



TEST REPORT IEC 60998-1

Connecting devices for low voltage circuits for household and similar purposes

Part 1: General requirements

Report Reference No..... LCSA03105330S

Date of issue....: 2025-04-03 Total number of page.....: 21 pages

Shenzhen Onlumi Technology Limited Applicant's name.....

Room 218, 2F, Building D, YouDingQiChuang Area, NO. 62, Address....:

HePing Road, QingHua Community, LongHua District, Shenzhen,

REPORT NO.: LCSA03105330S

G. D. China

Test specification:

IEC 60998-1:2002 Standard....:

Test procedure....: Type test Non-standard test method....:

Test item description..... Hippo-M MAX LED Strip Connector

Trade Mark....:

Manufacturer....: Same as the applicant

Model/Type reference....: See model list See model list Ratings....:





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Testing procedure and testing location: \boxtimes Shenzhen LCS Compliance Testing Laboratory Ltd. **Testing Laboratory:** Testing location/ address....:: Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China Angus lu Angus Lu/ Test engineer 7im-Lin Tim Liu / Project Checked by....:: engineer Hart Qiu / Technical Approved by....:: manager

List of Attachments (including a total number of pages in each attachment):

Attachment No.1: Photo documentation

Summary of testing:

Tests performed (name of test and test clause):

The submitted samples were found to comply with the requirements of:

Electrical safety

> IEC 60998-1:2002 EN 60998-1:2004

Testing location:

Shenzhen LCS Compliance Testing Laboratory

REPORT NO.: LCSA03105330S

Room 101, 201, Building A and Room 301, Building C, Juji Industrial Park, Yabianxueziwei, Shajing Street, Bao'an District, Shenzhen, Guangdong, China







Copy of marking plate:

The artwork below may be only a draft.



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Hippo-M MAX LED Strip Connector MX/2045-X10C-2P Rating: 24V, 5.5A 20AWG(0.5m²)



MADE IN CHINA

Remark:

- 1) Minimum height of CE mark is 5mm, minimum height of WEEE mark is 7mm.
- 2) Name and address of the Importer and Manufacturer must be affixed on the product when the product placed on the EU market.



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Test item particulars:	The real
Number of terminals:	□ single ⊠ multiway
Protection against electric shock	☐ with ⊠ without
Means of fixing:	⊠ with □ without
Rated temperature:	⊠ without T marking □ with T marking (°C)
IP number:	IPX0
Type of terminals, screwless-type:	☐ universal ☐ non-universal ☒ push wire
Conductor type	⊠ rigid ☐ flexible
Rated connecting capacity:	☐ 0,34mm² ☐ 0,5mm² ☐ 0,75mm² ☐ 1mm² ☐ 1,5mm² ☐ 2,5mm² ☐ 4mm² ☐ 6mm²
Conductor insulation:	☐ 10mm² ☐ 16mm² ☐ 25mm² ☐ 35 mm²
Rated voltage (V ac / V dc):	\square AC \boxtimes DC
Classification of installation and use:	multiway terminal devices
Supply Connection:	DC terminal
Possible test case verdicts:	女祝检测 Lab 女讯检
- test case does not apply to the test object::	N/A \\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \
- test object does meet the requirement::	P (Pass)
- test object does not meet the requirement::	F (Fail)
Testing:	
Date of receipt of test item:	2025-03-10
Date (s) of performance of tests:	From 2025-03-10 to 2025-04-03
General remarks:	
The test results presented in this report relate only This report shall not be reproduced, except in full, laboratory. "(see Enclosure #)" refers to additional informatio "(see appended table)" refers to a table appended t	without the written approval of the Issuing testing n appended to the report.
	o the report.

