

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, San Feng Rd. Feng Yuan DIST.,
Taichung City, 420 Taiwan, R.O.C.
TEL : 04-25270346 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.)

SN319-3/07/1.8BK; SN319-3/07/1.8WH;
SN319-3/07/1.8GY

PLUG : LT-319+501

CORD : H05VV-F 3G0.75mm² BLK/WHT/GREY 1.8m

ISSUE : LD-QA-1091004/1091005/1091006

DATE : OCT-05-2020

核		審		製	Aaron
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 (Uo/U)		V/V	300/500
NO. OF CORE		NO.	3
CONDUCTOR	NOMINAL AREA	mm ²	0.75
	CONSTRUCTION	NO/mm	30/0.18 or 24/0.20
THICKNESS OF INSULATION		mm	0.6
THICKNESS OF SHEATH		mm	0.8
NOMINAL OVERALL DIAMETER		mm	6.8±0.2
CONDUCTOR RESISTANCE(AT 20°C)		ohm/km	26.0(Max.)
TEST VOLTAGE		V/min	2000/15

1.3 SOURCE FOR FLEXIBLE CORD

- ☆ RHYTHM
- ☆ I-SHENG
- ☆ LIAN DUNG

2. PLUG

2.1 SCOPE

The plug shall be in accordance with Italian Standard
CEI 23-50

2.2 CONSTRUCTION

The plug construction shall be in accordance with our Catalogue
NO.LT-319 10A 250V~

2.3 CHARACTERISTICS

NO	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 1min.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.	Normal operation test	The plug is inserted into and withdraw from the socket-outlets 5000 times at rated current. And they shall withstand an electric strength.	Withstand 1500v/1min
5.	Temperature rise test	An alternating current of 10A is passed through poles for 1 hours.	Max.45°C at any points
6.	Bending test	The samples shall be loaded with a weight of 10N(1.02kg) 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.The rated current of plug is passed through the conductors.	No damage

NO	TEST ITEM	SPEC. VALUE	TEST RESULTS
7.	Tumbling test	The samples are dropped from a height of 50cm onto a steel plate (3mm thick) for a total of 1000 times.	No damage
8.	Cold impact test	The samples are kept in a refrigerator at a temperature of $-15\pm 2^{\circ}\text{C}$,for at least 16 hours The samples are then allowed to fall by the hammer from a height of 10cm.	No damage
9.	Abrasion test	The pin of sample slopes downwards at angles of 10 to the horizontal. The sample is loaded with a force of 4N(0.41kg)on the pin. The number of movement is 10000,and the length of pin subjected to abrasion is approximately 7mm over the insulating collar.	No damage
10.	Heat deformation test	The samples are kept for 1 hour in a heating cabinet at temperature of $100\pm 5^{\circ}\text{C}$.	No damage
11.	Heat pressure test	The samples are applied 20N(2.04kg) at a temperature of $80\pm 2^{\circ}\text{C}$ for 1 hr.	No damage
12.	Aging test	The samples are kept for 168 hours in a heating cabinet at temperature of $80\pm 2^{\circ}\text{C}$.	No damage
13.	Deformation resistance at higher temperature test	The test temperature is 70°C for 6 hours .The test weight is 1N(0.11kg). The diameter of the ball impression shall not be greater than 3mm.	No damage
14.	Pressure test	The samples are applied 300N(30.6kg) at a temperature of $20\pm 2^{\circ}\text{C}$ for 1min.	No damage

