

SPECIFICATION



LIAN DUNG

ELECTRIC WIRE MATERIAL CO., LTD

聯東電線材料股份有限公司

APPROVED

台灣台中市豐原區三豐路二段 515-16 號

No.515-16, Sec.2, Sanfeng Rd., Fengyuan Dist.,

Taichung City 420, Taiwan

TEL : 886-4-25270346 FAX : 886-4-25270348

[http : //www.liandung.com.tw](http://www.liandung.com.tw)

E-mail : liandung@liandung.com.tw

客戶名稱 : (CUSTOMER NAME)

TME

客戶料號 : (CUSTOMER PART NO.)

S23-3/10/1.8BK S23-3/10/1.8WH

PLUG : LT-318(13A)

CORD : H05VV-F 3G1.0mm² BLK / WH 1.8m

ISSUE : LD-QA-1091141

DATE : NOV-19-2020

核		審		製	黃淑蘭
准		核		表	

1. PVC FLEXIBLE CORD

1.1 SCOPE

This specification shall be in accordance with **EN 50525-2-11**

Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V

1.2 CONSTRUCTION

CONDUCTOR	ANNEALED COPPER WIRE
INSULATION	PVC (BLUE, BROWN, GREEN/YELLOW) MEAN VALUE OF THICKNESS : Min.0.6mm
SHEATH	PVC MEAN VALUE OF THICKNESS : Min.0.8mm

ITEM		UNIT	SPEC.VALUE
RATED VOLTAGE (U ₀ /U)		V/V	300/500
NO.OF CORE		NO.	3
CONDUCTOR	NOMINAL AREA	mm ²	1.0
	CONSTRUCTION	NO/mm	40/0.18 or 32/0.2
THICKNESS OF INSULATION		mm	0.6
THICKNESS OF SHEATH		mm	0.8
OVERALL DIAMETRT(APPROX.)		mm	7.0±0.2
CONDUCTOR RESISTANCE (AT20℃)		Ohm/km	19.5 (Max)
TEST VOLTAGE		V/min	2000/15

1.3 SOURCE FOR FLEXIBLE CORD

☆ LIAN DUNG

☆ I-SHENG

1.4 PHYSICAL CHARACTERISTICS OF INSULATION AND SHEATH

ITEM			UNIT	SPEC.VALUE
INSULATION	ORIGINAL	TENSILE STRENGTH	kgf/ mm ²	Min.1.3
		ELONGATION	%	Min.150
	AFTER AGING 80±2°C FOR 168 HOURS	TENSILE STRENGTH	%	VARIATION FROM ORIGINAL VALUE 20
		ELONGATION	%	VARIATION FROM ORIGINAL VALUE 20
SHEATH	ORIGINAL	TENSILE STRENGTH	kgf/ mm ²	Min.1.3
		ELONGATION	%	Min.150
	AFTER AGING 80±2°C FOR 168 HOURS	TENSILE STRENGTH	%	VARIATION FORM ORIGINAL VALUE 20
		ELONGATION	%	VARIATION FROM ORIGINAL VALUE 20

1.5 COLD BEND

No crack on the surface of cord sample which is wind round 6 turns in mandrel of 4-5xØd (Ød : wire diameter) subjected to a temperature of –15±2°C for 4hours.

1.6 HEATBEND

No crack on the surface of a sample which is wind round 6 turns on mandrel of 9mm diameter subjected to a temperature of 150°C±2°C for 1hour.

1.7 DEFORMATION RESISTANCE AT HIGHER TEMPERATURE TEST

The test temperature is 70°C±2°C for 4hours. The test weight is 125g for insulation and 175g for sheath by CEE Test Machine (pressure foot) .
Test result : Thickness variation from original value min.50% .

2. PLUG

2.1 SCOPE

The plug shall be in accordance with BS1363 : 1995.

(Specification for plugs, switched and unswitched socket-outlets)