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When differences exist; they	shall be identified in the General product informa	ition section.
declaration from the Manufaction sample(s) submitted for evaluation representative of the production has been provided	uation is (are) s from each factory:	
The application for obtaining includes more than one factor	ry location and a Not applicable	



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General product information:

- 1. The samples for each group of testing were selected randomly from the samples provided by the
- Tests are conducted on model MX/2045-X10C-2P to represent the other.
- 3. All models have the same components, internal construction and shape, except for the different model

\neg		names and trademark, detail refer to model li
_	Rated	Model
		MX/2045-X5C-2P
		MX/2045-B5C-2P
一 古河沧洲	H 12 Mar Lab	MX/2045-X5-3P
VET LOS TOST	Stesting Lab	MX/2045-B5-3P
		MX/2045-X8C-2P
		MX/2045-B8C-2P
		MX/2045-X8-3P
		MX/2045-B8-3P
		MX/2045-X8C-3P
		MX/2045-B8C-3P
		MX/2045-X8-4P
Ki t	W. State Commission of the Com	MX/2045-B8-4P
Lab	15 till 12 10 Los Tosting La	MX/2045-X8C-4P
1/2	181 cs	MX/2045-B8C-4P
		MX/2045-X10C-2P
	DC24V / 5.5A	MX/2045-B10C-2P
	20AWG(0.5mm ²)	MX/2045-X10-3P
		MX/2045-B10-3P
		MX/2045-X10C-3P
		MX/2045-B10C-3P
	10.	MX/2045-X10-4P
- 10 TM	不 15 M RE 177	MX/2045-B10-4P
Was Trille	用位 ^{则Lab} CS Testing Lab	MX/2045-X10C-4P
150	0.0	MX/2045-B10C-4P
		MX/2045-X10-5P
		MX/2045-B10-5P
		MX/2045-X12C-2P
		MX/2045-B12C-2P
		MX/2045-X12-3P
		MX/2045-B12-3P
4)	- 525	MX/2045-X12C-3P
1/10	上 : [] [] [] [] []	MX/2045-B12C-3P

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MX/2045-X12-4P	estingle	I Testing III
MX/2045-B12-4P		Top Top
MX/2045-X12C-4P		
MX/2045-B12C-4P		
MX/2045-X12-5P		
MX/2045-B12-5P		
MX/2045-X12C-5P		
MX/2045-B12C-5		
,MX/2045-X12-6P	th anno	The first time
MX/2045-B12-6P	THE WINDLAD	MS T Tin tiz ing Lab
MX/2045-X12C-6P	165 65 700	Mar Los Test
MX/2045-B12C-6P		
MX/2045-X8TC-2P		
MX/2045-B8TC-2P		
MX/2045-X10TC-2P		
MX/2045-B10TC-2P		

MX/2045-X5C-2P/L=150MM MX/2045-2X5C-2P/L=150MM MX/2045-X5-3P/L=150MM MX/2045-2X5-3P/L=150MM MX/2045-X8C-2P/L=150MM MX/2045-2X8C-2P/L=150MM MX/2045-X8-3P/L=150MM MX/2045-2X8-3P/L=150MM MX/2045-X8C-3P/L=150MM MX/2045-2X8C-3P/L=150MM MX/2045-X8-4P/L=150MM MX/2045-2X8-4P/L=150MM MX/2045-X8C-4P/L=150MM MX/2045-2X8C-4P/L=150MM MX/2045-X10C-2P/L=150MM MX/2045-2X10C-2P/L=150MM MX/2045-X10-3P/L=150MM MX/2045-2X10-3P/L=150MM MX/2045-X10C-3P/L=150MM MX/2045-2X10C-3P/L=150MM MX/2045-X10-4P/L=150MM MX/2045-2X10-4P/L=150MM



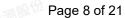
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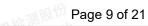