3. CONNECTOR

3.1 SCOPE

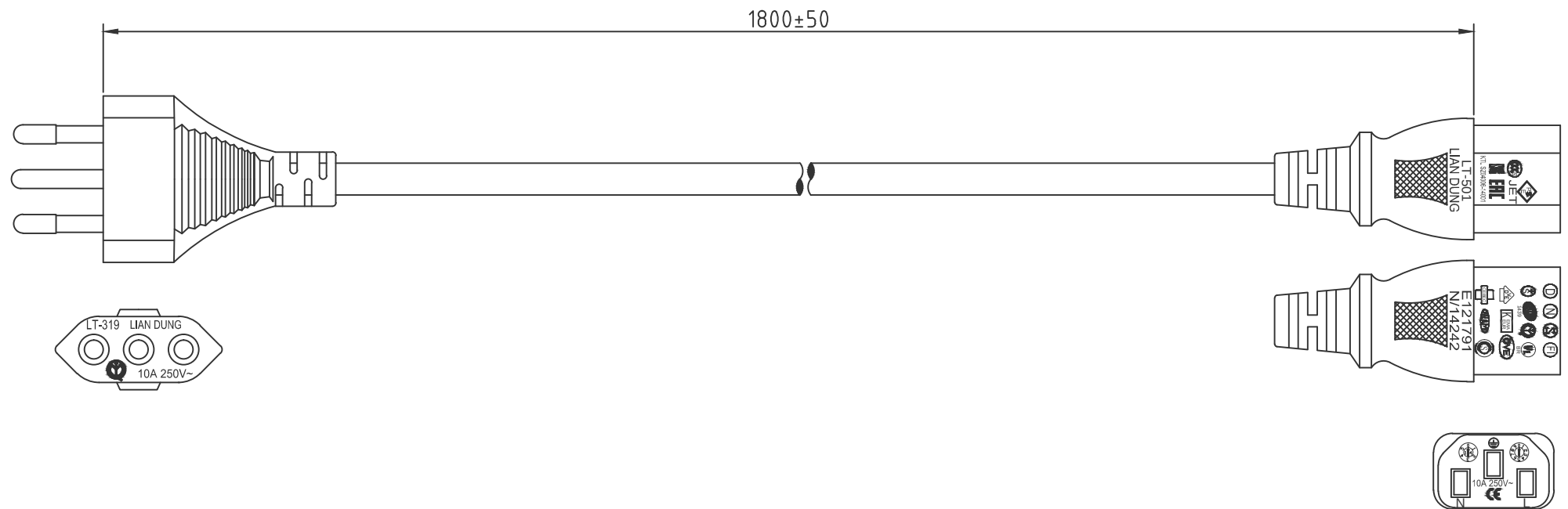
The connector shall be in accordance with CEE IEC 320 (Appliance coupler).

3.2 CONSTRUCTION

The connector construction shall be in accordance with our Catalogue NO.LT-501.

3.3 CHARACTERISTICS

NO	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 sample shall be loaded with a weight of 10N(1.02kg) 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 20,000. The sample is turned through 90°after 10,000 flexing.	No damage
5.	Tumbling test	The samples are drop from a height of 50cm onto a plywood base(10mm thick) for a total of 1000 times	No damage
6.	Cold test	The samples are kept in a refrigerator at a temperature of -15±2°C ,for 1 hour.	No damage
7.	Heat Deformation test	The samples are kept for 1 hour in a heating cabinet at temperature of 70±2°C .	No damage

