgang Town, Bao'An Area
 518105 SHENZHEN, GUANGDONG
 China

I-Sheng Electronics (Kunshan) Co. Ltd.
 No. 888, Tai Shan Road, Kunshan Development Zone
 Kun Shan City
 JIANG SU PROVINCE, China

DEMKO CERTIFICATE

Certificate No. D-06086
Page 1/3
Date of Issue 2017-09-19

Certificate Holder I-SHENG ELECTRIC WIRE & CABLE CO LTD
52 TIN HWU RD
TA GANN VILLAGE
GWA SAN HSIAN, 33334 TAOYUAN HSIEN Taiwan

Manufacturer I-SHENG ELECTRIC WIRE & CABLE CO LTD
52 TIN HWU RD
TA GANN VILLAGE
GWA SAN HSIAN, 33334 TAOYUAN HSIEN Taiwan

Production site I SHENG ELECTRONICS (KUNSHAN) CO LTD
KUNSHAN DEVELOPMENT ZONE
888 TAI SHAN RD
KUNSHAN, 215300 JIANGSU China

See Page 2

Certified Product Model Plug, non-rewirable
SP-022, with cord H03VV-F 3G0,75
SP-022, with cord H03V2V2-F 3G0,75
SP-022, with cord H03Z1Z1-F 3G0,75
See Page 2

Trademark I-SHENG

Rated Voltage / Frequency 250 V~
Rated Current / Power 16 A
Insulation Class -
Degree of protection (IP) 20
Tested acc. to DS 60884-2-D1:2017
Test Report No. NCS/FI 29931 issued on 2017-04-19
Additional This replaces previous certificate D-03909-M1
Expire date 2019-12-02

Certification Manager
Jan-Erik Storgaard

Certification Body

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.

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-06086
Page 2/3
Date of Issue 2017-09-19

Model Details:

SP-022, with cord H03VV-F 3G0,75
SP-022, with cord H03V2V2-F 3G0,75
SP-022, with cord H03Z1Z1-F 3G0,75
SP-022, with cord H05VV-F 3G0,75-1-1,5
SP-022, with cord H05V2V2-F 3G0,75-1
SP-022, with cord H05Z1Z1-F 3G0,75-1-1,5
SP-022, with cord 05VA5V-F 3G0,75-1
SP-022, with cord H05RN-F 3G0,75-1
SP-022, with cord H05RR-F 3G0,75-1-1,5
SP-022, with cord H07RN-F 3G1-1,5

Production Sites:

I SHENG MFG (SONG GANG) FACTORY
TANG XIA YONG RD
SONG GANG TOWN
BAO'AN
SHENZHEN, 518105 GUANGDONG China

I-SHENG ELECTRIC WIRE & CABLE CO (VIETNAM)
LOT D4-2, QUE VO ROAD
QUE VO INDUSTRIAL PARK
QUE VO DISTRICT, BAC NINH Viet Nam

External Certification Information:

NCS/FI 29931, issued on 2017-04-19 by SGS Fimko Ltd.

Additional Information:

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

Type of cable	Cross-section	Manufacturer
H03VV-F	3G0,75	I-SHENG KSIS/SGIS <VDE>
H03V2V2-F	3G0,75	I-SHENG SGIS <VDE>
H03Z1Z1-F	3G0,75	I-SHENG KSIS <VDE>
H05VV-F	3G0,75-1-1,5	I-SHENG KSIS/SGIS <VDE>
H05V2V2-F	3G0,75-1	I-SHENG SGIS <VDE>
H05Z1Z1-F	3G0,75-1-1,5	I-SHENG KSIS/SGIS <VDE>
05VA5V-F	3G0,75-1	I-SHENG <VDE>
H05RR-F	3G0,75-1-1,5	I-SHENG KSIS <VDE>
H05RN-F	3G0,75-1	I-SHENG KSIS <VDE>
H07RN-F	3G1-1,5	I-SHENG KSIS <VDE>