	Page 8 of 21	REPORT	NO.: LCSA03105330S
MX/2045-X10C-4P/L=150MM	Huore.	resting L	TEL TIME
MX/2045-2X10C-4P/L=150MM	1	60	The road
MX/2045-X10-5P/L=150MM			
MX/2045-2X10-5P/L=150MM			
MX/2045-X12C-2P/L=150MM			
MX/2045-2X12C-2P/L=150MM	1		
MX/2045-X12-3P/L=150MM			
MX/2045-2X12-3P/L=150MM			
MX/2045-X12C-3P/L=150MM	ns.43		18 Sec. 19
MX/2045-2X12C-3P/L=150MM	1 The Fill Back		一 方河拉 ^{洲加}
MX/2045-X12-4P/L=150MM	181 Les Testimo		拉洲拉洲 Les Testing Lab
MX/2045-2X12-4P/L=150MM			
MX/2045-X12C-4P/L=150MM			
MX/2045-2X12C-4P/L=150MM	1		
MX/2045-X12-5P/L=150MM			
MX/2045-2X12-5P/L=150MM			
MX/2045-X12C-5P/L=150MM			
MX/2045-2X12C-5P/L=150MM	1		
MX/2045-X12-6P/L=150MM	DC24V / 5	5.5A	
MX/2045-2X12-6P/L=150MM	20AWG(0.5	mm²)	LES LINES
MX/2045-X12C-6P/L=150MM		0.5	17.00
MX/2045-2X12C-6P/L=150MM	1		
MX/2045-B5LC-2P			
MX/2045-B5L-3P			
MX/2045-B8LC -2P			
MX/2045-B8L-3P			
MX/2045-B8LC-3P			
MX/2045-B8L-4P	A sur ou		A 22 C
MX/2045-B8LC-4P	The Hall Been		Triffith Till Beer
MX/2045-B10LC-2P	Also Los Testing Lab		LCS Testing Lab
MX/2045-B10L-3P			
MX/2045-B10LC-3P			
MX/2045-B10L-4P			
MX/2045-B10LC-4P			
MX/2045-B10L-5P			
MX/2045-B10LC-5P			
MX/2045-B12LC-2P			
MX/2045-B12L-3P	服役份	14300000	

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	Let all the second of the seco	4 CAPA TRICAL ID
MX/2045-B12LC-3P	glos IT The sting to	WS I'M
MX/2045-B12L-4P	100	150
MX/2045-B12LC-4P		
MX/2045-B12L-5P		
MX/2045-B12LC-5P		
MX/2045-B12L-6P		
MX/2045-B12LC-6P		
MX/2045-X5C-2PA		
MX/2045-X8C-2PA	(P. 40)	1822 (A)
MX/2045-X10C-2PA	The Market Sale	Triffith Me Lab
MX/2045-X12C-2PA	NEW DETERMINE	Les Testing Lab
MX/2045-X5C-2PA/L=150MM		
MX/2045-X8C-2PA/L=150MM		
MX/2045-X10C-2PA/L=150MM		
MX/2045-X12C-2PA/L=150MM		
MX/2045-2X5C-2PA/L=150MM		
MX/2045-2X8C-2PA/L=150MM		
MX/2045-2X10C-2PA/L=150MM		



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MX/2045-2X12C-2PA/L=150MM



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- La - SIM 165	份	IEC 60998-1	- 2/2
Clause	Requirement + Test	Result - Remark	Verdict
Low		100	1

8	MARKING		P
8.1	On main part:		Р
	a) rated connecting capacity (mm²):	See label	Р
	b) rated insulation voltage (V)	See label	Р
	c) T marking (°C) (if > 40 °C or < -5 °C):		N/A
	d) type reference:	See label	100 (A)P
1527	e) manufacturer's or responsible vendor's name, trademark or identification mark	See label	ing LP
	f) IP if > IP20	A second	N/A
	Small devices: only d) and e) indicated on device		N/A
	All marks visible on smallest package unit		Р
8.101	Type of acceptable conductor "s" "r" or "f"	See label	Р
8.102	Marking indicating the length of insulation to be removed before insertion of the conductor		N/A
8.2	Multiway terminal devices: at least two adjacent	or 49	Р
8.3 A Testing La	When symbols are used they shall be as follow: V for volts mm² or ☐ for square millimetres T for T-rating	Tin til ing Lab LCS Testing Lab	P
8.4	Marking: durable and easily legible; 15 s water; 15 s hexane		Р

9	PROTECTION AGAINST ELECTRIC SHOCK		P	
	Live parts not accessible			Р
	二. 医位			(V-44)

	CO CARROLL CO CO CARROLL	- 1745-re-	10 CH
10	CONNECTION OF CONDUCTORS	立语物	ng\P
10.1	Connecting devices allow correct connection of conductors	Les res	Р
10.101	Connection or disconnection: use a general tool or simple insertion		Р
	Disconnection operation other than a pull		Р
10.102	Terminals accept two or more conductors of same or different sectional areas; see table 101 (as specified by manufacturer		Р

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1911年	份	EC 60998-1	- 3.00°
Clause	Requirement + Test	Result - Remark	Verdict
Con			153 10