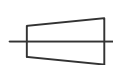


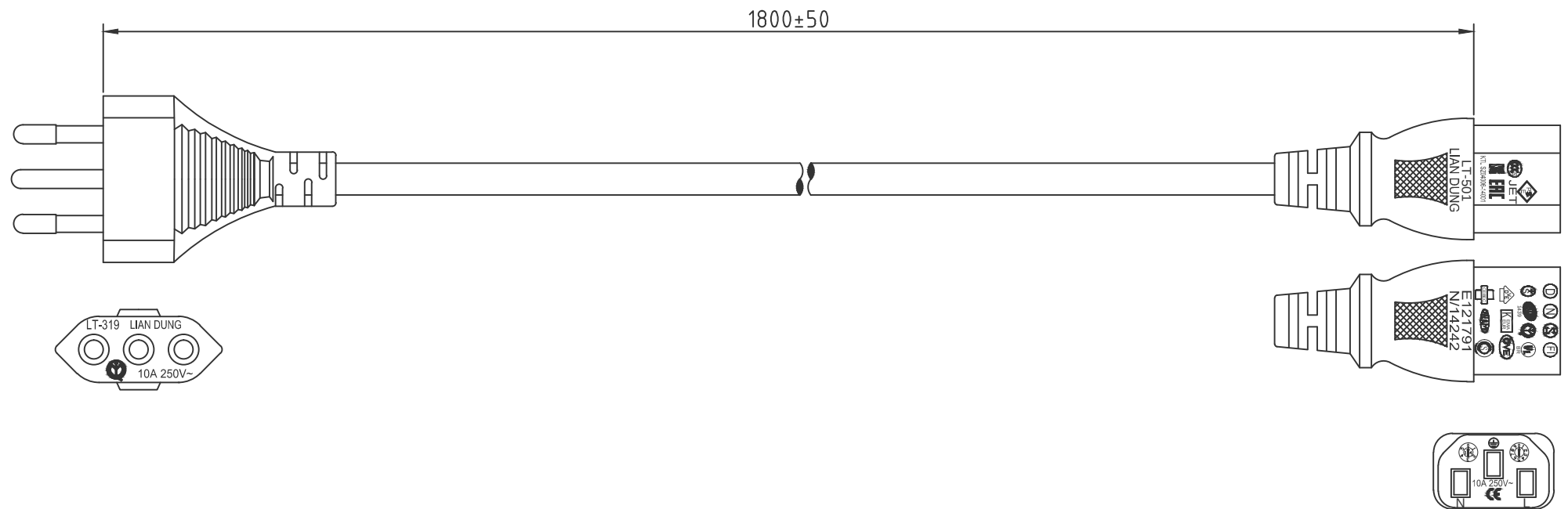
NOTE :

1. PLUG : LT-319 ITALY TYPE
2. CONNECTOR : LT-501 IEC-320 C13
3. Strain relief : NA
4. CORD : H05VV-F 3X0.75mm² BK 1.8m
5. APPROVALS : IMQ
6. CUSTOMER : TME
7. Supplier for flexible cord : RHYTHM, I-SHENG, LIAN DUNG
8. P/N : SN319-3/07/1.8BK

※Customer drawing number : NA

修改履歷

△6			5. APPROVALS : TMEQ 6. CUSTOMER : TME 7. Supplier for flexible cord : RHYTHM, I-SHENG, LIAN DUNG 8. P/N : SN319-3/07/1.8BK						
△5			※Customer drawing number : NA						
△4									
△3			DRAWER	Aaron	DATE	20/10/05	TITLE	LT-319+501	 LIAN DUNG ELECTRIC WIRE MATERIAL CO.,LTD. 聯東電線材料股份有限公司
△2			APPROVE		REV.	1	Dr.No.	1091004	
△1	新增	20/10/05	 		比例		TOL.	±5mm	
REV.	DESCRIPTION	DATE					ALL DIMENSIONS IN mm		

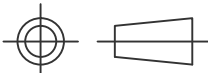


NOTE :

1. PLUG : LT-319 ITALY TYPE
2. CONNECTOR : LT-501 IEC-320 C13
3. Strain relief : NA
4. CORD : H05VV-F 3X0.75mm² WHT 1.8m
5. APPROVALS : IMQ
6. CUSTOMER : TME
7. Supplier for flexible cord : RHYTHM, I-SHENG, LIAN DUNG
8. P/N : SN319-3/07/1.8WH

