

Datasheet

RS PRO 2m Power Cable

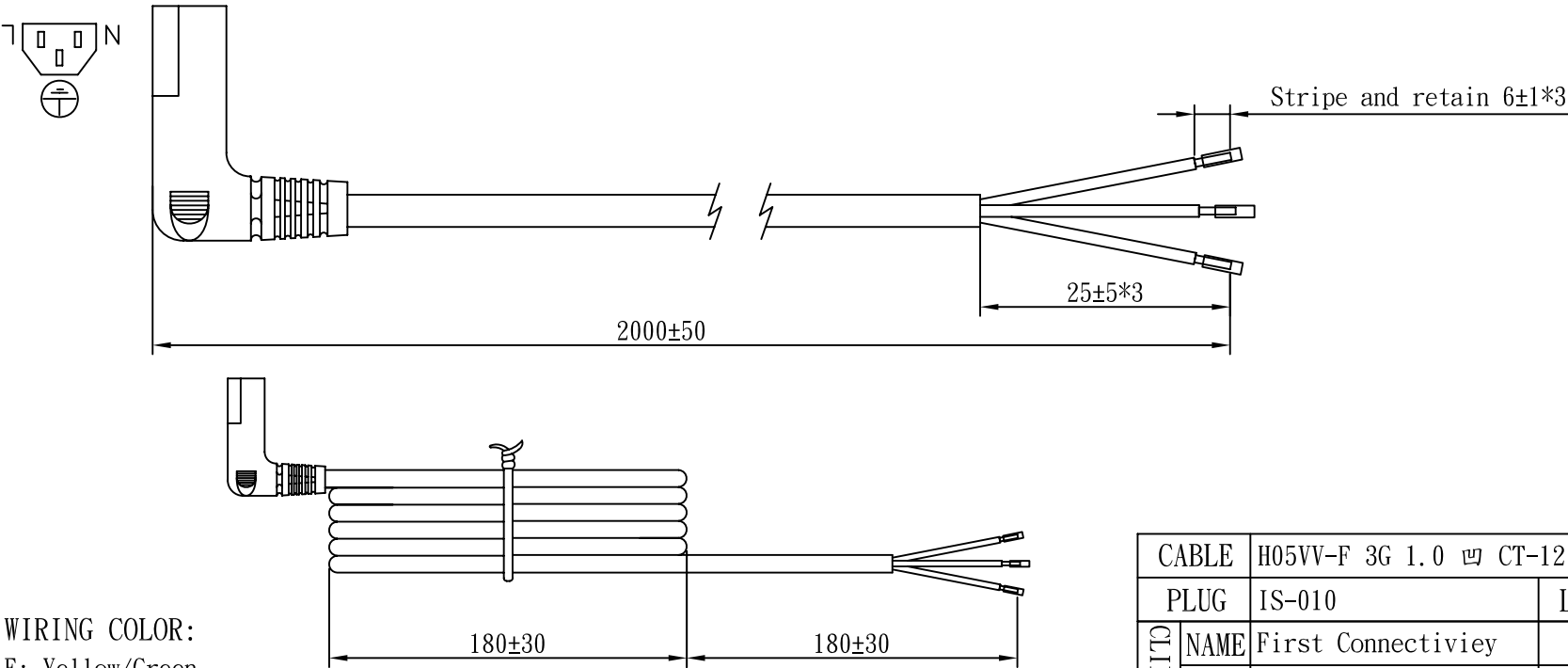
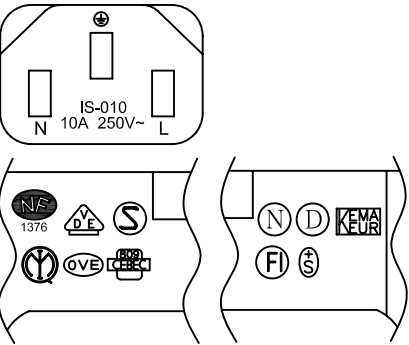
Stock No: 731-6210



CONTENT

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

MARKING:

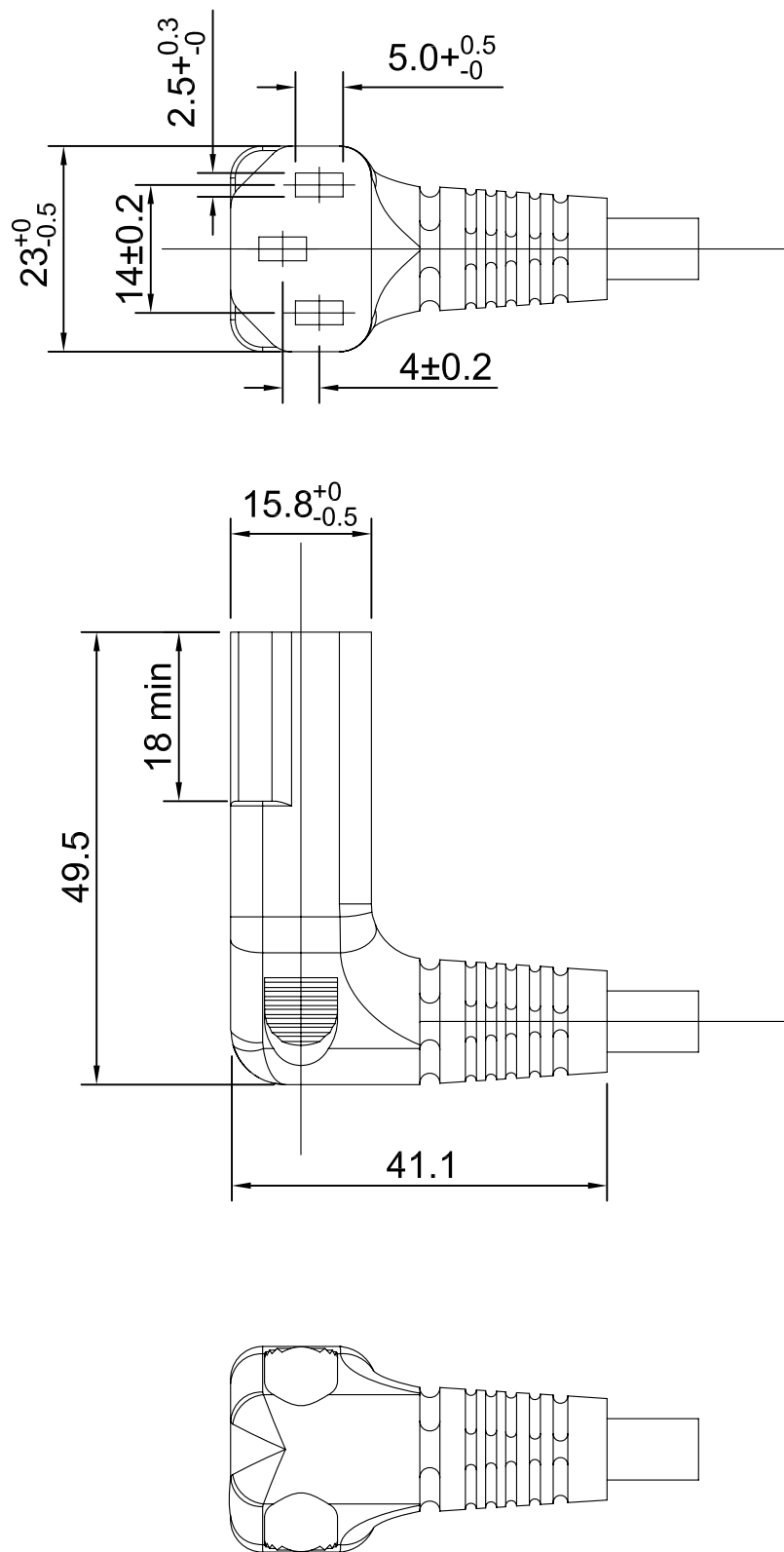


WIRING COLOR:
E: Yellow/Green
N: Blue
L: Brown

LENGED ON CORD: (205-14)	
SGIS <VDE> KEMA-KEUR 1376 <D.F.> △CEBEC 809 S D N D NF-USE 1346 IEMMEQU H05VV-F 3G 1.0mm ² 60227 IEC 53 RVV 300/500V A003083 3ASL/100 4V-75 V-75(75°C) 250/440V ORDINARY DUTY Q90033 -LF- CE	

No	BOM ITEM	Q' TY	P/N
1	KPR-14 BLADE	3 PCS	BBB14000
2	IS-14 INNER BODY	1 PCS	MI014000
3	PVC 45P (SA87, IS-010)	19 g	RPP04512
4	PE TIE (BLACK, 6 inch)	1 pcs	KBB10006