	Universal terminals shall accept rigid(solid or stranded conductors	d) and flexible unprepared	N/A
	Non-universal terminals shall accept the types of conductors declared by the manufacturer		Р
	Rated connecting capacity (mm²):	0.5	Р
一工工	Suitable for connecting cross-sectional areas (mm²)	Rigid and/or flexible conductor of 0.5 mm² (for connecting capacity: 0.5mm²);	REP Instab
10.103	Terminals accept rigid and flexible conductors (table 101), unless otherwise specified (see 8.1)	Top real	Р
	Smallest diameter (mm); largest diameter (mm):	Rigid solid conductor: 0.9, rigid Stranded conductor: 1.1, flexible conductor: 1.1(for connecting capacity: 0.5 mm²);	Р
	During the test: terminals show no damage		Р
10.104	Terminals clamp the conductor without undue damage	e:	Р
10.104.1	Connection/disconnection 5 times: smallest diameter (mm)	LCS Testing Law	N/A
	Connection/disconnection 5 times: largest diameter (mm)		Р
	After the test, terminal not damaged		Р
10.104.2	Rated cross-sectional area (mm²):	0.5	Р
	Туре:	Rigid and flexible	Р
	After the test, no wire of conductor escaped outside the terminal		Р
10.105	Secureness test:	The state of the s	Р
18 to	during the test: the conductor does not slip out, no break near clamping unit and no damage	See appended table 10.105	Р
10.106	Pull test:	•	Р
	- during the test the conductor does not come out	See appended table 10.106	Р

11	CONSTRUCTION	Р
	Contact pressure not transmitted via insulating material, unless there is sufficient resiliency	Р

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A. 311 192 19	IEC 60998-1	10 Million	
Clause	Requirement + Test	Result - Remark	Verdict
Los	The state of the s	The state of the s	
11.102	Insertion and disconnection, in accordance with manufacturer's instructions		Р
	Openings clearly distinguishable		Р
11.103	Terminals so constructed that:		Р
	- each conductor is clamped individually		Р
	- conductors can be connected or disconnected at same time or separately		Р
一立	Possible to clamp maximum number of conductors	立 诺拉那	Р
11.104	Inadequate insertion of conductor avoided	1 ST LCS 16	Р
11.2	Clamping units clamp conductors reliably and between metal surfaces		Р
11.3	Connecting devices: insulation of conductors not in contact with live parts of different polarity		Р
11.4	Insulating lining: adequate mechanical strength and secured in a reliable manner		Р
11.5	Current-carrying parts: adequate mechanical strength, electrical conductivity and resistance to corrosion; type of metal:	・ ・ ・ に は ・ に は に は に は に は に は に は に は	Р
CS Testi	Current-carrying parts not made with electroplated coating if subjected to mechanical wear	LCSTOS - US	Р
11.6	Terminals: possible to connect number of conductors manufacturer:	as specified by the	Р
	- number of conductors:		Р
	- rigid, cross-sectional area (mm²)	0.5	Р
	- flexible, cross-sectional area (mm²):		N/A

12	RESISTANCE TO AGEING, TO HUMIDITY CONDIT SOLID OBJECTS AND TO HARMFUL INGRESS O		Р
12.1	Connecting devices resistant to ageing; after the test (168 h): no cracks visible, not sticky or greasy, no damage; test temperature (°C):	⊠ 70 °C □ T + 30 °C =	Р
12.2	After humidity test (91-95%): no damage; test duration (168 h for connecting devices > IPx2, 48 h for all other)	☐ 168 h ⊠ 48 h	Р