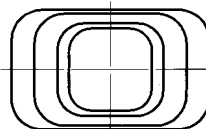
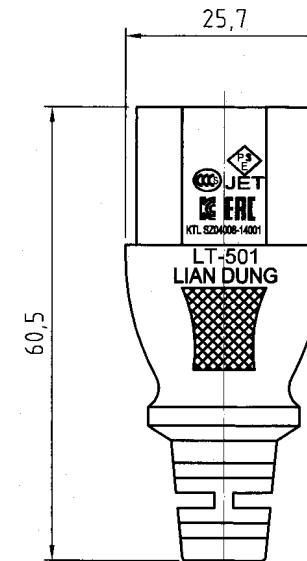
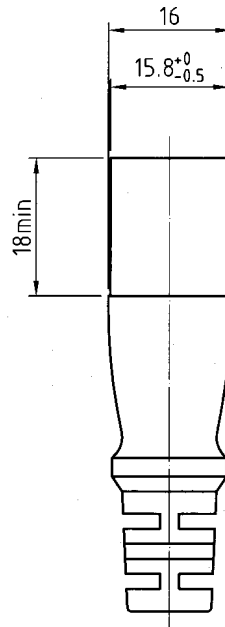
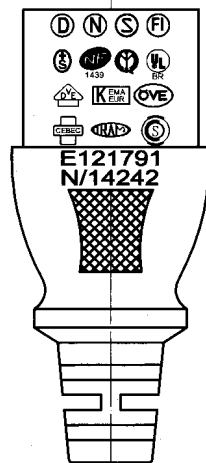
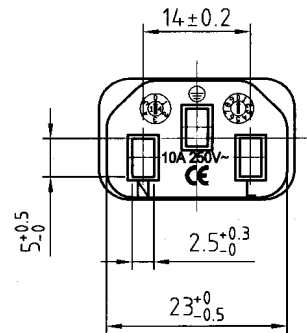
※Customer drawing number : NA

修改履歷

△6			5. APPROVALS : TMEQ 6. CUSTOMER : TME 7. Supplier for flexible cord : RHYTHM, I-SHENG, LIAN DUNG 8. P/N : SN319-3/07/1.8WH						※Customer drawing number : NA		
△5			DRAWER	Aaron	DATE	20/10/05	TITLE	LT-319+501			
△4			APPROVE		REV.	1	Dr.No.	1091005			
△3	新增	20/10/05			比例		TOL.	±5mm			
△2							ALL DIMENSIONS IN mm				
△1											
REV.	DESCRIPTION	DATE									



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



PART	DESCRIPTION	DATE	DRAWER	葉惠菁	DATE	15/12/08	TITLE	LT-501-環球
1.			APPROVE	林明宗	REV.	2	Dr.No.	C501010
2.					比例	1:1	TOL.	±0.8mm
3.					ALL DIMENSIONS IN mm			



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

PID:

02113100

CID:

C.1995.1040

Certificato di approvazione

Approval certificate



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

IMQ, accredited certification body, grants to

PRD N° 005B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

**LIAN DUNG ELECTRIC WIRE MAT.CO.,LTD.
NO. 515-16,SEC 2,SAN FENG RD,FENG YUAN
DISTRICT
420 TAICHUNG CITY
TW - Taiwan**

all'uso del marchio

the licence to use the mark

IMQ

**Il presente certificato è
soggetto alle condizioni
previste nel Regolamento
"MARCHI IMQ -
Regolamento per la
certificazione di prodotti" ed
è relativo ai prodotti
descritti nell'Allegato al
presente certificato.**



per i seguenti prodotti

for the following products

**Spine indissolubilmente
collegate al cavo
(Rif. di tipo LT-319)**

*Non-rewirable plugs
(Type ref. LT-319)*

*This certificate is subjected to
the conditions foreseen by Rules
"IMQ MARKS - RULES for
product certification" and is
relevant to the products listed in
the annex to this certificate.*

Emesso il / Issued on **1996-12-20**

Aggiornato il / Updated on **2020-05-22**

Sostituisce / Replaces **2019-03-05**

IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 1996-12-20
Aggiornato il / Updated on 2020-05-22
Sostituisce / Replaces 2019-03-05

Prodotto | Product

Spine indissolubilmente collegate al cavo Non-rewirable plugs

Concessionario | Licence Holder

LIAN DUNG ELECTRIC WIRE MAT.CO.,LTD.
NO. 515-16, SEC 2, SAN FENG RD, FENG YUAN DISTRICT
420 TAICHUNG CITY
TW - Taiwan

Marchio | Mark



IMQ

Costruito a | Manufactured at

99000445	LILIAN+2	523925	HUMEN TOWN, DONGGUAN CITY
96008257	CLLIAN.C	420	TAICHUNG CITY

China
Taiwan

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 / Specifiche tecniche

Prodotto/i conforme/i alle Norme/Specifiche tecniche:
CEI 23-50 - II Ed. 2007 + V1:2008 + V2:2011 + V3:2015