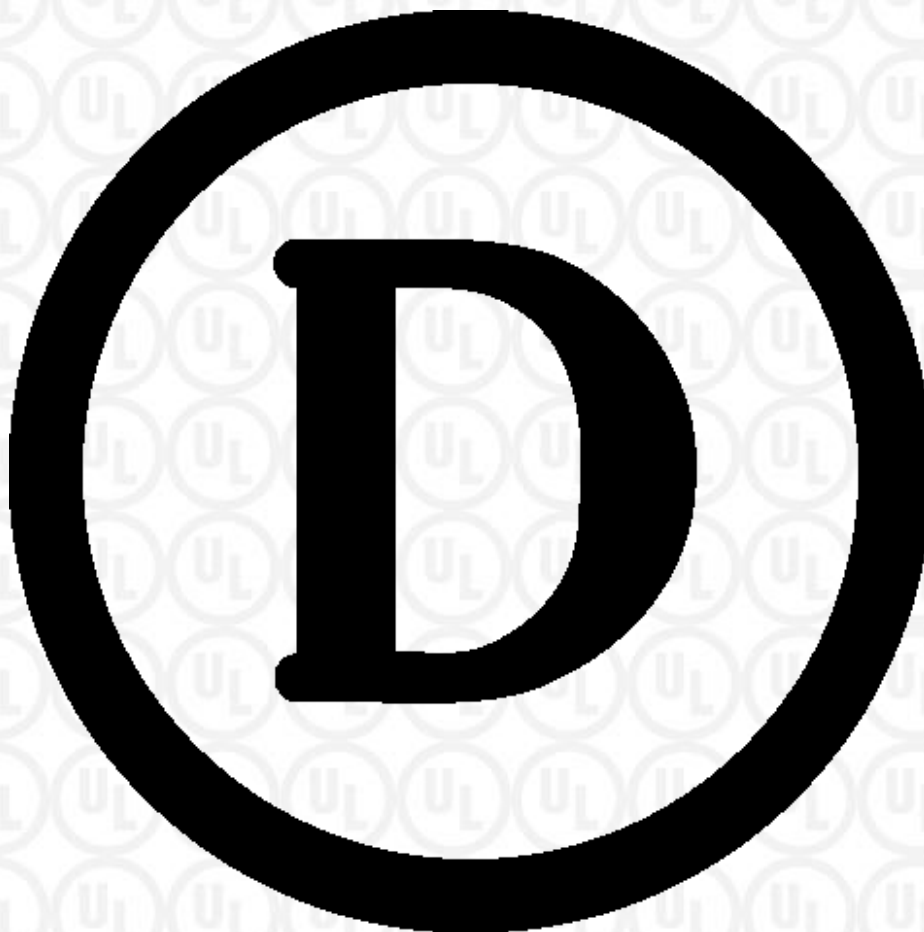
Certification Body

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-06086
Page 3/3
Date of Issue 2017-09-19



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



Intertek

for European Product Safety

Reference No. 1710981

Plug, non rewirable

Type designation

SP-022

Certificate holder

I-Sheng Electric Wire & Cable Co., Ltd.
52, Tin Hwu Road, Ta Gann Village
Gwai San Hsian, TAO YUANG HSIEN, 33334
TAIWAN

The product complies with
the standard(s)

IEC 60884-1:2002 + A1 + A2
SS 428 08 34:2013

Date of expiry

2 December 2019

EU Directive information

According to the principle of presumption of conformity, this certificate constitutes support for an EC Declaration of Conformity and CE marking according to the Low Voltage Directive 2014/35/EU.

Additional information in Appendix.