2.2 CONSTRUCTION

The plug construction shall be in accordance with our Catalogue

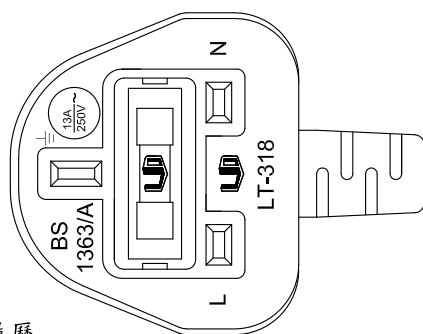
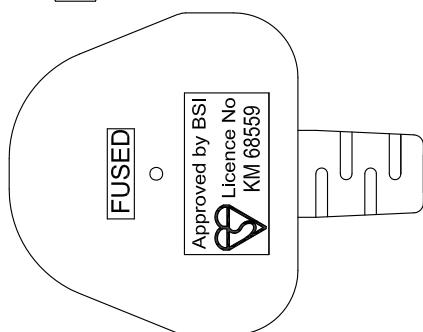
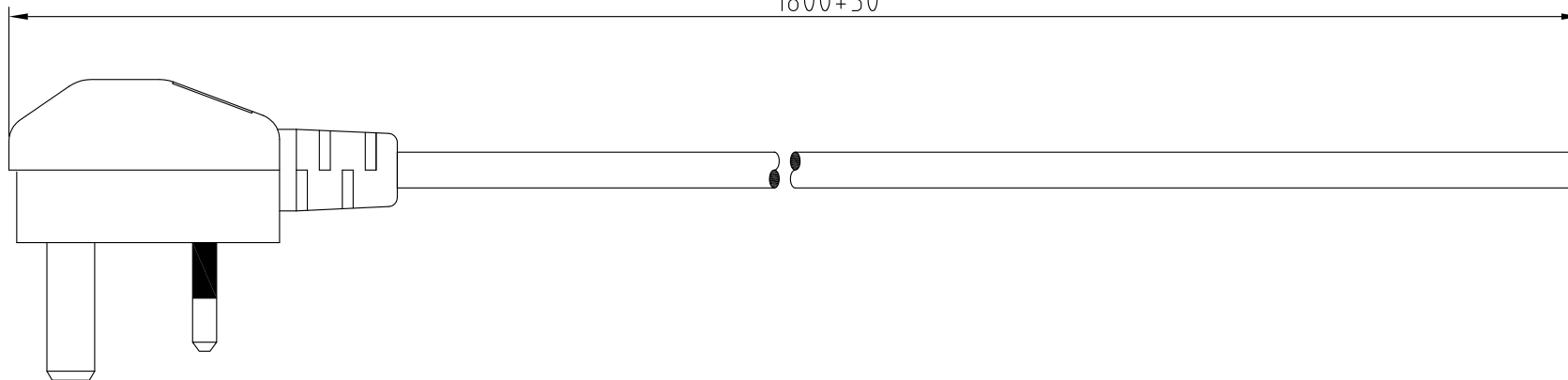
NO.LT-318(13A) Non-Rewirable (Molding Type)

2.3 CHARACTERISTICS

N0	TEST ITEM	SPEC.VALUE	TEST RESULTS
1.	Moisture resistance test	Samples are kept in a humidity cabinet containing air with a relative humidity between 91 to 95% and a temperature of 20-30°C for a duration of 48 hours	No damage
2.	Electric strength test	A voltage of A.C.2000V is applied for 1 min after the moisture resistance test.	No flashover and breakdown
3.	Insulation resistance test	This test is measured with a D. C. 500V after the moisture resistance test.	Min. 5 M Ohm
4.	Flexing test	The samples shall be loaded with a weight of 20N(2.04kg) and the oscillating number shall be moved backward and forward through an angle of 90°(45°on either side of the vertical) the number of flexing being 10,000 at the rate of 60 cycles per minutes. The rated current of plug is passed through the conductors. Specimens with circular section flexible cables are turned through 90° in the oscillating member after 5,000 flexing.	Breaking rate is under 10%.
5.	Tumbling test	The samples are dropped from a height of 50cm onto a plywood base (10mm thick) for a total of 5000 times.	No damage

6.	Cold test	The samples are kept in a refrigerator at a temperature of $-15\pm 2^{\circ}\text{C}$, for 1 hour.	No damage
7.	Abrasion test	The pin of sample slopes downwards at angle of 10° to the horizontal. The sample is loaded with a force of 4N on the pin. The number of movement is 2000, and the length of pin subjected to abrasion is approximately 7mm over the insulating sleeve.	No damage
8.	Heat deformation test	The samples are kept for 1 hour in a heating cabinet at temperature of $70\pm 2^{\circ}\text{C}$.	No damage

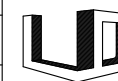
1800+50



NOTE :

1. PLUG : LT-318(13A)UNITED KINGDOM TYPE
2. CONNECTOR : NA
3. Strain relief : NA
4. CORD : H05VV-F 3G1.0mm² BK/WHT 1.8m
5. APPROVALS : BSI
6. CUSTOMER : TME
7. Supplier for flexible cord : LIAN DUNG, I-SHENG
8. P/N : S23-3/10/1.8BK S23-3/10/1.8WH