Standards / Technical specifications

Product/s complying to Standards/Technical specifications:
CEI 23-50 - II Ed. 2007 + V1:2008 + V2:2011 + V3:2015

Rapporti | Test Reports

MI20-0051517-01

Caratteristiche tecniche | Technical characteristics

Designazione Type designation	2P+T S11 / 2P+E S11
Tensione nominale Rated voltage	250 V
Corrente nominale Rated current	10 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)

DAT95006823.1

Marca Trade mark	LIAN DUNG
Riferimento di tipo Type reference	LT-319
Tipo di cavo Type of cable	H03VV-F
Sezione nominale Section areas	3G0,75 mm²

DAT95006823.2

Marca Trade mark	LIAN DUNG
Riferimento di tipo Type reference	LT-319
Tipo di cavo Type of cable	H05VV-F
Sezione nominale Section areas	3G0,75 mm²

DAT95006823.3

Marca Trade mark	LIAN DUNG
Riferimento di tipo Type reference	LT-319
Tipo di cavo Type of cable	H05VV-F
Sezione nominale Section areas	3G1 mm²

DAT95006823.4

Marca / Trade mark **LIAN DUNG**
Riferimento di tipo / Type reference **LT-319**
Tipo di cavo / Type of cable **H05RR-F**
Sezione nominale / Section areas **3G0,75 mm²**

DAT95006823.5

Marca / Trade mark **LIAN DUNG**
Riferimento di tipo / Type reference **LT-319**
Tipo di cavo / Type of cable **H05RR-F**
Sezione nominale / Section areas **3G1 mm²**

DAT95006823.6

Marca / Trade mark **LIAN DUNG**
Riferimento di tipo / Type reference **LT-319**
Tipo di cavo / Type of cable **H05RN-F**
Sezione nominale / Section areas **3G0,75 mm²**

AR.D0004T

Marca / Trade mark **LIAN DUNG**
Riferimento di tipo / Type reference **LT-319**
Tipo di cavo / Type of cable **H05RN-F**
Sezione nominale / Section areas **3G1 mm²**

AR.F008F8

Marca / Trade mark **LIAN DUNG**
Riferimento di tipo / Type reference **LT-319**
Tipo di cavo / Type of cable **H03RT-H**
Sezione nominale / Section areas **3G0,75 mm²**

AR.D0004V

Marca / Trade mark **LIAN DUNG**
Riferimento di tipo / Type reference **LT-319**
Tipo di cavo / Type of cable **H03RT-H**
Sezione nominale / Section areas **3G1 mm²**

Ulteriori informazioni | Additional Information

La spina rif. di tipo LT-319 è prodotta con il seguente inserto:
Marca: GEM, art. P98007P e P98007P-1W, colore nero e bianco.

The non-rewirable plug type ref. LT-319 is manufacturer with the following insert:
Trade Mark: GEM, types P98007P and P98007P-1W, black colour and white colour.