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11.7

purpose

Fixing means of bases do not serve any other

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	IEC 60998-1		
Clause	Requirement + Test	Result - Remark	Verdict
	The real Party of the Party of	100	G Lus
12.3	IP test (IEC 60529):	IP	N/A
	After the test, electric strength test as 13.4, and by inspection	IP	N/A
	no appreciable entry of water		N/A
13	INSULATION RESISTANCE AND ELECTRIC STR	ENGTH	Р
13.1	Insulated connecting devices provided with adequate insulation resistance and electric strength		Р
13.2	Insulation between the connected conductors and the external surface is adequate for all the combinations of conductors		Р
13.3	.3 Insulation resistance measured 1 min after application of 500 V d.c. See appended table 13.3		Р
13.4	Electric strength test	See appended table 13.4	Р
14	MECHANICAL STRENGTH		Р
14.101	the test conductor, properly inserted into a clamping shall be allowed to be bent (deflected) in all 12 direct the adjacent directions by $30^{\circ} \pm 5^{\circ}$		Р
,	Deflection test (principle of test apparatus shown in f	igure 103a):	Р
	- requirement: ≤ 2,5 mV	See appended table 14.101	Р
	max measured voltage drop (mV)		P//
14.2	Tumbling barrel (for < 50 g): 50 falls; after the test no damage		
14.3	Impact test (for > 50 g): 10 blows:		N/A
	- height of fall: 7,5 cm		N/A
iker	- height of fall: 10 cm	· 消食剂	N/A
151	- height of fall: 20 cm	VST LCS Test	N/A
	- height of fall: 25 cm		N/A
	After the test, no damage and live parts shall not become accessible		N/A

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TEMPERATURE RISE

requirement: $\leq 45K$

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	IEC 60998-1		
Clause	Requirement + Test	Result - Remark	Verdic
	120	100	L. L.
	max measured temperature rise (K)	See appended table 15	Р
15.101	192 temperature cycles test, each cycle with a duration of 1 h, with the test current as defined in Table 2 of Part I		Р
	Cabinet temperature (°C)		Р
	Maximum voltage drop did not exceed 22,5 mV or 1,5 times 24 th cycle value	See appended table 15.101	Р
	· · · · · · · · · · · · · · · · · · ·	The same and	ligh.
16	RESISTANCE TO HEAT	VEL TOTOS	Р
16.1	Connecting devices are sufficiently resistant to heat		Р
16.2	Heating cabinet test	See appended table 16.2	Р
	After the test: no changes impairing further use and markings still legible		Р
16.3	Ball-pressure test (IEC 60695-10-2) for parts necessary to retain current-carrying parts and parts of the earthing circuit in position	See appended table 16.3A	Р
112	Impression diameter not exceed 2 mm	- 15h	Р
CS Testing La	Ball-pressure test (IEC 60695-10-2) for parts not necessary to retain current-carrying parts and parts of the earthing circuit in position	See appended table 16.3B	N/A
	Impression diameter not exceed 2 mm		N/A
17	CLEARANCES AND CREEPAGE DISTANCES		Р
	Creepage distances, clearances and distances through sealing compound		Р
18	RESISTANCE OF INSULATING MATERIAL TO AB	NORMAL HEAT AND FIRE	Р
	Glow-wire test (clauses 4 to 10 of IEC 60695-2-10)	See appended table 18	Р
VS1 T	No visible flames and no sustained glowing or flame and glowing extinguished within 30 s	ルデュエin Military Tight in the	Р
	No ignition of the tissue paper or scorching of the board		Р
19	RESISTANCE OF INSULATING MATERIAL TO TR	ACKING	Р
	Tracking test (IEC 60112): PTI 175 V, 50 drops, solution A	See appended table 19	Р

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Clause	Requirement + Test	Result - Remark	Verdict

10.105	TA	BLE: Clamping	securement a	ınd damage to	the con	ductor tes	st	Р
	Мс	del/type referen	ıce	:				Р
No of sam	nple	Conductor cross- sectional area (mm²)	Conductor type	Mass for conductor (kg)	Heigl	ht H (mm)	Diameter of bushing hole (mm)	
1		0.5	Rigid	0.3		260	6.5	P
2	Little	0.5	Rigid	0.3	125	260	6.5	110 P
WOUND, Make Call								
3 Suppleme	ntary	0.5 v information:	Rigid	0.3		260	6.5	P
Suppleme				0.3		260	6.5	P P
Suppleme	ТА	/ information:	est	0.3		260	6.5	
	TA	/ information:	est nce	0.3	ne l		force (N)	Р
Suppleme	TA	d information: BLE: Pull-out tended/type referent	est nce	:	pe			Р
Suppleme 10.106 No of sam	TA	pinformation: BLE: Pull-out te pdel/type referent Conductor cross area (mn	est nce	Conductor typ	De la		force (N)	P

Supplementary information:

13.3	TABLE: Insulation resistance			Р
	Model/type reference:			
	Smallest cross-sectional area (mm²) :	0.5		
Largest cross-sectional area (mm²) : (0.5	. Page 201	
116	Test voltage applied between	Measured (MΩ)	Required	(ΜΩ)
All clamp	ing units together and the body	>100ΜΩ	≥5MΩ	
Each clar	nping unit and all others together	>100MΩ	≥5MΩ	

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Clause	Requirement + Test	Result - Remark	Verdict

13.4	TABLE: Electric strength test			Р	
	Model/type reference			Р	
	Rated insulation voltage (V)	24		Р	
	Test voltage applied between	Test voltage (V)	Flashover breakdown (Yo	•	
All clamp	ing units together and the body	1250	No		
Each clai	mping unit and all others together	1250	No	部份	
ust	Rated insulation voltage (V)	24	WS/ CSTestin	Р	
	Test voltage applied between	Test voltage (V)	Flashover breakdown (Yo	-	
All clamp	ing units together and the body	2000	No		
Each clamping unit and all others together		2000		No	

14.101	TABLE: Mechanical strength	ent l	e th		Р
Liff Killing La	0,1 times the test current (A):	2.4	4 Maring Lab		
CCS 10	smallest cross-sectional area (mm²) 10.103	0.5			
	force (N) (table 104)	: 0.09			
	Distance (mm) (table 104)	100			
	-screwless terminal number	1	2	3	
	- voltage drop measured (mV) (1st deflection):	0.6	0.7	0.5	
	- voltage drop measured (mV) (2 nd deflection):	0.6	0.5	0.6	
	- voltage drop measured (mV) (3 rd deflection):	0.7	0.6	0.6	
	- voltage drop measured (mV) (4 th deflection):	0.6	0.6	0.6	
152	- voltage drop measured (mV) (5 th deflection):	0.7	0.7	0.8	
100	- voltage drop measured (mV) (6 th deflection):	0.9	0.9	0.9	
	- voltage drop measured (mV) (7 th deflection):	1.1	1.2	1.1	
	- voltage drop measured (mV) (8 th deflection):	1.0	1.1	1.1	
	- voltage drop measured (mV) (9 th deflection):	1.1	1.2	1.1	
	- voltage drop measured (mV) (10 th deflection):	1.1	1.2	1.1	
	- voltage drop measured (mV) (11th deflection):	1.2	1.3	1.2	

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IEC 60998-1							
Clause	Requirement + Test	Result - R	emark	1X	Verdict		
1.00	- Tes 100	10-					
	- voltage drop measured (mV) (12 th deflection):	1.2	1.3	1.2			
	- requirement: ≤ 2,5 mV						
Suppleme	ntary information:	•					
Choosing t	he most unfavorable state to test and record.						

15	TABLE: Temperature rise					
	Model/type reference	:			Р	
江江江	Terminal			☐ single ⊠ multiway		
1	T marking (°C)		Yes	(°C):		
	Largest cross-sectional area (ı	mm²):	0.5		_	
	Conductors		Rigid		_ 	
Rated connecting capacity (mn		n²): 0.5				
	Test current (A)	:	6			
Thermocouple Locations		max. temperature rise measured, (K)		max. temperature rise limit, (K)		
On conductor in the terminal		26.2		45	T Tille	
	ntary information: oratory ambient is 25 °C.	150	100	1		

15.101	5.101 TABLE: Temperature-cycling test				Р	
	Model/type reference					Р
Smallest cross-sectional area (mm²)			:	0.5	Р	
	Test current (Table 2) (A)	:	6		Р
	Measured voltage drop of: Measured voltage drop (mV)					
	Measured voltage drop of:			Sample 2	Sample 3	12
Solid cond	ductors	(after 24 cycles)	10.4	10.4	9.7	Р
Stranded	conductors	(after 24 cycles)	10.7	11.1	10.6	Р
Flexible c	onductors	(after 24 cycles)	10.6	11.7	9.7	Р
Solid conductors (1,5 times 24 th cycle value)		11.7	12.9	13.8	Р	
Stranded conductors (1,5 times 24 th cycle value)		13.6	14.2	16.6	Р	
Flexible conductors (1,5 times 24 th cycle value)		14.1	14.0	16.5	Р	