※Customer drawing number : NA

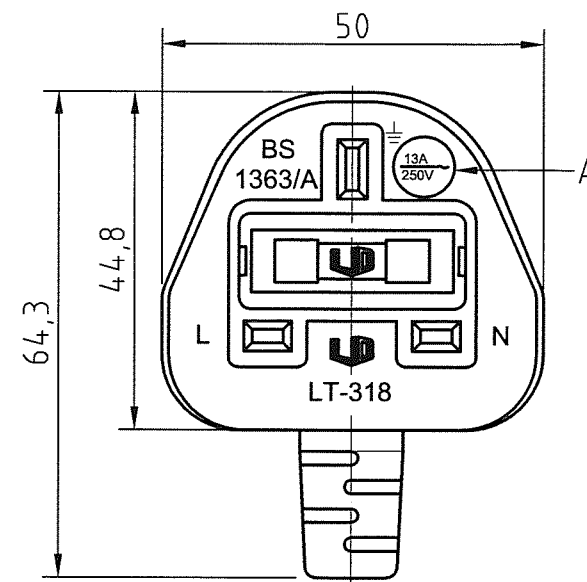
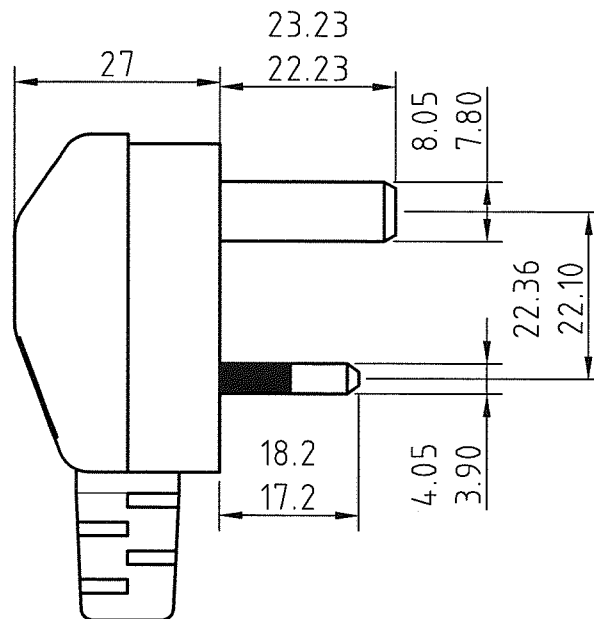
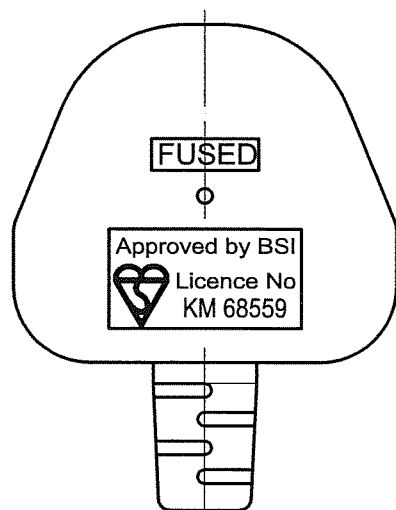


LIAN DUNG
ELECTRIC WIRE MATERIAL CO.,LTD.
聯東電線材料股份有限公司

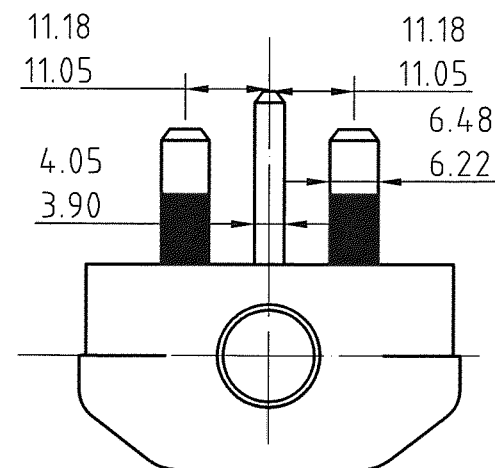
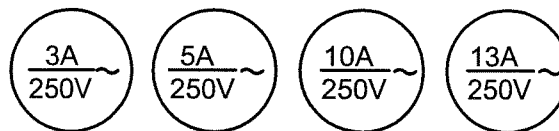
修改履歷

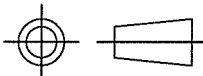
6		
5		
4		
3		
2		
1	新增	20/11/18
REV.	DESCRIPTION	DATE

DRAWER	廖柏昇	DATE	20/11/18	TITLE	LT-318
APPROVE		REV.	1	Dr.No.	1091141
	比例			TOL.	±5mm
				ALL DIMENSIONS IN mm	



A SCALE 2:1



PART	DESCRIPTION	DATE	DRAWER	葉惠菁	DATE	08/04/11	TITLE	LT-318
1.			APPROVE	林明宗	REV.	4	Dr.No.	C318001
2.				比例	1 : 1	TOL.	±1.2mm	
3.						ALL DIMENSIONS IN mm		



LIAN DUNG
ELECTRIC WIRE MATERIAL CO.,LTD
聯東電線材料股份有限公司



LIAN DUNG
ELECTRIC WIRE MATERIAL CO.,LTD.
聯東電線材料股份有限公司



By Royal Charter

Kitemark™ Certificate

This is to certify that:

Dongguan Lian Dung Electric CO.,LTD
No. 1 Xixing Fifth Street
Beizhan Area
Humen Town
Dongguan City
China

Holds Certificate Number:

KM 68559

In respect of:

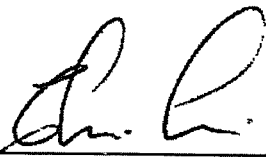
BS 1363 Parts 1-5

Plugs, Socket-outlets, Adaptors and Fused Connection units.