Componenti | Component List

Type ref. LT-319

<i>Tipo / Type</i>	<i>(*)</i>	<i>Costruttore / Manufacturer</i>	<i>Riferimento / Type Ref.</i>	<i>Dati / Data</i>	<i>Norme / Standard (*)</i>	<i>Marchi / Marks</i>
Cavo / Cable	2/4	Lian Dung Electric Wire Material Co., Ltd.	LIAN DUNG	H03VV-F	-	VDE
Cavo / Cable	2/4	Lian Dung Electric Wire Material Co., Ltd.	LIAN DUNG	H05VV-F	-	VDE
Cavo / Cable	2/4	Lucky United Electric Wire & Cable Co., Ltd.	LUCKY UNITED	H03VV-F	-	IMQ
Cavo / Cable	2/4	Lucky United Electric Wire & Cable Co., Ltd.	LUCKY UNITED	H05VV-F	-	IMQ
Cavo / Cable	2/4	Lucky United Electric Wire & Cable Co., Ltd.	TAI SHAN LUCKY UNITED	H05VV-F	-	IMQ
Cavo / Cable	2/4	Rhythm Wire Industrial Co., Ltd.	RHYTHM WIRE	H03VV-F	-	VDE
Cavo / Cable	2/4	Rhythm Wire Industrial Co., Ltd.	RHYTHM WIRE	H05VV-F	-	VDE
Cavo / Cable	2/4	Shenzhen Tongyuan Industrial Co., Ltd.	SUZHOU TONGYUAN	H03VV-F	-	IMQ
Cavo / Cable	2/4	Shenzhen Tongyuan Industrial Co., Ltd.	SUZHOU TONGYUAN	H05VV-F	-	IMQ
Cavo / Cable	2/4	Lucky United Electric Wire & Cable Co., Ltd.	LUCKY UNITED	H05RR-F	-	VDE
Cavo / Cable	2/4	Lucky United Electric Wire & Cable Co., Ltd.	LUCKY UNITED	H05RN-F	-	VDE

Cavo / Cable	2/4	Lucky United Electric Wire & Cable Co., Ltd.	LUCKY UNITED	H03RT-H	-	IMQ
Cavo / Cable	2/4	Standard Electric Wire & Cable Co., Ltd.	STANDARD ELECTRIC WIRE & CABLE CO., LTD.	H05RR-F	-	IMQ
Cavo / Cable	2/4	Standard Electric Wire & Cable Co., Ltd.	STANDARD ELECTRIC WIRE & CABLE CO., LTD.	H05RN-F	-	IMQ
Cavo / Cable	2/4	Zheng Yu El. Appl. Fitt. (Kunshan) Co., Ltd.	ZHENG YU	H05RR-F	-	IMQ
Cavo / Cable	2/4	Zheng Yu El. Appl. Fitt. (Kunshan) Co., Ltd.	ZHENG YU	H05RN-F	-	IMQ
Cavo / Cable	2/4	Shenzhen Tongyuan INDUSTRI Co.,Ltd.	SUZHOU TONGYUAN	H05VV-F	-	IMQ
Cavo / Cable	2/4	I-Sheng Electric Wire & Cable Co.,Ltd	I-SHENG SGIS	H03VV-F	-	VDE
Cavo / Cable	2/4	I-Sheng Electric Wire & Cable Co.,Ltd	I-SHENG SGIS	H05VV-F	-	VDE
Cavo / Cable	2/4	Shaoxing Nanxiang Cable Co., Ltd.	SHAOXING NANXIANG CABLE CO., LTD.	H03RT-H	-	VDE
Cavo / Cable	2/4	Lian Dung Electric Wire Material Co., Ltd.	LIAN DUNG	H05RR-F	-	VDE
Cavo / Cable	2/4	Lian Dung Electric Wire Material Co., Ltd.	LIAN DUNG	H05RN-F	-	VDE
Cavo / Cable	2/4	I Sheng Electric Wire & Cable Co. Ltd.	I SHENG KSIS	H05RR-F	-	VDE
Cavo / Cable	2/4	I Sheng Electric Wire & Cable Co. Ltd.	I SHENG KSIS	H05RN-F	-	VDE

Emesso il | Issued on **2008-10-17** Data di aggiornamento | Updated on **2020-05-22** Sostituisce | Replaces **2019-03-05**

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

DAT95006823 BTU.021100.DA19

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

2

PID:

02115100

CID:

C.1995.1040

Certificato di approvazione

Approval certificate



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

IMQ, accredited certification body, grants to

PRD N° 005B

Membro degli Accordi di Mutuo
Riconoscimento EA, IAF e ILAC
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