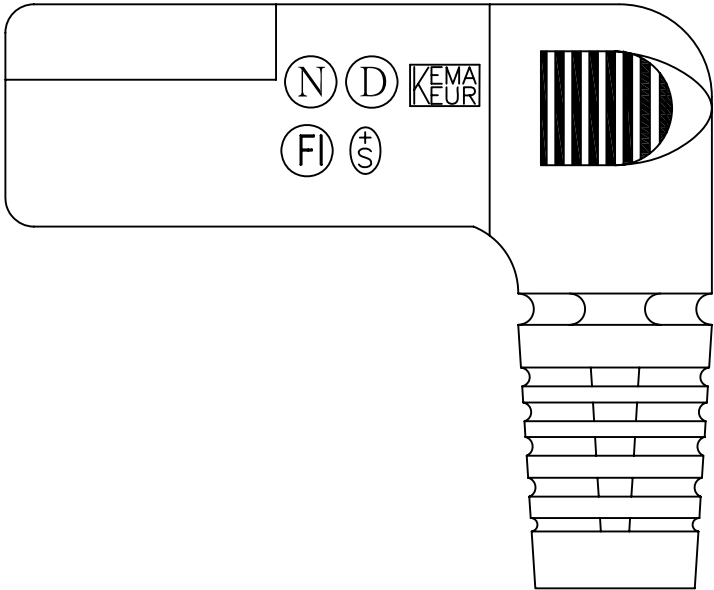
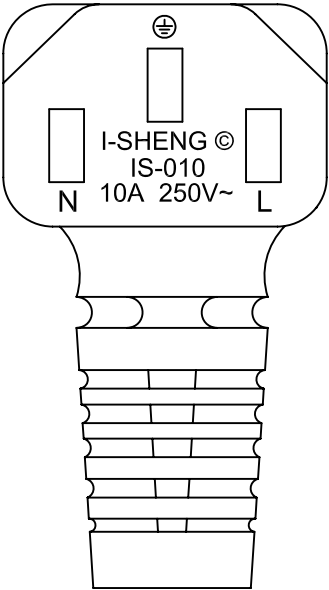
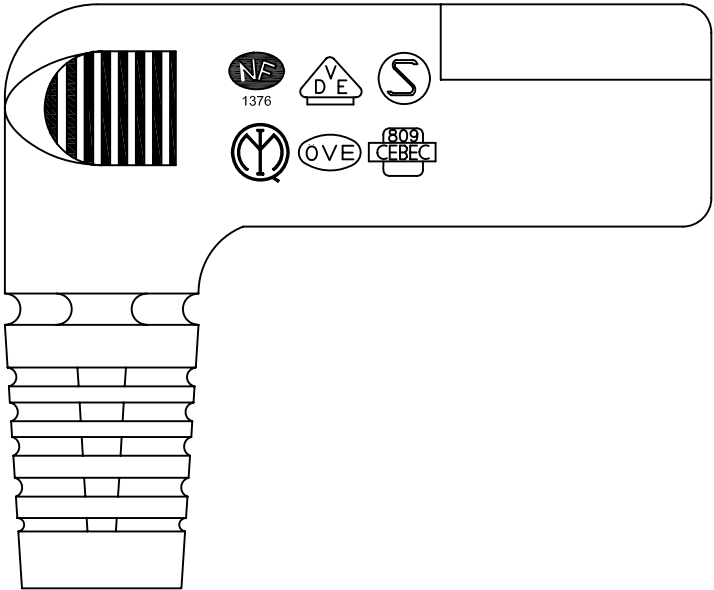
CABLE		H05VV-F 3G 1.0 凹 CT-12 (BLACK)			
PLUG		IS-010	LENGTH	2000	UNIT mm
CLIENT	NAME	First Connectiviey	N/W		UNIT kg
	P/N	7440938	SG DWG	SR-141993-4	VER. A
				Design. by	楊望春 (14. 8. 08)
				Review. by	朱曉玲 (14. 8. 08)
				Approval. by	周德雲 (14. 8. 08)
L10 6C3016 12 200 00					



DWG. NAME	TYPE AND DIMENSIONS				TOLERANCE	
APPLY TO STANDARD	EU & KOREA& US & JP & AU & ASTA & CCC APPROVAL POWER SUPPLY CORD					
ISSUE DATE	2012/11/08	REV.	A		≤ 1.0	±0.3
REVISE DATE		UNIT	mm			
TYPE	IS-010	DWG. NO.	L10-1		≤ 10.0	±0.5
WIRE	H05VV-F 0.75/3, VCTF 0.75/3C, SVT, SJT 18AWGX3C					
		DESIGN BY	FANNY WANG		≤ 20.0	±1.0
		REVIEW BY	BECKY CHEN			
		APPROVE BY	RYAN LAI		> 20.0	±2.0

MARKING

ISSUDE 2010.07.14	STD. NAME EUROPE APPROVAL POWER SUPPLY CORD	FILE NO. L10-01-1
REVISED A	CAT NO. IS-010 成品標識示意圖	PAGE 1



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

Rev. 1.0

Issued	2014/7/1	Description	File No.	L106C3016
Revised		IS-010 H05VV-F 3G 1.0mm ²	Page	1/1

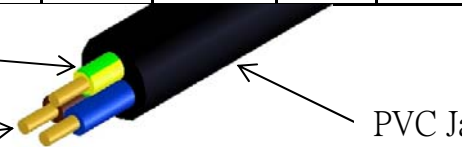
1. Scope :

This specification is applied to power supply cord conforming to:
IEC 60227 IEC 60320-1

2. Construction and dimensions:

In accordance with the following tables and attached drawings.

Item	Cat. No.	Rating		Approved No.
		A	V	
Connector	IS-010	10	250	As attachment

Flexible cord					H05VV-F 3G 1.0mm 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 19.5 Ω/km at 20°C
								In case of dispute, Conductor resistance shall be the referee method.
1.0	32/ § 0.20+0,-0.015	0.6	0.44	§ 2.5±0.1	0.8	0.58	§ 6.9±0.2	
<div><div>PVC Insulation</div><div>Copper Conductor</div><div>PVC Jacket</div></div> <td>Insulation Color</td>								Insulation Color
								Blue
								Brown
								Yellow/Green