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.

For and on behalf of BSI:


Chris Lewis - Certification Director, Product Certification

First Issued: 2002-09-16

Latest Issue: 2018-11-09

Effective Date: 2018-11-09

Expiry Date: 2021-11-08

Page: 1 of 7



...making excellence a habit.™

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 68559

The affixing of the Kitemark and the words 'Approved by BSI Lic No KM 68559' signify that the 13 A plugs detailed on this Kitemark Licence are approved by BSI within the meaning of the Statutory Instrument No 1768 1994 being the 'The Plug and Socket etc. (Safety) Regulations 1994'.

Approval remains in force concurrent with the BSI certification year of 1 May - 30 April and will automatically lapse at midnight 30 April.

It is a condition of approval that the Licensee maintains strict compliance with the requirements of both the Plug and Socket etc. (Safety) Regulations 1994 and the Kitemark Licence Conditions of Contract.

Group 1: Non-rewireable 13 A Plugs to BS 1363-1:2016 + A1:2018

Type	Rating	Colour	Test Report Number
LT-318	250 V Rough use	Any colour	241/4260453, 241/4299481, 241/4325434, 241/4379485, 241/4590424, 241/7389847, 241/7444129, 8245995, 8266170, 8572772, 8678131, 8746245 and 8847352.

The following cords are satisfactory for incorporation with the variants of Group 1 and are subject to the continuing validity of their approvals.

Standard	Size (mm ²)	Code	Manufacturer	Approval	Rating
EN 50525-2-11	2 x 0.75	H03VVH2-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H03VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H05VVH2-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H05VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 1	H05VV-F	Lian Dung	VDE 127334	10 A
EN 50525-2-11	2 x 1.5	H05VV-F	Lian Dung	VDE 127334	13 A
EN 50525-2-11	3 x 0.75	H03VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	3 x 0.75	H05VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	3 x 1	H05VV-F	Lian Dung	VDE 127334	10 A
EN 50525-2-11	3 x 1.5	H05VV-F	Lian Dung	VDE 127334	13 A
EN 50525-2-21	3 x 0.75	H05RR-F	Lian Dung	VDE 40017920	6 A
EN 50525-2-21	3 x 1	H05RR-F	Lian Dung	VDE 40017920	10 A
EN 50525-2-11	3 x 1.5	H05VV-F	I-Sheng	VDE 40006070	13 A
EN 50525-2-11	2 x 1.5	H05VV-F	I-Sheng	VDE 40006070	13 A
EN 50525-2-11	2 x 0.75	H05VVH2-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 1	H05VV-F	I-Sheng	VDE 40006070	10 A
EN 50525-2-11	3 x 0.75	H05VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	3 x 1	H05VV-F	I-Sheng	VDE 40006070	10 A

First Issued: 2002-09-16

Latest Issue: 2018-11-09

Effective Date: 2018-11-09

Expiry Date: 2021-11-08

Page: 2 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7605321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 68559

Group 1: Non-rewireable 13 A Plugs to BS 1363-1:2016 + A1:2018 (continued)

The following cords are satisfactory for incorporation with the variants of Group 1 and are subject to the continuing validity of their approvals.