**LIAN DUNG ELECTRIC WIRE MAT.CO.,LTD.
NO. 515-16,SEC 2,SAN FENG RD,FENG YUAN
DISTRICT
420 TAICHUNG CITY
TW - Taiwan**

all'uso del marchio

the licence to use the mark

IMQ

**Il presente certificato è
soggetto alle condizioni
previste nel Regolamento
"MARCHI IMQ -
Regolamento per la
certificazione di prodotti" ed
è relativo ai prodotti
descritti nell'Allegato al
presente certificato.**



per i seguenti prodotti

for the following products

**Prese di connettore
indissolubilmente collegate al
cavo
(Rif. di tipo LT-501)**

*Non-rewirable connectors
(Type ref. LT-501)*

*This certificate is subjected to
the conditions foreseen by Rules
"IMQ MARKS - RULES for
product certification" and is
relevant to the products listed in
the annex to this certificate.*

Emesso il / Issued on **1997-06-02**

Aggiornato il / Updated on **2020-09-01**

Sostituisce / Replaces **2019-10-28**

IMQ S.p.A.

Allegato - Certificato di approvazione
Annex - Approval certificate

Emesso il / Issued on 1997-06-02
Aggiornato il / Updated on 2020-09-01
Sostituisce / Replaces 2019-10-28

Prodotto | Product

Prese di connettore indissolubilmente collegate al cavo Non-rewirable connectors

Concessionario | Licence Holder

LIAN DUNG ELECTRIC WIRE MAT.CO.,LTD.
NO. 515-16, SEC 2, SAN FENG RD, FENG YUAN DISTRICT
420 TAICHUNG CITY
TW - Taiwan

Marchio | Mark



IMQ

Costruito a | Manufactured at

99000445	LILIAN+2	523925	HUMEN TOWN, DONGGUAN CITY
96008257	CLLIAN.C	420	TAICHUNG CITY

China
Taiwan

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 / Specifiche tecniche

Prodotto/i conforme/i alle Norme/Specifiche tecniche:

EN 60320-1:2015
EN 60320-3:2014

Standards / Technical specifications

Product/s complying to Standards/Technical specifications:

EN 60320-1:2015
EN 60320-3:2014

Rapporti | Test Reports

MI20-0053404-01

Caratteristiche tecniche | Technical characteristics

<i>Designazione / Type designation</i>	2P+T foglio C13 / 2P+E S.S. C13
<i>Tensione nominale / Rated voltage</i>	250 V
<i>Corrente nominale / Rated current</i>	10 A
<i>Tipo di applicazione / Type of application</i>	fredda / for cold conditions
<i>Tipo di morsetti / Type of terminals</i>	morsetti aggraffati - aggraffati e saldati / crimped - crimped and soldered connections
<i>Materiale della custodia / Material of the cover</i>	termoplastico / thermoplastic
<i>Uscita cavo / Cable exit</i>	assiale / straight

Articoli (con dettagli) | Articles (with details)

DAT97001546.1

<i>Marca / Trade mark</i>	LIAN DUNG
<i>Riferimento di tipo / Type reference</i>	LT - 501
<i>Tipo di cavo / Type of cable</i>	H05VV-F
<i>Sezione nominale / Section areas</i>	3G0,75 mm²

DAT97001546.2

<i>Marca / Trade mark</i>	LIAN DUNG
<i>Riferimento di tipo / Type reference</i>	LT - 501
<i>Tipo di cavo / Type of cable</i>	H05VV-F
<i>Sezione nominale / Section areas</i>	3G1 mm²

Ulteriori informazioni | Additional Information

Le prese di connettore rif. di tipo LT-501 possono essere prodotte con i seguenti inserti:

- Marca DING SHUN, art. DS-13, colore bianco
- Marca Ming You, art. MY-A-027B, colore bianco

Le prese di connettore rif. di tipo: LT-501 possono essere prodotte nei seguenti stabilimenti:

- 1) Lian Dung Electric Wire Material Co., Ltd.
No. 515-16, Sec. 2, San Feng Road, Feng Yuan District, 420 TAICHUNG CITY - TAIWAN
- 2) Dongguan Lian Dung Electric Co., Ltd.
No.1 Xixing Fifth Street, BeiZhan Area, 523925 HUMEN TOWN, DONGGUAN CITY, Guangdong - CHINA

Le prese di connettore prodotte nello stabilimento di Guangdong, sono identificate con la lettera C.