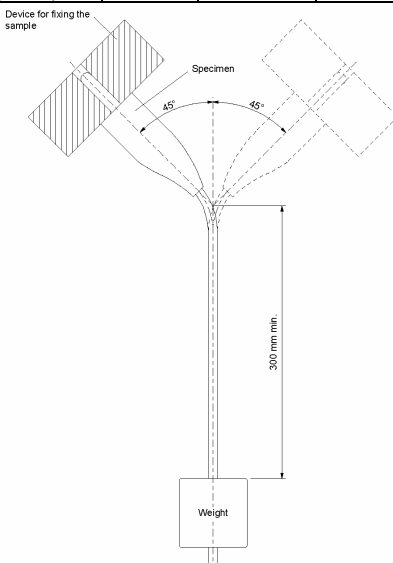
3. Cable marking on the sheath:

<p>Shenzhen:</p> <p>SGIS <VDE>KEMA-KEUR UL UL UL <VDE> ΔCEBEC 809 S D N F NF-USE 1346 IEMMEQU H05VV-F 3G 1.0mm² 60227 IEC 53 RVV 300/500V CCC A003083 3ASL/100 4V-75 V-75(75°C) 250/440V ORDINARY DUTY Q90033 -LF- CE</p>
<p>Kunshan:</p> <p>KSIS <VDE>KEMA-KEUR UL UL UL <VDE> ΔCEBEC 809 S D N F NF-USE 1353 IEMMEQU H05VV-F 3G 1.0mm² 60227 IEC 53 RVV 300/500V CCC A041481 3ASL/100 4V-75 V-75(75°C) 250/440V ORDINARY DUTY Q90033 -LF- CE</p>

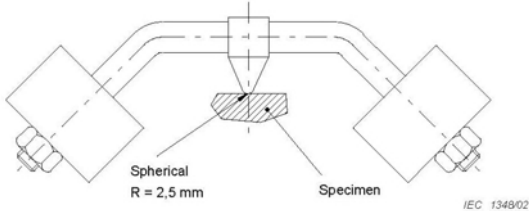
發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
修訂 REVISED 2010.05.24	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR EUROPE	SPEC-EU-C

Items 項目	Conditions 條件	Specification 規格
1 Insulation resistance 絕緣抵抗	<p>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.</p> <p>Between all poles connected together and the body.</p> <p>Between each pole in turn and all others, these being connected to the body.</p>	The insulation resistance shall be not less than 100 MΩ.
2 Electric strength 耐電壓	<p>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</p> <p>Between each contact in turn and the others connected together. <u>2800V</u>/1min.</p> <p>Between the current-carrying contacts connected together and the body. <u>4000</u> V/1 min.</p>	No flashover or breakdown shall occur during the test.
3 Moisture resistance 耐濕性	<p>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.</p> <p>Before being placed in the humidity cabinet, the specimens are brought to a temperature between $t^{\circ}\text{C}$ and $(t+4)^{\circ}\text{C}$.</p> <p>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.</p>	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)
	connector	0.75mm ² ↓ 1020(10N) 1.0mm ² ↑ 2040(20N)		45	20000	10000	60
							
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.				

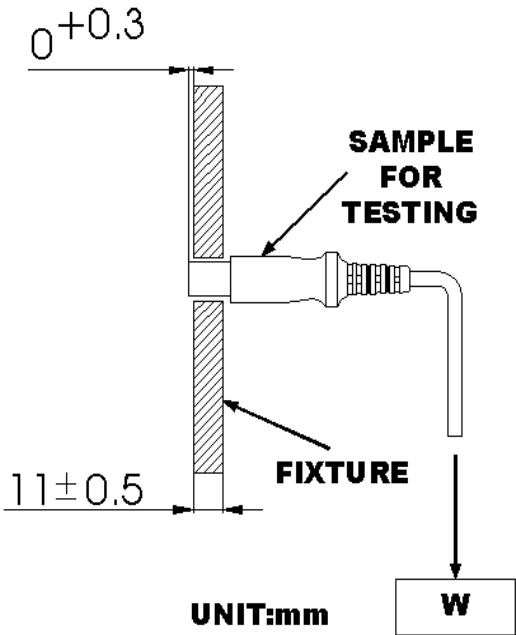
發行 ISSUED 2000.03.05	標準名稱 STD.NAME	SPECIFICATION	檔案編號 FILE NO
修訂 REVISED 2010.05.24	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR EUROPE	SPEC-EU-C

Items 項目	Conditions 條件	Specification 規格
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.
9 Ball pressure test 球壓測試	<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.</p> <p>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> 	The diameter of the impression caused by the ball is measured and shall not exceed 2 mm.

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10	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"> <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)																	
11	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>																	

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修訂 REVISED 2010.05.24	題目 TITLE	THE CHARACTERISTIC OF POWER SUPPLY CORD FOR EUROPE	SPEC-EU-C

Items 項目	Conditions 條件	Specification 規格
12 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.
13 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>  <p>UNIT:mm</p>	After the test, the connector shall show no damage.

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.



Geprüft 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*

Aktenzeichen: 1276300-1550-0015 / 118510

File ref.:

Ausweis-Nr. 40015023

Blatt 1

Certificate No.