Certification Body

Intertek Semko AB, Product Certification

Place

Kista - Stockholm

Signed


Bo Berglöv

Date

3 May 2017

Page 1 of 3



Intertek
Appendix

Reference No. 1710981

Technical data
Type designation
Rated voltage (V)
Rated current (A)
IP-Class
Type of cord

SP-022
250 V~
16 A
20
H03VV-F 3G0.75
H03V2V2-F 3G0.75
H03Z1Z1-F 3G0.75
H05VV-F 3G0.75-1-1.5
H05V2V2-F 3G0.75-1
H05Z1Z1-F 3G0.75-1-1.5
05VA5V-F 3G0.75-1
H05RN-F 3G0.75-1
H05RR-F 3G0.75-1-1.5
H07RN-F 3G1-1.5
CEE 7 / VII
I-SHENG

Standard sheet
Brand name:

Manufacturing site(s)

I-Sheng Electronics (Kunshan) Co., Ltd.
No. 888, Tai Shan Road, Kunshan Development Zone
Kun Shan City, JIANG SU PROVINCE, CHINA

I-Sheng Manufacturing (Song Gang) Factory
Tang Xia Yong Road,
Songgang Town Bao'An Area, Shenzhen City, CHINA

I-Sheng Electric Wire&Cable Company (Vietnam)
Que Vo Industrial Park, Van Duong Ward Bac Ninh City
Bac Ninh Province, VIET NAM

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. 1710981

This certificate is based on a certificate with ref. No. NCS/FI 29931 dated 19 of April 2017, issued by SGS Fimko Ltd according to the Nordic Certification Service Agreement.

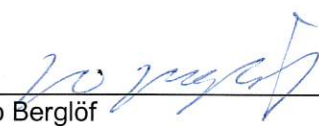
Certification Body

Intertek Semko AB, Product Certification

Place

Kista - Stockholm

Signed


Bo Berglöf

Date

3 May 2017

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, non rewirable	
Applicant	I-Sheng Electric Wire & Cable Co., Ltd. 52, Tin Hwu Road., Ta Hua Village, Gwai San Hsian 33378 Tao Yuan Hsien Taiwan	
Manufacturer	I-Sheng Electric Wire & Cable Co., Ltd. 52, Tin Hwu Road., Ta Hua Village, Gwai San Hsian 33378 Tao Yuan Hsien Taiwan	
Factory	(3) See page 2	
Ratings	16A, 250V AC	
Trade mark	I-SHENG	
Model / Type Ref.	SP-022	
Principal characteristics	Non-rewirable plug with cord H03VV-F 3G0.75mm ² . Standard sheet VII. IP20	
A sample of the product was tested and found to be in conformity with	INST	IEC 60884-1:2002, IEC 60884-1:2002/AMD1:2006, IEC 60884-1:2002/AMD2:2013 NEK 502:2016
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 page 3	
Additional model(s)	(9) See page 2	

Date of issue 22-05-2017



Nastaran Vadoodi

Certification Department

Nemko AS

Gaustadalléen 30, P.O. Box 73 Blindern, 0314 Oslo, Norway
TEL +47 22 96 03 30 FAX +47 22 96 05 50 EMAIL info@nemko.com
ENTERPRISE NUMBER NO974404532

Additional model(s)

Product	Plugs, non rewirable
Pos. No	1
Model / Type Ref.	SP-022
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug with cord H05RR-F 3G0.75-1-1.5mm ² . Standard sheet VII. IP20
Product	Plugs, non rewirable
Pos. No	2
Model / Type Ref.	SP-022
Trade mark (if different from page 1)	
Rating	16A 250V AC
Principal characteristics	Non-rewirable plug with cord H05VV-F 3G0.75-1-1.5mm ² . Standard sheet VII. IP20
Product	Plugs, non rewirable
Pos. No	3
Model / Type Ref.	SP-022
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
Product	Plugs, non rewirable
Pos. No	4
Model / Type Ref.	SP-022
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, non rewirable
Pos. No	5
Model / Type Ref.	SP-022
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

Date of issue 22-05-2017



Nastaran Vadoodi

Certification Department

Nemko AS

Gaustadalléen 30, P.O. Box 73 Blindern, 0314 Oslo, Norway
TEL +47 22 96 03 30 FAX +47 22 96 05 50 EMAIL info@nemko.com
ENTERPRISE NUMBER NO974404532