Standard	Size (mm ²)	Code	Manufacturer	Approval	Rating
EN 50525-2-11	3 x 0.75	H03VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 0.75	H03VVH2-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 0.75	H05VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 0.75	H03VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 0.75	H03V2V2H2-F	I-Sheng	VDE 40031197	6 A
EN 50525-2-11	2 x 0.75	H03V2V2-F	I-Sheng	VDE 40031197	6 A
EN 50525-2-11	3 x 0.75	H03V2V2-F	I-Sheng	VDE 40031197	6 A
EN 50525-2-11	2 x 0.75	H05V2V2H2-F	I-Sheng	VDE 40031197	6 A
EN 50525-2-11	2 x 0.75	H05V2V2-F	I-Sheng	VDE 40031197	6 A
EN 50525-2-11	2 x 1	H05V2V2H2-F	I-Sheng	VDE 40031197	10 A
EN 50525-2-11	2 x 1	H05V2V2-F	I-Sheng	VDE 40031197	10 A
EN 50525-2-11	2 x 1.5	H05V2V2-F	I-Sheng	VDE 40031197	13 A
EN 50525-2-11	3 x 0.75	H05V2V2-F	I-Sheng	VDE 40031197	6 A
EN 50525-2-11	3 x 1	H05V2V2-F	I-Sheng	VDE 40031197	10 A
EN 50525-2-11	3 x 1.5	H05V2V2-F	I-Sheng	VDE 40031197	13 A
EN 50525-2-21	2 x 1	H07RN-F	I-Sheng	VDE 40014085	10 A
EN 50525-2-21	2 x 1.5	H07RN-F	I-Sheng	VDE 40014085	13 A
EN 50525-2-21	3 x 0.75	H05RN-F	Ta Tun	VDE 40016695	6 A
EN 50525-2-21	3 x 1	H05RN-F	Ta Tun	VDE 40016695	10 A
EN 50525-2-21	3 x 0.75	H05RN-F	Lian Dung	VDE 40017920	6 A
EN 50525-2-21	3 x 1	H05RN-F	Lian Dung	VDE 40017920	10 A
EN 50525-2-21	2 x 0.75	H05RN-F	I Sheng KSIS	VDE 40014085	6 A
EN 50525-2-21	2 x 1	H05RN-F	I Sheng KSIS	VDE 40014085	10 A
EN 50525-2-21	2 x 0.75	H05RN-F	Ta Tun	VDE 40016695	6 A
EN 50525-2-21	2 x 1	H05RN-F	Ta Tun	VDE 40016695	10 A
EN 50525-2-22	3 x 0.75	H03RT-H	Shaoxing	VDE 40025165	6 A
EN 50525-2-22	3 x 1	H03RT-H	Shaoxing	VDE 40025165	10 A
EN 50525-2-22	3 x 1.5	H03RT-H	Shaoxing	VDE 40025165	13 A

First Issued: 2002-09-16

Latest Issue: 2018-11-09

Effective Date: 2018-11-09

Expiry Date: 2021-11-08

Page: 3 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

ZEICHENGENEHMIGUNG MARKS APPROVAL

I-Sheng Electric Wire & Cable
Co., Ltd.
52 Tin Hwu Road, Ta Hua Village
33334 GWAI SAN, TAOYUAN HSIEN
TAIWAN

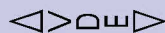
ist berechtigt, für ihr Produkt /
is authorized to use for their product

Starkstromleitungen für allgemeine Anwendungen
- Flexible Leitungen
mit thermoplastischer PVC-Isolierung
Cables for general applications
- Flexible cables with
thermoplastic PVC insulation

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.



oder/or



oder/or



Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 50525-2-11 (VDE 0285-525-2-11):2012-01; EN 50525-2-11:2011

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

S. Berber

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

Aktenzeichen: 1276303-5140-0005 / 170954
File ref.:

Ausweis-Nr. 40006070 Blatt 1
Certificate No. Page

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

Offenbach, 2003-04-25
(letzte Änderung/updated 2012-10-12)

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

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

I-Sheng Electric Wire & Cable Co., Ltd., 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN,
TAOYUAN HSIEN, TAIWAN

Aktenzeichen / *File ref.*

1276303-5140-0005 / 170954 / FG42 / HEG

letzte Änderung / *updated* Datum / *Date*

2012-10-12

2003-04-25

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40006070

This supplement is only valid in conjunction with page 1 of the Certificate No. 40006070.

Starkstromleitungen für allgemeine Anwendungen

- Flexible Leitungen

mit thermoplastischer PVC-Isolierung

Cables for general applications

- Flexible cables with

thermoplastic PVC insulation

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

H03VV-F 2...3 x 0,5...0,75 mm²

+

H03VVH2-F 2 x 0,5...0,75 mm²

+

H05VV-F 2...5 x 0,75...2,5 mm²

+

H05VVH2-F 2 X 0,75...1,0 mm²

+

Leitungsbauart

Standardleitungen

Type of cable

General purpose cables

Firmenzeichen

I-SHENG SGIS

Trademark

Dieser Zeichengenehmigungs-Ausweis bildet eine Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den grundlegenden Schutzanforderungen der **EG-Niederspannungsrichtlinie 2006/95/EG** mit ihren Änderungen.

This Marks Approval is a basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and proves the conformity with the essential safety requirements of the EC Low-Voltage Directive 2006/95/EC including amendments.

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Fachgebiet FG42

Section FG42

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Beiblatt /
Certificate No. Supplement
40006070

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

I-Sheng Electric Wire & Cable Co., Ltd., 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN,
TAOYUAN HSIEN, TAIWAN

Aktenzeichen / *File ref.*

1276303-5140-0005 / 170954 / FG42 / HEG

letzte Änderung / *updated* Datum / *Date*

2012-10-12

2003-04-25

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 40006070.

This supplement is part of the Certificate No. 40006070.