Page

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

Offenbach, 2005-08-08

(letzte Änderung/updated 2010-03-10)

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VDE certificates are valid only when published on:

<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.*

1276300-1550-0015 / 118510 / FG31 / E

letzte Änderung / *updated* Datum / *Date*

2010-03-10

2005-08-08

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40015023.

This supplement is only valid in conjunction with page 1 of the Certificate No. 40015023.

Gerätesteckdose, nicht-wiederanschließbar
Connector, non-rewirable

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

IS-010

Bemessungsspannung
Rated voltage

AC 250 V

Bemessungsstrom
Rated current

10 A

Polzahl
Number of poles

2-polig mit Schutzkontakt
2-pole with earthing contact

Bauart
Kind of construction

Normblatt C13
standard sheet C13

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

30006550: "C"
30006554: "K"

Produktinformation
Product information

siehe Anlage Nr. 400 + 900
see Appendix No. 400 + 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.*

1276300-1550-0015 / 118510 / FG31 / E

letzte Änderung / *updated* Datum / *Date*

2010-03-10

2005-08-08

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40015023.
This supplement is only valid in conjunction with page 1 of the Certificate No. 40015023.

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
40015023

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

Aktenzeichen / *File ref.*

1276300-1550-0015 / 118510 / FG31 / E

letzte Änderung / *updated* Datum / *Date*

2010-03-10

2005-08-08

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40015023.

This supplement is part of the Certificate No. 40015023.

Gerätesteckdose, nicht-wiederanschließbar *Connector, non-rewirable*

Fertigungsstätte(n)

Place(s) of manufacture

Referenz/*Reference*

30006554

Referenz/*Reference*

30006550

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.*

1276300-1550-0015 / 118510 / FG31 / E

letzte Änderung / *updated* Datum / *Date*

2010-03-10

2005-08-08

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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

CERTIFICATE

Number: 2135398.01

Issued to:
Applicant:



Manufacturer/Licensee:

Product(s) : appliance connectors (2-pole)
Trade name(s) :
Type(s)/model(s) : IS-010

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

KEMA Quality 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 + A1:2007
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 901022

KEMA Quality 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: 18 May 2010 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood
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-010
rated current	:	10 A
rated voltage	:	250 V~
standard sheet	:	C13
temperature limit	:	T70
earthing	:	with earthing contact
design	:	non-rewirable, angled type
applied flexible cord	:	H05VV-F 3G0,75 and 3G1 mm ²
certification mark	:	KEMA-KEUR
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

EN 60320-1:2001 + A1:2007

Test result

The test results are laid down in KEMA Quality test file 2135398.01.

Remarks

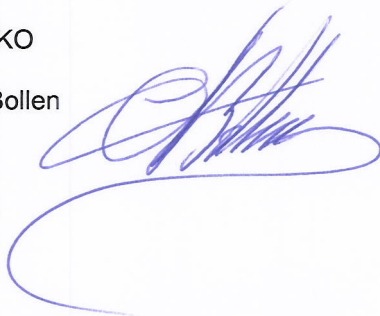
This certificate replaces our certificate 99.3412.07 and is also based on the FIMKO CB Test Certificate FI 5848.

Conclusion

The examination proved that all test requirements were met.

Tested by : FIMKO

Checked by : M. Bollen

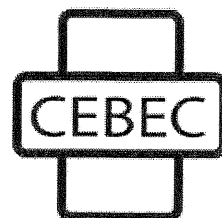


Factory locations

LICENCE

No. 16016 replaces No.14047

Issued to:
Applicant:



Licensee:

Product : connectors (2-pole) for class I appliances

Trade name(s) :

Type(s)/model(s) : IS-010, IS-14, IS-15

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: 08/04/2009

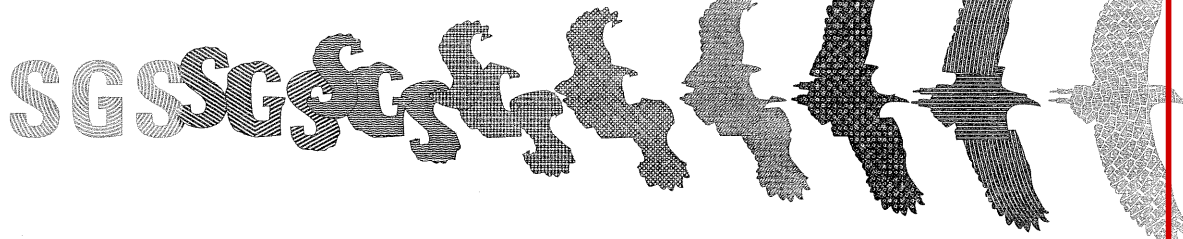
ir. C. Lana,
Certification Manager



005-PROD

© 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-010, IS-14, IS-15
rated current (In)	:	10 A
rated voltage (Un)	:	250 V~
class	:	for class I appliances
earthing	:	with earthing contact
design	:	non-rewirable
standard sheet	:	C13
temperature limit (t max)	:	cold conditions, T70
certification mark	:	complies with the requirements
cord(s) termination	:	crimped connection