Product	Plugs, non rewirable
Pos. No	6
Model / Type Ref.	SP-022
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, non rewirable
Pos. No	7
Model / Type Ref.	SP-022
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
Product	Plugs, non rewirable
Pos. No	8
Model / Type Ref.	SP-022
Trade mark (if different from page 1)	
Rating	16A, 250V AC
Principal characteristics	Non-rewirable plug with cord H03V2V2-F 3G0.75mm ² . Standard sheet VII. IP20
Product	Plugs, non rewirable
Pos. No	9
Model / Type Ref.	SP-022
Trade mark (if different from page 1)	
Rating	16A, 250V AC
Principal characteristics	Non-rewirable plug with cord H05V2V2-F 3G0.75-1mm ² . Standard sheet VII. IP20

Factories

I-Sheng Manufacturing (Song Gang) Factory
Tang Xia Yong Road
Songgang Town, Bao' An District
Shenzhen City, Guangdong 518105
China

I-Sheng Electronics (Kunshan) Co., Ltd.
888 Tai Shan Road Kunshan Development Zone
215300, Kunshan City, Jiang Su Province
China

I-Sheng Electric Wire & Cable Company (Vietnam)
Lot D4-2 Que Vo Road, Que Vo Industrial Park
Van Duong Ward Bac Ninh City
Bac Ninh Province
Viet Nam

Type of cable Cross-section Manufacturer

Additional information	HO3W-F	3G0,75	I-SHENG KSIS/SGIS <VDE>
	H03V2V2-F	3G0,75	I-SHENG SGIS <VDE> I-
	H03Z1Z1-F	3G0,75	SHENG KSIS <VDE> I-
	HO5W-F	3G0,75-1-	SHENG KSIS/SGIS <VDE>
	H05V2V2-F	1,5 3G0,75-1	I-SHENG SGIS <VDE> I-
	H05Z1Z1-F	3G0,75-1-	SHENG KSIS/SGIS <VDE>
	05VA5V-F	1,5 3G0,75-1	I-SHENG <VDE>
	HO5RR-F	3G0,75-1-	I-SHENG KSIS <VDE> I-
	HO5RN-F	1,5 3G0,75-1	SHENG KSIS <VDE> I-
	HO7RN-F	3G1-1,5	SHENG KSIS <VDE>

Date of issue 22-05-2017



Nastaran Vadoodi

Certification Department

Nemko AS

Gaustadalléen 30, P.O. Box 73 Blindern, 0314 Oslo, Norway
TEL +47 22 96 03 30 FAX +47 22 96 05 50 EMAIL info@nemko.com
ENTERPRISE NUMBER NO974404532



CERTIFICATE FI 28912 A1

Our Ref. 278421

Product Plug, non-rewirable

Type SP-022, with cord H05RN-F 3G0,75-1
 SP-022, with cord H05RR-F 3G0,75-1-1,5
 SP-022, with cord H07RN-F 3G1-1,5
 SP-022, with cord H05VV-F 3G0,75-1-1,5
 SP-022, with cord H03VV-F 3G0,75
 SP-022, with cord 05VA5V-F 3G0,75-1
 SP-022, with cord H03V2V2-F 3G0,75
 SP-022, with cord H05V2V2-F 3G0,75-1
 SP-022, with cord H03Z1Z1-F 3G0,75
 SP-022, with cord H05Z1Z1-F 3G0,75-1-1,5

Trade mark



Certificate Holder I-Sheng Electric Wire & Cable Co., Ltd.
 52, Tin Hwu Road, Ta Gann Village, Gwai San Hsian, 33334 TAOYUAN HSIEN,
 TAIWAN

Manufacturer I-Sheng Electric Wire & Cable Co., Ltd.
 52, Tin Hwu Road, Ta Gann Village, Gwai San Hsian, 33334 TAOYUAN HSIEN,
 TAIWAN

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 02 December 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.

Date of issue 06 February 2015

SGS Fimko Ltd

Signature



Sixten Lökfors
 Project Manager



This certificate has 2 appendixes



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.