The non-rewirable connectors type ref. LT-501 may be manufactured with the following inserts:

- Trade mark DING SHUN, art. DS-13, white colour
- Trade mark Ming You, art. MY-A-027B, white colour

The non-rewirable connectors type ref.: LT-501 may be manufactured at the following factory locations:

- 1) Lian Dung Electric Wire Material Co., Ltd.
No. 515-16, Sec. 2, San Feng Road, Feng Yuan District, 420 TAICHUNG CITY - TAIWAN
- 2) Dongguan Lian Dung Electric Co., Ltd.
No.1 Xixing Fifth Street, BeiZhan Area, 523925 HUMEN TOWN, DONGGUAN CITY, Guangdong - CHINA

The non-rewirable connectors made in the factory of Guangdong, are identified by the letter C.

Componenti | Component List

LT-501

Tipo / Type	(*)	Costruttore / Manufacturer	Riferimento / Type Ref.	Dati / Data	Norme / Standard (*)	Marchi / Marks
Cavo / Cable	2/4	Lian Dung Electric Wire Material Co., Ltd.	LIAN DUNG	H05VV-F	-	VDE
Cavo / Cable	2/4	I-Sheng Electric Wire & Cable Co.Ltd.	I-SHENG SGIS	H05VV-F	-	VDE
Cavo / Cable	2/4	Rhythm Wire Industrial Co., Ltd.	RHYTHM WIRE	H05VV-F	-	VDE
Cavo / Cable	2/4	Shenzen Tongyuan Industrial Co.,Ltd.	TONGYUAN	H05VV-F	-	VDE

Emesso il | Issued on **2008-10-17** Data di aggiornamento | Updated on **2020-09-01** Sostituisce | Replaces **2019-10-28**

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

DAT97001546 BTU.021100.DA19

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

1

ZEICHENGENEHMIGUNG MARKS APPROVAL

Rhythm Wire Industrial
Co., Ltd.

No. 147 Yih-Lin Road
Jen Te Hsiang
717 TAINAN COUNTY
TAIWAN

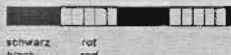
ist berechtigt, für ihr Produkt /
is authorized to use for their product

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.

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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


J. Gutermann

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File ref.:

Ausweis-Nr. 94010

Blatt 1

Certificate No.

Page

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

Offenbach, 1996-05-14

(letzte Änderung / updated 2014-03-21)

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



VDE Prüf- und Zertifizierungsinstitut Zeichengenehmigung

Ausweis-Nr. / Blatt /
Certificate No. Page
94010 2

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

Rhythm Wire Industrial Co., Ltd., No. 147 Yih-Lin Road, Jen Te Hsiang, 717 TAINAN COUNTY, TAIWAN

Aktenzeichen / File ref.

1423800-5140-0005 / 179742 / CC5 / STR

letzte Änderung / updated

2014-03-21

Datum / Date

1996-05-14

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This supplement is only valid in conjunction with page 1 of the Certificate No. 94010.

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...4 x 0,5...0,75 mm²

+

H03VVH2-F 2 x 0,5...0,75 mm²

+

H05VV-F 2...5 x 0,75...1,5 mm²

+

H05VVH2-F 2 x 0,75...1,0 mm²

+

Leitungsbauart

Type of cable

Standardleitungen

General purpose cables

Firmenzeichen

Trademark

RHYTHM

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 CC5

Section CC5



ZEICHENGENEHMIGUNG MARKS APPROVAL

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

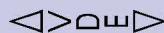
ist berechtigt, für ihr Produkt /
is authorized to use for their product

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

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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

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File ref.:

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Certificate No. Page

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further conditions see overleaf and following pages

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

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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., 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

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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

Type of cable

Standardleitungen

General purpose cables

Firmenzeichen

Trademark

I-SHENG SGIS

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.

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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

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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

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

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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:

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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

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 /
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◁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
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M. Tasotti

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File ref.:

Ausweis-Nr. 98629

Blatt 1

Certificate No.

Page

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Offenbach, 1997-01-22

(letzte Änderung / updated 2019-11-07)

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<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

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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

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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

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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.