Starkstromleitungen für allgemeine Anwendungen

- Flexible Leitungen

mit thermoplastischer PVC-Isolierung

Cables for general applications

- Flexible cables with

thermoplastic PVC insulation

Fertigungsstätte(n)

Place(s) of manufacture

Referenz/Reference

30006550

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

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Fachgebiet FG42

Section FG42

VDE Prüf- und Zertifizierungsinstitut

Zeichengenehmigung

Ausweis-Nr. / Infoblatt /
Certificate No. Info sheet
40006070

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

I-Sheng Electric Wire & Cable Co., Ltd., 52 Tin Hwu Road, Ta Hua Village, 33334 GWAI SAN, TAOYUAN HSIEN, TAIWAN

Aktenzeichen / *File ref.*

1276303-5140-0005 / 170954 / FG42 / HEG

letzte Änderung / *updated* Datum / *Date*

2012-10-12

2003-04-25

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 40006070

This supplement is only valid in conjunction with page 1 of the Certificate No. 40006070.

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.

Kitemark™ Certificate

No. KM 68559

Group 2: Non-rewireable 13 A Plugs to BS 1363-1:2016 + A1:2018

Type	Rating	Colour	Test Report Number
LT-328	250 V Rough use	Any colour	241/7371680, 241/7535366, 241/7677878, 7753889, 7856311, 8029860, 8245995, 8420309, 8678131, 8847352 and 9645272.

The following cords are satisfactory for incorporation with the variants of Group 2 and are subject to the continuing validity of their approvals.

Standard	Size (mm ²)	Code	Manufacturer	Approval	Rating
EN 50525-2-11	2 x 0.75	H03VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H03VVH2-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H05VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H05VVH2-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 1	H05VV-F	Lian Dung	VDE 127334	10 A
EN 50525-2-11	2 x 1.5	H05VV-F	Lian Dung	VDE 127334	13 A
EN 50525-2-11	3 x 0.75	H03VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	3 x 0.75	H05VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	3 x 1	H05VV-F	Lian Dung	VDE 127334	10 A
EN 50525-2-11	3 x 1.5	H05VV-F	Lian Dung	VDE 127334	13 A
EN 50525-2-22	2 x 0.75	H03RT-H	Lucky United	VDE 40018618	6 A
EN 50525-2-22	2 x 1	H03RT-H	Lucky United	VDE 40018618	10 A
EN 50525-2-22	2 x 1.5	H03RT-H	Lucky United	VDE 40018618	13 A
EN 50525-2-22	3 x 0.75	H03RT-H	Lucky United	VDE 40018618	6 A
EN 50525-2-22	3 x 1	H03RT-H	Lucky United	VDE 40018618	10 A
EN 50525-2-22	3 x 1.5	H03RT-H	Lucky United	VDE 40018618	13 A
EN 50525-2-21	3 x 0.75	H05RR-F	Lian Dung	VDE 40017920	6 A
EN 50525-2-21	3 x 1	H05RR-F	Lian Dung	VDE 40017920	10 A
EN 50525-2-21	3 x 0.75	H05RR-F	Lucky United	VDE 40016757	6 A
EN 50525-2-21	3 x 1	H05RR-F	Lucky United	VDE 40016757	10 A
EN 50525-2-11	2 x 0.75	H03VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 0.75	H03VVH2-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 0.75	H05VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 1	H05VV-F	I-Sheng	VDE 40006070	10 A
EN 50525-2-11	2 x 1.5	H05VV-F	I-Sheng	VDE 40006070	13 A
EN 50525-2-11	2 x 0.75	H05VVH2-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	3 x 0.75	H03VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	3 x 0.75	H05VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	3 x 1	H05VV-F	I-Sheng	VDE 40006070	10 A
EN 50525-2-11	3 x 1.5	H05VV-F	I-Sheng	VDE 40006070	13 A

First Issued: 2002-09-16

Latest Issue: 2018-11-09

Effective Date: 2018-11-09

Expiry Date: 2021-11-08

Page: 4 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 68559

Group 2: Non-rewireable 13 A Plugs to BS 1363-1:2016 + A1:2018 (continued)

The following cords are satisfactory for incorporation with the variants of Group 2 and are subject to the continuing validity of their approvals.

EN 50525-2-22	2 x 0.75	H03RT-H	Shaoxing Nanxiang	VDE 40025165	6 A
EN 50525-2-22	2 x 1	H03RT-H	Shaoxing Nanxiang	VDE 40025165	10 A
EN 50525-2-22	3 x 0.75	H03RT-H	Shaoxing Nanxiang	VDE 40025165	6 A
EN 50525-2-22	3 x 1	H03RT-H	Shaoxing Nanxiang	VDE 40025165	10 A
EN 50525-2-22	3 x 1.5	H03RT-H	Shaoxing Nanxiang	VDE 40025165	13 A

First Issued: 2002-09-16
Latest Issue: 2018-11-09

Effective Date: 2018-11-09
Expiry Date: 2021-11-08

Page: 5 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 68559

Group 3: Non-rewireable 13 A Plugs with ISOD to BS 1363-1:2016 + A1:2018

Type	Rating	Colour	Test Report Number
LT-328 with ISOD	250 V Rough use	Any colour	241/7603056, 8678131, 8847352 and 9645272. (241/7371680, 241/7535366, 241/7677878, 7753889, 7856311, 8029860 & 8245995.)