Manufacturing sites

I-Sheng Manufacturing (Song Gang) Factory,
Tang Xia Yong Road, Songgang Town, Bao'An District Shenzhen City,
GUANGDONG 518105, CHINA
Marking for the identification of the manufacturing place(s): C

I-Sheng Electronics (Kunshan) Co., Ltd.
888 Tai Shan Road, Kunshan Development Zone, 215300 Kunshan City,
JIANG SU PROVINCE, CHINA
Marking for the identification of the manufacturing place(s): K

I-Sheng Electric Wire & Cable Company (Vietnam)
Lot D4-2 Que Vo Road, Que Vo Industrial Park, BAC NINH PROVINCE,
VIETNAM
Marking for the identification of the manufacturing place(s): V

Additional information

The products have certificates DE1-50903 and DE1-52967 issued by
VDE Testing and Certification Institute in accordance with the
CB-system.

Used cables: for manufacturing place in Kunshan "K"				
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>
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>
Used cables: for manufacturing place in Song Gang "C" and Vietnam "V"				
Type of cable:		Cross sectional areas:	Manufacturer:	
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>
Used cables: for manufacturing place in Song Gang "C"				
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>
05VA5V-F	3G	0,75/ 1,0 mm ²	I-SHENG	<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>

Appendix 2 to Certificate: FI 28912 A1

Used cables: for manufacturing place in Kunshan with bend prevention A			
Type of cable:		Cross sectional areas:	Manufacturer:
H03Z1Z1-F	3G	0,75 mm ²	I-SHENG KSIS <VDE>
H05Z1Z1-F	3G	0,75/ 1,0/ 1,5 mm ²	I-SHENG KSIS <VDE>
Used cables: for manufacturing place in Kunshan with bend prevention B			
Type of cable:		Cross sectional areas:	Manufacturer:
H05Z1Z1-F	3G	0,75 mm ²	I-SHENG KSIS <VDE>
Used cables: for manufacturing place in Vietnam with bend prevention B			
Type of cable:		Cross sectional areas:	Manufacturer:
H05Z1Z1-F	3G	0,75 mm ²	I-SHENG SGIS <VDE>

This certificate replaces previous certificate FI 28912, dated 02 December 2014.

Addition of two new types SP-022., with cord H03Z1Z1-F 3G0,75 and SP-022., with cord H05Z1Z1-F 3G0,75-1-1,5

Our ref. no.

278421-2



ÖVE-CERTIFICATE

including the entitlement to use the Austrian Safety Mark



Certificate No.: 8556-003-14

Valid from: 2017 10 27
until: 2019 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: **I-SHENG ELECTRIC WIRE & CABLE Co.Ltd**
52 Tin Hwu Road, Ta Gann Village,
33334 Gwai San Hsian, Tao Yuang Hsien
Taiwan

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

The products submitted by the applicant were type tested in accordance with the requirements of the technical standards and specifications listed in this certificate. OVE certifies the conformity of the listed products and those products manufactured strictly identical to the submitted ones (ISO/IEC 17067, Conformity Assessment Scheme Type 5).

The manufacturing process and the products are subject to ongoing surveillance based on harmonized European procedures. This certificate has been issued under the presumption and conditional on the fact that the applicant holds all necessary legal rights with regard to the product, presented for the testing and certification.

Results of testing are shown in file No(s): 2936, 2768, 2547, 2148, 1942, 1065-723/99-NA1/N1

Österreichischer Verband für Elektrotechnik
Head of Testing & Certification

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

Dipl.-Ing. W. Martin

Vienna, 2017 09 13



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.: 8556-003-14
Date: 2017 09 13
Page 2 of 5

Manufacturer:

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

Factory location(s):

I-SHENG MANUFACTURING (Song Gang) Factory
Tang Xia Yong Road, Song Gang Town,
Bao'An Area, Shenzhen Guangdong
China

I-SHENG Electronics (Kunshan) Co., Ltd.
No. 888, Tai Shan Road, Kunshan Development Zone,
Kun Shan City, Jiang Su Province
China