Product data - type IS-010

applied flexible cord(s)	:	H05 VV-F 3G0.75-1 mm ²
construction	:	angled type

Product data - type IS-14

applied flexible cord(s)	:	H05 VV-F 3G0.75-1-1.5 mm ² 05VA5V-F 3G0.75-1 mm ² H05Z1Z1-F 3 G 0.75-1-1.5 mm ²
applied flexible cord(s) (cont'd)	:	H05Z1Z1-F 3G0.75-1-1.5 mm ²
construction	:	straight type

Product data - type IS-15

applied flexible cord(s)	:	H05 VV-F 3G0.75-1-1.5 mm ² H05Z1Z1-F 3 G 0.75-1-1.5 mm ² 05VA5V-F G0.75-1 mm ²
applied flexible cord(s) (cont'd)	:	H05Z1Z1-F 3G0.75-1-1.5 mm ²
construction	:	angled type

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.584391/01


Remarks

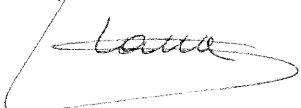
This certificate is based on certificates ref. DE1-40593, DE1-40591, FI 2724, FI 2725, FI 2931 and test reports ref. 1276300-1550-0002/107125, 1276300-1550-0002/107141, 231388-01, 231388-02, 233965-03.

Conclusion

The examination proved that all test requirements were met.

Checked by, project leader : Zanutto Luigi  2009/02/20

Department Manager,
Product Certification :  1

Certification Manager :  2009-05-04

FACTORY LOCATION(S)

DEMKO CERTIFICATE

Certificate No. 315082-01
Page 1/3
Date of Issue 2009-09-17

Certificate Holder

Manufacturer

Production site See appendix

Certified Product Connector, non-rewirable
Model IS-010 with cord H05VV-F 3G 0,75-1 mm²

Trademark

Rated Voltage / Frequency 250V~

Rated Current / Power 10 A

Insulation Class

Degree of protection (IP)

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

Test Report No.

Additional Standard sheet C13

Expire date 2014-08-27



Certification Manager

Jan-Erik Storgaard

Certification Body

The product and production sites listed on the certificate comply with the D-mark requirements and the UL Global Service Agreement, with reference to Terms and Conditions for the D mark. The Owner of the certificate is entitled to use the ® or for cables <DEMKO> for the products listed on the certificate and manufactured at the production sites listed. UL has to be informed in writing about any changes to the product or production site in accordance with the Term and Conditions of the D mark. The validity of the certificate is shortened if the EU legislation require re-testing and re-certification due to new standards or amendments coming into force before the expiry date.

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730
Herlev, Denmark, Tel. +45 44 85 65 65, info.dk@dk.ul.com
www.ul-europe.com



the standard in safety

Underwriters
Laboratories

Appendix DEMKO CERTIFICATE

Certificate No. 315082-01
Page 2/3
Date of Issue 2009-09-17

Production Site:

The certificate has been issued on the basis of Nordic certification Service, certificate No. FI 25212, issued by SGS Fimko, dated 2009-08-27



Certification Body

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730
Herlev, Denmark, Tel. +45 44 85 65 65, info.dk@dk.ul.com
www.ul-europe.com



the standard in safety

Underwriters
Laboratories

Appendix DEMKO Certificate

Certification Mark	D-mark
Certificate No.	315082-01
Page	3/3
Date of Issue	2009-09-17



Certification Body

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730
Herlev, Denmark, Tel. +45 44 85 65 65, info.dk@dk.ul.com
www.ul-europe.com



the standard in safety

Underwriters
Laboratories

Certificate



for European Product Safety

Reference No. 911420

Connector

Type designation IS-010

Certificate holder

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

Date of expiry 2 September 2014



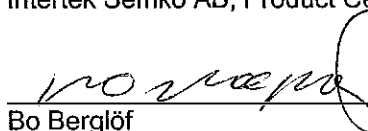
EU Directive information The product satisfies the provisions for CE marking according to the Low Voltage Directive 2006/95/EC.

Additional information in Appendix.

Certification Body Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed


Bo Berglöf

Date 2 September 2009
Page 1 of 3



Appendix

Reference No. 911420

Technical data

Type designation	IS-010
Rated voltage (V)	250 V~
Rated current (A)	10 A
IP-Class	IP 20
Type of cord	H05VV-F 3G0,75-1,0mm ²
Standard sheet	C13
BRAND name:	I-SHENG
Product information	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.



Appendix

Reference No. 911420

This certificate is based on a certificate with ref. No. NCS/FI 25212 dated 27 August 2009, issued by SGS FIMKO LTD according to the Nordic Certification Service Agreement.

This certificate replaces previously issued ref. No. 409885 dated 7 September 2004. A new certificate has been issued on account of upgrade of standard.

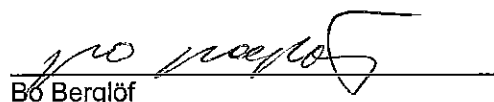
The certificate applies for countries that have sanctioned the use of plugs/outlets according to subject standard sheet and component standard.