The following cords are satisfactory for incorporation with the variants of Group 3 and are subject to the continuing validity of their approvals.

EN 50525-2-11	2 x 0.75	H03VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H03VVH2-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H05VV-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 0.75	H05VVH2-F	Lian Dung	VDE 127334	6 A
EN 50525-2-11	2 x 1	H05VV-F	Lian Dung	VDE 127334	10 A
EN 50525-2-11	2 x 1.5	H05VV-F	Lian Dung	VDE 127334	13 A
EN 50525-2-22	2 x 0.75	H03RT-H	Lucky United	VDE 40018618	6 A
EN 50525-2-22	2 x 1	H03RT-H	Lucky United	VDE 40018618	10 A
EN 50525-2-22	2 x 1.5	H03RT-H	Lucky United	VDE 40018618	13 A
EN 50525-2-11	2 x 0.75	H03VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 0.75	H03VVH2-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 0.75	H05VV-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-11	2 x 1	H05VV-F	I-Sheng	VDE 40006070	10 A
EN 50525-2-11	2 x 1.5	H05VV-F	I-Sheng	VDE 40006070	13 A
EN 50525-2-11	2 x 0.75	H05VVH2-F	I-Sheng	VDE 40006070	6 A
EN 50525-2-22	2 x 0.75	H03RT-H	Shaoxing Nanxiang	VDE 40025165	6 A
EN 50525-2-22	2 x 1	H03RT-H	Shaoxing Nanxiang	VDE 40025165	10 A

First Issued: 2002-09-16

Latest Issue: 2018-11-09

Effective Date: 2018-11-09

Expiry Date: 2021-11-08

Page: 6 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7605321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

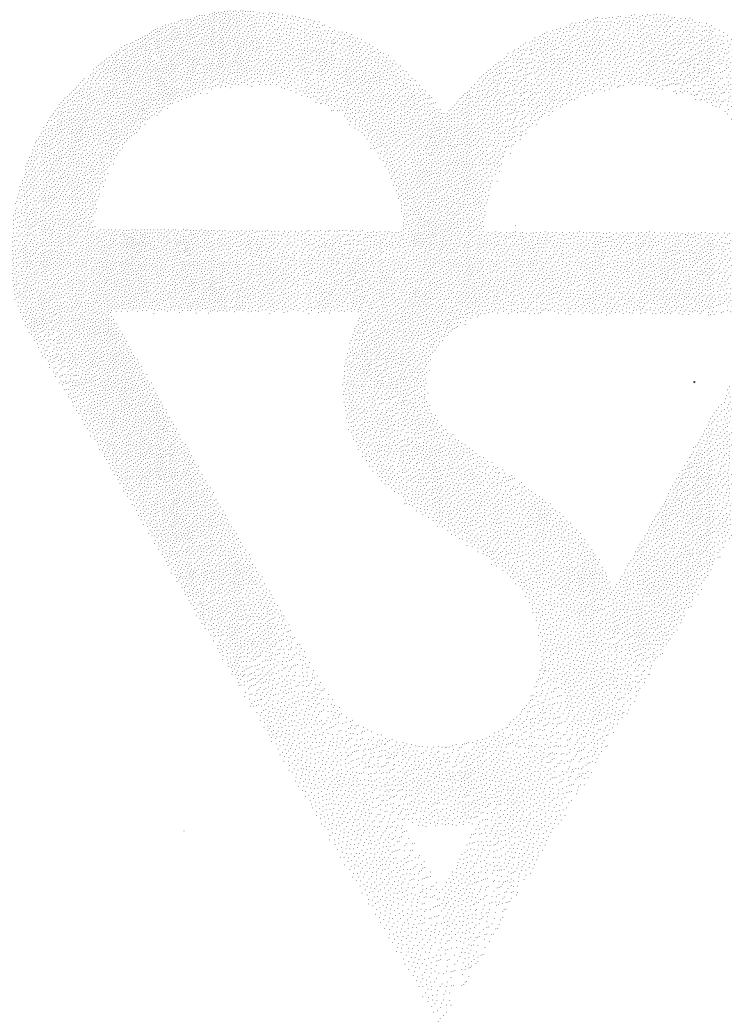
No. KM 68559

The following BS 1362 fuse links may be fitted to models LT-318 and LT-328 detailed this Kitemark Licence, subject to the continuing validity of their approvals.

Group Talents Ltd
Conquer Electronics Co Ltd
Group Talents Ltd
Dongguan Cooper Electronics Co Ltd

Model SEM
Model UXT
Model SEM
Model TDC

BSI Kitemark licence number KM 21062.
ASTA licence number 1242.
ASTA licence number 500.
ASTA licence number 658.