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IEC 60998-1 Clause Requirement + Test Result - Remark Verdict Solid conductors 14.3 16.5 Ρ (after 192 cycles) 15.1 Stranded conductors (after 192 cycles) 16.6 16.7 18.4 Ρ Flexible conductors 17.6 Ρ (after 192 cycles) 16.6 19.2 **Supplementary information:** Choosing the most unfavorable state to test and record. 16.2 Р **TABLE: Heating cabinet test** 85°C Test temperature (°C)....: T + 45 Ρ Model/type reference Sample 2 Sample 3 Sample 1 Pass Pass Pass Supplementary information: TABLE: Ball pressure test of insulating materials 16.3A **125** T + 45 =Ρ Test temperature (°C)..... Material designation / manufacturer Part under test Impression diameter (mm) **Enclosure** Р 1.1 Supplementary information: TABLE: Ball pressure test of insulating materials 16.3B N/A **70** T + 40 = N/A Test temperature (°C).....: Material designation / manufacturer Impression diameter (mm) Part under test N/A Supplementary information: 17 **TABLE: Clearances and creepage distances** Ρ 24 Rated insulation voltage (V).....: Clearance cl, creepage distance cr and Measured cl Measured cr Measured tsc Required cl, distance through sealing compound tsc (mm) cr, tsc (mm) (mm) (mm) at/of: Between clamping units ≥3.0 >3.0 ≥3.0 >3.0 Contacts-Plastic material ≥3.0 >3.0 ≥3.0 >3.0

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Supplementary information:



Shenzhen LCS Compliance Testing Laboratory Ltd.

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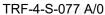
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IEC 60998-1					
Secolar.	Clause	Requirement + Test	Result - Remark	Verdict	

18	TABLE: Glow-wire test			Р	
Part under test		Material designation / manufacturer	Test temperature (°C)	Time of extinguish of flames and glowing, if any	
Enclosure		1	750	No flame	
Supplementary information:					

19	TABLE: Trac	king Till to the lab		Р
Pa	art under test	Material designation / manufacturer	Test voltage (V)	Remarks
Enclosur	re	1	175	Pass
Supplementary information:				

APPENDED TABLE						
Critical components						
Object / part no.	Manufacturer / trademark	Type / model	Technical data	Standard	Mark(s) of Conformity	
Enclosure	Shenzhen Onlumi Technology Limited	WHM65- 12XB-6	V-0	EN 60998-1	Tested in appliance	
contact	Shenzhen Onlumi Technology Limited		>58%	EN 60998-1	Tested in appliance	





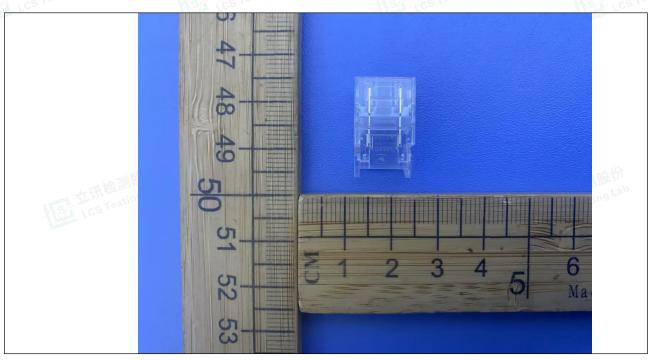


Attachment No. 1: photo documentation

Details of: External view



Details of: External view



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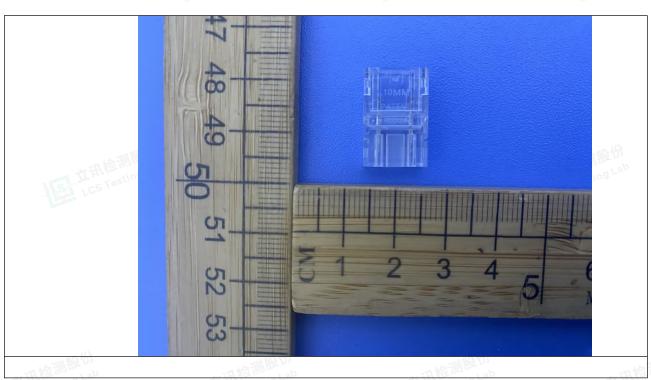






Attachment No. 1: photo documentation

Details of: External view



Details of: External view



--- END OF REPORT ---

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