I-Sheng Electric Wire & Cable Company (Vietnam)
Lot D4-2 Que Vo Road, Que Vo Industrial Park,
Bac Ninh Province
Vietnam

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

I-SHENG

SP-022

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

I-SHENG

SP-022

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

I-SHENG

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.bmfwf.gv.at/accreditation





SP-022 Rated voltage: AC 250 V Rated current: 16 A H05VV-F 3 G 1,5	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H05RR-F 3 G 0,75	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H05RR-F 3 G 1	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H05RR-F 3 G 1,5	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H05RN-F 3 G 0,75	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H05RN-F 3 G 1	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A 05VA5A-F 3 G 0,75	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A 05VA5A-F 3 G 1	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H05Z1Z1-F 3 G 0,75	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H05Z1Z1-F 3 G 1	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H05Z1Z1-F 3 G 1,5	I-SHENG

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.bmfwf.gv.at/accreditation





SP-022 Rated voltage: AC 250 V Rated current: 16 A H07RN-F 3 G 1	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H07RN-F 3 G 1,5	I-SHENG
SP-022 Rated voltage: AC 250 V Rated current: 16 A H03Z1Z1-F 3 G 0,75	I-SHENG
SP-023 Rated voltage: AC 250 V Rated current: 16 A H03VV-F 3 G 0,75	I-SHENG
SP-023 Rated voltage: AC 250 V Rated current: 16 A H05VV-F 3 G 0,75	I-SHENG
SP-023 Rated voltage: AC 250 V Rated current: 16 A H05VV-F 3 G 1	I-SHENG
SP-023 Rated voltage: AC 250 V Rated current: 16 A H05VV-F 3 G 1,5	I-SHENG
SP-023 Rated voltage: AC 250 V Rated current: 16 A H05RR-F 3 G 0,75	I-SHENG
SP-023 Rated voltage: AC 250 V Rated current: 16 A H05RR-F 3 G 1	I-SHENG
SP-023 Rated voltage: AC 250 V Rated current: 16 A H05RR-F 3 G 1,5	I-SHENG
SP-023 Rated voltage: AC 250 V Rated current: 16 A H05RN-F 3 G 0,75	I-SHENG

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

I-SHENG

SP-023

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

I-SHENG

SP-023

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

I-SHENG

SP-023

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

I-SHENG

SP-023

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

I-SHENG

SP-023

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

I-SHENG

SP-023

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

I-SHENG

SP-023

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

I-SHENG

SP-023

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

I-SHENG

SP-023

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

I-SHENG

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.bmfwf.gv.at/accreditation



PID:

02113100

CID:

C.1993.495

Certificato di approvazione

Approval certificate

**IMQ, ente di certificazione accreditato,
autorizza la ditta**

IMQ, accredited certification body, grants to

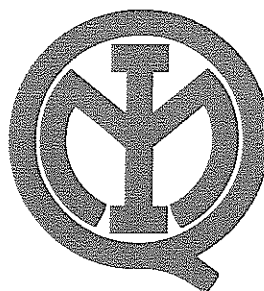
**I SHENG ELECTRIC WIRE & CABLE CO. LTD
52, TIN HWU ROAD - TA GANN VILLAGE GWAI SAN
HSIAN
TAO YUANG HSIEN
TW - Taiwan**

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-022)**

for the following products

*Non-rewirable plugs
(Type ref. SP-022)*

*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

I SHENG ELECTRIC WIRE & CABLE CO. LTD
52, TIN HWU ROAD - TA GANN VILLAGE GWAI SAN HSIAN
TAO YUANG HSIEN
TW - Taiwan

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
PIJ00091	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

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

Standards

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

Rapporti | Test Reports

26LJ00017

Caratteristiche tecniche | Technical characteristics

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

Articoli (con dettagli) | Articles (with details)

DAT94004220.1

Marca Trade mark	I-SHENG
Riferimento di tipo Type reference	SP-022
Tipo di cavo Type of cable	H03VV-F
Sezione nominale Section areas	3G0,75 mm²