Certification Body

Intertek Semko AB, Product Certification

Place Kista - Stockholm

Signed


Bo Berglöv

Date 2 September 2009



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

Manufacturer

Factory

☒ See page 2

Ratings

10A 250V AC

Trade mark

Model / Type Ref.

IS-010

Principal characteristics

Non-rewirable connector, with cord H05VV-F 3G0.75-1mm².
Standard Sheet C13. 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 02-09-2009



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

Factories:



Date of issue 02-09-2009



Signature

Geir Hørthe

Certification Department

Nemko AS

P.O. Box 73, Blindern

N-0314 Oslo, Norway

Office address

Gaustadalléen 30

Oslo

Internet

www.nemko.com

Telephone

+47 22 96 03 30

Enterprise number:

Fax

+ 47 22 96 05 50

NO 974404532

Appendix to Certificate: 25212

Manufacturing site(s)

Additional Information

The product has certificate FI 5848 issued by SGS Fimko Ltd in accordance with the CB system.

This certificate replaces previous NCS/FI certificate No. 20976 A1 dated 05 October 2005, due to updated standard and added Manufacturing site.



Supplement to Certificate: NCS/FI 25212

Internal ref.
Sixten Lökfors

27 August 2009

NORDIC CERTIFICATION SERVICE

We hereby confirm that the product(s) appearing from the certificate with above certificate reference also comply(ies) with requirements for secondary certification in the following countries: Denmark, Norway, Sweden

NOTIFICATION

Certificate holder for Denmark,
Norway, Sweden

Please send the invoice and the certificate directly to Certificate holder,
Attn: Mr Gerry Lai, mailto: gerry@isheng.com.tw

Safety standard(s) applied EN 60320-1:2001 + A1:2007

EMKO TS document(s) considered Not applicable

EMC requirements -

The assignment is based on CB Test Certificate FI 5848 from SGS Fimko Ltd.

Limitations or reservations regarding
the testing / examination performed None

Certification marks Affixing of the certification mark(s) of the Nordic body(ies) on the product must not take place before notice about national certification is received from the individual body.

Production surveillance Will be carried out by SGS Fimko according to agreed procedures.

Other information Copy of the certificate, this Notification and other agreed documentation are transferred directly from SGS Fimko to DEMKO, NEMKO and SEMKO.

Test samples must be submitted to
the secondary body(ies) No

Date of issue 27 August 2009



This Notification may be challenged if it is more than 3 years old.

SGS Fimko Ltd

Signature

Sixten Lökfors
Project Manager

This certificate is issued by the company under its General Conditions for Certification Services accessible at www.sgs.com/terms_and_conditions.htm. 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 6474 www.fi.sgs.com

Business ID 0978538-5 Member of the SGS Group (SGS SA)



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

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

Client no.
1451


Your ref.
Kelly Chien

Our Ref.
Gn

Date
2012/06/29

Authorization

Number: **12.0453**
valid until: **2015/08/30**

Marking:  Company Logo

Based on the documents contained in file **04-BS-0313** 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:

Type designation:
IS-010

Nominal values:

250V~ 10A L+N+PE
standard sheet C13
with non-rewirable cords:
H05VV-F 3Gx0.75mm²
H05VV-F 3Gx1.00mm²



Protection class: For class I appliances

Protection degree: IP20

Basis: CB / FIMKO / FI 5848 dated 2009/08/27

Federal Inspectorate for Heavy Current Installations ESTI
Luppenstrasse 1, CH-8320 Fehraltorf
Phone +41 44 956 12 12, Fax +41 44 956 12 22
mub.bs.info@esti.ch
www.esti.admin.ch



SCESp 033



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Authorization

Number: **12.0453**

Page 2

Remark:

Manufacturing sites:

Test standards:

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

Federal Inspectorate for Heavy Current Installations ESTI

P. Fluri

Head of Market Surveillance/Authorization of the Safety Mark



AUSTRIAN ELECTROTECHNICAL ASSOCIATION

1010 Wien, Eschenbachgasse 9

ZVR: 327279890 DVR: 1055887

Testing & Certification

Kahlenberger Str. 2A

1190 Wien, Austria

Phone: +43 1 370 58 06

Fax: +43 1 370 58 06-199



Page 1 of 2

ÖVE-CERTIFICATE

including the entitlement to use the Austrian Safety Mark



Certificate No.: **8556-006-07**

Valid from: 2013 10 27
until: 2015 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: **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). **1062-720/99**.