First Issued: 2002-09-16
Latest Issue: 2018-11-09

Effective Date: 2018-11-09
Expiry Date: 2021-11-08

Page: 7 of 7

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

ZEICHENGENEHMIGUNG MARKS APPROVAL

Lian Dung Electric Wire
Material Co., Ltd.
No. 515-16, Sec. 2, San Feng Road
Feng Yuan District
420 TAICHUNG CITY
TAIWAN

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

Starkstromleitungen für allgemeine Anwendungen -
Flexible Leitungen mit thermoplastischer PVC-Isolierung
Cables for general applications -
Flexible cables with thermoplastic PVC insulation

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.

◁VDE▷ oder/oder ▷▷▷ oder/oder  schwarz rot
black red

Geprüft und zertifiziert nach /
Tested and certified according to

DIN EN 50525-2-11 (VDE 0285-525-2-11):2012-01; EN 50525-2-11:2011

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



M. Tasotti

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

VDE

Aktenzeichen: 2010800-5140-0005 / 266674

File ref.:

Ausweis-Nr. 98629

Blatt 1

Certificate No.

Page

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

Offenbach, 1997-01-22

(letzte Änderung / updated 2019-11-07)

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



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

Lian Dung Electric Wire Material Co., Ltd., No. 515-16, Sec. 2, San Feng Road, Feng Yuan District, 420
TAICHUNG CITY, TAIWAN

Aktenzeichen / *File ref.*

2010800-5140-0005 / 266674 / TL6 / HEG

letzte Änderung / *updated*

2019-11-07

Datum / *Date*

1997-01-22

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 98629.

This supplement is only valid in conjunction with page 1 of the Certificate No. 98629.

**Starkstromleitungen für allgemeine Anwendungen -
Flexible Leitungen mit thermoplastischer PVC-Isolierung**
***Cables for general applications -
Flexible cables with thermoplastic PVC insulation***

Typ(en) / *Type(s)*

H03VV-F 2...3 x 0,5...0,75 mm²

+

H03VVH2-F 2 x 0,5...0,75 mm²

+

H05VV-F 2...3 x 0,75...2,5 mm²

+

H05VVH2-F 2 x 0,75...1,0 mm²

+

Leitungsbauart

Type of cable

Standardleitungen

General purpose cables

Firmenzeichen

Trademark

LIAN DUNG

Dieser Zeichengenehmigungs-Ausweis bildet eine Grundlage für die EG-Konformitätserklärung und CE-Kennzeichnung durch den Hersteller oder dessen Bevollmächtigten und bescheinigt die Konformität mit den grundlegenden Schutzanforderungen der **EG-Niederspannungsrichtlinie 2014/35/EU**.

*This Marks Approval is a basis for the EC Declaration of Conformity and the CE Marking by the manufacturer or his agent and proves the conformity with the essential safety requirements of the **EC Low-Voltage Directive 2014/35/EU**.*

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Fachgebiet TL6

Section TL6

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. /
Certificate No.
98629

Beiblatt /
Supplement

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

Lian Dung Electric Wire Material Co., Ltd., No. 515-16, Sec. 2, San Feng Road, Feng Yuan District, 420
TAICHUNG CITY, TAIWAN

Aktenzeichen / *File ref.*

2010800-5140-0005 / 266674 / TL6 / HEG

letzte Änderung / *updated*

2019-11-07

Datum / *Date*

1997-01-22

Dieses Beiblatt ist Bestandteil des Zeichengenehmigungsausweises Nr. 98629.

This supplement is part of the Certificate No. 98629.

Starkstromleitungen für allgemeine Anwendungen - Flexible Leitungen mit thermoplastischer PVC-Isolierung

Cables for general applications - Flexible cables with thermoplastic PVC insulation

Fertigungsstätte(n)

Place(s) of manufacture

Referenz/*Reference*

30009165

Lucky United Electric

Wire & Cable Co., Ltd

Huai De Adm. District

523926 HU-MEN TOWN, DONGGUAN CITY

Guangdong

CHINA

VDE Prüf- und Zertifizierungsinstitut GmbH

VDE Testing and Certification Institute

Fachgebiet TL6

Section TL6

VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Infoblatt /
Certificate No. Info sheet
98629

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

Lian Dung Electric Wire Material Co., Ltd., No. 515-16, Sec. 2, San Feng Road, Feng Yuan District, 420
TAICHUNG CITY, TAIWAN

Aktenzeichen / File ref.

2010800-5140-0005 / 266674 / TL6 / HEG

letzte Änderung / updated

2019-11-07

Datum / Date

1997-01-22

Dieses Blatt gilt nur in Verbindung mit Blatt 1 des Zeichengenehmigungsausweises Nr. 98629.

This supplement is only valid in conjunction with page 1 of the Certificate No. 98629.

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.