DAT94004220.2

Marca Trade mark	I-SHENG
Riferimento di tipo Type reference	SP-022
Tipo di cavo Type of cable	H05VV-F
Sezione nominale Section areas	3G0,75 mm²

DAT94004220.3

Marca Trade mark	I-SHENG
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Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05VV-F**
Sezione nominale / Section areas **3G1,00 mm²**

DAT94004220.4

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05VV-F**
Sezione nominale / Section areas **3G1,50 mm²**

AR.F0010X

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05RR-F**
Sezione nominale / Section areas **3G0,75 mm²**

AR.F0010Y

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05RR-F**
Sezione nominale / Section areas **3G1,00 mm²**

AR.F0010Z

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05RR-F**
Sezione nominale / Section areas **3G1,50 mm²**

AR.F00110

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05RN-F**
Sezione nominale / Section areas **3G0,75 mm²**

AR.F00111

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05RN-F**
Sezione nominale / Section areas **3G1,00 mm²**

AR.F00112

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H07RN-F**
Sezione nominale / Section areas **3G1,00 mm²**

AR.F00113

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H07RN-F**
Sezione nominale / Section areas **3G1,50 mm²**

AR.H00E8M

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **05VA5V-F**
Sezione nominale / Section areas **3G0,75 mm²**

AR.H00E8N

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **05VA5V-F**
Sezione nominale / Section areas **3G1,00 mm²**

AR.J003MV

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05Z1Z1-F**

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

AR_J003MW

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
Tipo di cavo / Type of cable **H05Z1Z1-F**
Sezione nominale / Section areas **3G1,00 mm²**

AR_J003MX

Marca / Trade mark **I-SHENG**
Riferimento di tipo / Type reference **SP-022**
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 = I-SHENG Manufacturing (Song Gang) China;
- K = I-SHENG Electronics (Kunshan) China;
- V = I-SHENG Electric Wire & cable (Bac Ninh) Vietnam;
- = I-SHENG Electric Wire & Cable (Tao Yuang Hsien) Taiwan.

La spina rif. di tipo SP-022 è prodotta con il seguente inserto:
Marca GEM, art. 98651A-VDE, colore nero.

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

- C = I-SHENG Manufacturing (Song Gang) China;
- K = I-SHENG Electronics (Kunshan) China;
- V = I-SHENG Electric Wire & cable (Bac Ninh) Vietnam;
- = I-SHENG Electric Wire & Cable (Tao Yuang Hsien) Taiwan.

The non-rewirable plug type ref. SP-022 is manufactured with the following insert:
Trade mark GEM, art. 98651A-VDE, black color.

Componenti | Component List

Type ref. SP-022

Tipo / Type	(*) Costruttore / Manufacturer	Riferimento / Type Ref.	Dati / Data	Norme / Standard (*)	Marchi / Marks
Cavo / Cable	2	I-Sheng Electric Wire & Cable	H03VV-F, H05VV-F, H05RR-F, H05RN-F, H07RN-F, 05VA5V-F, 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

Diritti di concessione | Annual Fees

DAT94004220 6TJ.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.



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



LICENCE



LCIE N° 608922

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:

Fiche de prise de courant
Plug

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

I-SHENG

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 :

I-SHENG ELECTRIC WIRE & CABLE COMPANY (Vietnam) (1786AP)
Lot D4-2 Que Vo Road, Que Vo Industrial Park - Bac Ninh Province -
VIÊT NAM

I-SHENG ELECTRONICS (KUNSHAN) Co. Ltd (1458AP)
888, Tai Shan Road Kunshan Development Zone - Kun Shan City -
Jiang Su Province - CHINE

I-SHENG MANUFACTURING (Song Gang) Factory (1376AP)
Tang Xia Young road, Songgang Town, Bao'An Area Shenzhen -
518105 GUANGDONG - CHINE