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

Officially signed by K. Wallner

on behalf of W. Martin

Email=k.wallner@ove.at

Dipl.-Ing. W. Martin

Vienna, 2013 08 21



OVE – Testing & Certification

Accredited by the Austrian Ministry of Economy, Family and Youth as Certification Body for products and processes in the field of electrical and electronic engineering, including safety and EMC





Österreichischer Verband
für Elektrotechnik

Certificate No.: 8556-006-07

Date: 2013 08 21

Page 2 of 2

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-010

Rated voltage: AC 250 V

Rated current: 10 A

H05VV-F 3 G 0,75

IS-010

Rated voltage: AC 250 V

Rated current: 10 A

H05VV-F 3 G 1

OVE – Testing & Certification

Accredited by the Austrian Ministry of Economy, Family and Youth as Certification Body for products and processes in the field of electrical and electronic engineering, including safety and EMC



PID:

02115100

CID:

C.1993.495

Certificato di approvazione

Approval certificate

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

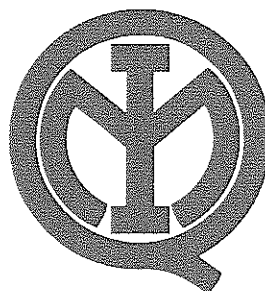
IMQ, accredited certification body, grants to

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

**Prese di connettore
indissolubilmente collegate al
cavo
(Rif. di tipo IS-010)**

for the following products

*Non-rewirable connecto
(Type ref. IS-010)*



*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:

2000-03-31

Data di aggiornamento | Updated on

2010-03-02

Sostituisce | Replaces

2007-01-19


IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 2000-03-31
Data di aggiornamento / Updated on 2010-03-02
Sostituisce / Replaces 2007-01-19

Prodotto | Product

Prese di connettore indissolubilmente collegate al cavo
Non-rewirable connectors

Concessionario | Licence Holder

5

Marchio | Mark



IMQ

Costruito a | Manufactured at

98001046 CLISHE.C02LCISHE+2
98001045 CLISHE.C02LCISHE+1
95002261 CLISHE.C01LCISHE.C
PLJ00091 C02702551

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

26LK00008

Caratteristiche tecniche | Technical characteristics

Designazione | Type designation **2P+T foglio C13 / 2P+E S.S. C13**
Tensione nominale | Rated voltage **250 V**
Corrente nominale | Rated current **10 A**
Tipo di applicazione | Type of application **fredda / for cold conditions**
Tipo di morsetti | Type of terminals **morsetti aggraffati / crimped connections**
Materiale della custodia | Material of the cover **termoplastico / thermoplastic**
Uscita cavo | Cable exit **a squadra / angled**



Articoli (con dettagli) | Articles (with details)

DAT99002745.1

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

DAT99002745.2

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

Ulteriori informazioni | Additional Information

La presa di connettore rif. Di tipo IS-19 è prodotta con il seguente inserto:
marca I-SHENG, art. IS-14, colore bianco

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

The non-rewirable connector type ref. IS-010 is manufactured with the following insert:
trade mark I-SHENG, art. IS-14, white colour.

A letter on the plug to identify the manufacturing location site:

Componenti | Component List

Tipo / Type	(*)	Costruttore / Manufacturer	Riferimento / Type Ref.	Dati / Data	Norme / Standard (*)	Marchi / Marks
Cavo / Cable	2			H05VV-F	-	FIMKO
Emesso il / Issued on	2000-03-31	Data di aggiornamento / Updated on	2010-03-02	Sostituisce / Replaces	2007-01-19	

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

DAT99002745 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° 592487

Délivrée à:
Delivered to:

Site de fabrication:
Factory:

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

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

Modèle, type, référence: IS-010
Model, type, reference:

Caractéristiques nominales et principales: 10A, 250V~
Rating and principal characteristics:

Informations complémentaires: Voir annexe 2 / *See annex 2*
Additional informations: Ajout du site de fabrication n°1786AP / *Addition of factory n°1786AP*

Le produit est conforme à: EN 60320-1:2001 +A1:2007
The product is in conformity with:

Documents pris en compte: Certificat d'essai OC / CB test certificate n°FI 58 48 / TR n°255730-1
Relevant documents:

Annule et remplace (s'il y a lieu): Licence n°558756K du 2007-05-23
Cancels and replaces (if necessary):



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.

Fontenay-aux-Roses, 2009-12-23

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.

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.

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

Rémi HANOT
Responsable de Certification
Certification Officer



LCIE
Laboratoire Central
des Industries Electriques
Une société de Bureau Veritas
33, av du Général Leclerc
BP 8
92200 Fontenay-aux-Roses cedex
France

Tél : +33 (0)1 47 95 60 60
Fax : +33 (0)1 47 95 60 50
contact@lcie.fr
www.lcie.fr
Société par Actions Simplifiée
au capital de 15 765 900 €
RCS Nanterre B 408 365 174

LCIE N°: 592487

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

Site de fabrication :
Factory :





LCIE

LCIE N°592487

ANNEXE 2 / ANNEX 2

CARACTÉRISTIQUES NOMINALES ET PRINCIPALES RATING AND PRINCIPAL CHARACTERISTICS

Classification

Feuille de norme / <i>standard Sheet</i>	C13
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 froides (température des broches ne dépassant pas 70 °C) <i>connectors for cold conditions (pin temperature not exceeding 70 °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>

Câble / Cable

Type du câble / <i>Type of cable</i>	Fabricant / <i>Manufacturer</i>	Conformité / <i>Conformity</i>
H05VV-F 3x0,75 / 1		LCIE (NF-USE)