ANNEXE / ANNEX 2 - LCIE N°608922

LCIE

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	I-Sheng Electric Wire & Cable Co., Ltd.	NF USE
	H05VV-F 3G0,75 / 1 / 1,5	I-Sheng Electric Wire & Cable Co., Ltd.	NF USE
	H05RR-F 3G0,75 / 1 / 1,5	I-Sheng Electric Wire & Cable Co., Ltd.	VDE
	H05RN-F 3G0,75	I-Sheng Electric Wire & Cable Co., Ltd.	VDE
	H05RN-F 3G1	Dong Guan Yong Tai Electric Wire & Cable Co., Ltd.	SGS FIMKO
	H07RN-F 3G1	Dong Guan Yong Tai Electric Wire & Cable Co., Ltd.	OVE
	H07RN-F 3G1,5	I-Sheng Electric Wire & Cable Co., Ltd.	USE HAR
	H03Z1Z1-F 3G0,75	I-Sheng Electric Wire & Cable Co., Ltd.	VDE
	H05Z1Z1-F 3G0,75 / 1 / 1,5	I-Sheng Electric Wire & Cable Co., Ltd.	VDE



CERTIFICATE ENEC/FI 2016048

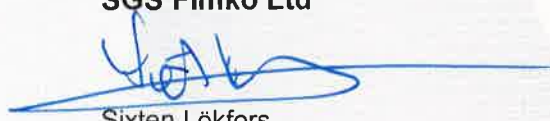


Our Ref. 284423-3

Product	Connector, non-rewirable
Rating and principal characteristics	2,5 A, 250 V~, IP20
Trade mark (if any)	I SHENG
Type	IS-034, with cords, see page 2 of this Certificate IS-039, with cords, see page 2 of this Certificate
Name and address of the licensee	I-Sheng Electric Wire & Cable Co., Ltd. 52, Tin Hwu Road, Ta Gann Village, Gwai San Hsian 33334 TAOYUAN HSIEN, TAIWAN
Address of the manufacturer	I-Sheng Electric Wire & Cable Co., Ltd. 52, Tin Hwu Road, Ta Gann Village, Gwai San Hsian 33334 TAOYUAN HSIEN, TAIWAN
Is in conformity with	EN 60320-1:2015 EN 60320-3:2014
As shown in the Test Report(s) No(s)	284423 3
It is authorized to use of the marks	ENEC 16 and FI
Validity	This certificate is valid until 27 June 2021 provided that the Conditions for ENEC and FI certification are met. This certificate includes the right to use the ENEC 16 and FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.
Directive information	The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.
With the following limitations	-
Date of issue	27 June 2016

SGS Fimko Ltd

Signature



Sixten Lökfors

Project Manager



This certificate has 2 pages



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)

Page No.: 2 of Certificate No.: ENEC/FI 2016048

Additional information



Standard sheet C5

IS-034 straight version, with two alternative cord-anchorage
IS-039 angled version

Type and cords:

IS-034, with cord H03VV-F 3G0,75
IS-034, with cord H05VV-F 3G0,75-1
IS-034, with cord H03Z1Z1-F 3G0,75
IS-034, with cord H05Z1Z1-F 3G0,75-1
IS-039, with cord H03VV-F 3G0,75
IS-039, with cord H05VV-F 3G0,75-1
IS-039, with cord H03Z1Z1-F 3G0,75
IS-039, with cord H05Z1Z1-F 3G0,75-1

The product has certificate FI 9328 issued by SGS Fimko Ltd. in accordance with the CB system.

This certificate replaces Certificate FI 26889 dated 28 June 2016, due to updated standard.

Manufacturing site(s)

I-Sheng Manufacturing (Song Gang) Factory
Tang Xia Yong Road
Songgang Town, Bao'An District
Shenzhen City, GUANGDONG 518105, CHINA

I-Sheng Electronics (Kunshan) Co., Ltd.
888 Tai Shan Road
Kunshan Development Zone
215300 Kunshan City
JIANG SU PROVINCE, CHINA

I-Sheng Electric Wire & Cable Company (Vietnam)
Lot D4-2 Que Vo Road
Que Vo Industrial Park
BAC NINH PROVINCE, VIETNAM