

# **TEST REPORT**

On Behalf of

Prepared For :	ZHEJIANG JINGHONG ELECTRIC CO., LTD
	No.221.Wei shijiu road,Yueqing economic&development zone,Zhejiang,China
Trade Mark :	
Product Name :	WIRE CONNECTOR
Model(s):	CMK633, CMK632, CMK634, CMK635
Prepared By:	Shenzhen ZTS Testing Service Co., Ltd.  808, Building 1, 7th Industrial Zone, Yulv Community, Yutan Sizetz Grant District, Shenzhen, Guangdong, China  Tel: 400-8788-298  Tel:0755-23245950  Web: www.zts-test.com  Email: zts@zts-test.com
Test Date:	May 24, 2022- May 30, 2022
Date of Report:	May 30, 2022
Report No. :	ZTS22052408DRS

**Note:** This test report is limited to the above client company and the product model only. It may not be duplicated without prior written consent of Shenzhen ZTS Testing Service Co., Ltd.



#### **TEST REPORT**

EN 60998-2-2:2004

Connecting devices for low-voltage circuits for household and similar purposes -- Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units

EN 60998-1:2004

Connecting devices for low-voltage circuits for household and similar purposes -- Part 1: General requirements

Reference No. ..... ZTS22052408DRS

Contents ...... 14 pages

Date of issue...... May 30, 2022

**Testing laboratory** 

Name ...... Shenzhen ZTS Testing Service Co., Ltd.

Guangming District, Shenzhen, Guangdong, China

Testing location ...... Same as above

Client

Name...... ZHEJIANG JINGHONG ELECTRIC CO., LTD

Address...... No.221.Wei shijiu road, Yueqing economic&development zone,

Zhejiang, China

Test specification

Standard ...... EN 60998-2-2:2004 used in conjunction with EN 60998-1:2004

Test procedure ...... N.A.

Non-standard test method ...... N.A.

Test item

Description ...... WIRE CONNECTOR

Trademark ...... N/A

Model and/or type reference..... CMK633

Manufacturer ...... ZHEJIANG JINGHONG ELECTRIC CO., LTD

Zhejiang, China

Rating(s) ...... AC 450V, 50/60Hz, 32A



Testing procedure and testing location				
Laboratory name	: Shenzhen ZTS Testi	ng Service Co., Ltd.	The Leading Siz Leading Is Leading Siz Leading Siz Leading Siz Leading Siz	
Testing location/address:		ndustrial Zone, Yulv Con Shenzhen, Guangdong,		
Testing procedure	: TL ⊠ RMT □ :	SMT WMT TMF	teat the Les Les Thy Les Leaf the List Le See The List Les The List Les Les The List Les	
Prepared by (Engineer)	: Miaolei Cheng	miastei theng		
Review By (Test Engineer)	: Mark Yan	Mark Yan	s Testing Service	
Reviewer by (Quality Manager)	: Tony mo	ong Mo	* Approved *	
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			stine 1715 testine	
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			e ting Mg Leating Mg Leating Mg Leating Ting Mg Leating Mg Leating Mg Leating Ting Mg Leating Mg Leating Mg Leating W Mg Leating Mg Leating Mg Leating	
			2 402 144 142 142 144 145 145 145 145 145 145 145 145 145	
			The leading 12 leading 12 leading 12	



POSSIBLE TEST CASE VERDICTS:	The Leg ling My Leg ling
- test case does not apply to the test object	
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement	F (Fail)
TESTING: (25 1,100 175 125 1,000 175 125 1,000 175 125 1,100 175 125 1,100 175 125 1,100 175 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 1,000 175 125 125 125 125 125 125 125 125 125 12	2 (42) 118 115 (42) 118 115 (42) 118 115 (42) 118 115 (42) 118 115 (42) 118 115 (42) 118 115 (42)
Date of receipt of test item	May 23, 202
Date (s) of performance of tests	May 24, 2022- May 30, 2022
General product information:  GENERAL REMARKS:	NG Lesting
GENERAL REMARKS: The test results presented in this report relate	
GENERAL REMARKS:  The test results presented in this report related this report shall not be reproduced, except in laboratory.  "(see Enclosure #)" refers to additional inform "(see appended table)" refers to a table appended.	n full, without the written approval of the Issuing testin mation appended to the report. nded to the report.
GENERAL REMARKS:  The test results presented in this report related this report shall not be reproduced, except in laboratory.  "(see Enclosure #)" refers to additional information.	n full, without the written approval of the Issuing testing mation appended to the report. Inded to the report.
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### Label

# WIRE CONNECTOR

Model: CMK633

Rating: AC 450V, 50/60Hz, 32A



ZHEJIANG JINGHONG ELECTRIC CO., LTD

Made in China

## Remark:

The above markings are the minimum requirements required by the safety standard. For the final production samples, the additional markings which do not give rise to misunderstanding may be added.



114 1/2 162	EN 60998-2-2	Step lug With Leading With Leading With	Legitur I.B
Clause	Requirement	Remark	Resul
8 7 7 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MARKING	The Me Leading Me Lead	P. 1
8.1	On main part	ESTIME TO LESSING TO LESSING THE LESSING	P
ting 175 Tes	a)rated connecting capacity(mm²)	0.5-2.5(4)mm <sup>2</sup>	10 st 10% P
162 ing 172 1	b)rated insulation voltage(V)	450V	P
S Testing IT	c)T marking(°C)(if>40°C or <-5°C)	50°C	15 TEST 108
The Teaching	d)Type reference	See page 1.	P
ting 122 test	e)Manufacturer's or responsible verdor's name, trademark or identification mark	ZHEJIANG JINGHONG ELECTRIC CO., LTD.	Testine 17
2 Legitur 12	f)IP if>20	IPX0	N/A
Les teins	Type of acceptable conductor "r" or "f"	108 175 Testing 175 Testing 175 Testing	N/A
115 TESLIN	Small devices: only d) and e) indicated on device	esting Its testing Its testing Its tes	N/A
1118 175 TOS	All marks visible on smallest package unit	Lesy the Siz Lesy time Siz Lesy time Siz	N/A
8.2	Multiway terminal devices: at least two adjacent	The resting the resting the resting the	N/A
8.4	Marking:durable and easily legible; 15s water; 15s hexane	The Tip Lead that Tip Lead the Tip Late of the	The Test in
Lesting I. Lesting I. Lestin	Non-universal terminal classified according to 7.101.2 shall be marked as follows: -with the letter(s) "s" or "sol" for terminals declared for solid conductors; -with the letter "r" for terminals declared for rigid	The state of the s	as III Lesting III
8.101	conducors; -with the letter "f" for terminals declared for flexible conductors.	Lest 118 12 Lest 1	N/A
	This marking shall appear where it is practical on the end product or on the smallest package unit or in technical information and/or catalogues.	ing 12 tearing 12 teaching 12 teach ing 15 tearing 12 teaching 12 teaching 12 teaching 12 teaching 12 teaching 12 teaching 12 teaching 12 teaching 1 12 teaching 12 teaching 12 teaching 1 12 teaching 12 teaching 12 teaching 12	10 12 1881 11 12 1881 11 12 1881 11 18 18 18 18 18 18 18 18 18 18 1
8.102	An appropriate marking indicating the length of insulation to be removed before insertion of the conductor into the terminal shall be shown on the product or on the smallest package unit or in technical information and/or catalogues.	Not need remove insulation	N/A
9 115 185111	PROTECTION AGAINST ELECTRIC SHOCK	Expluse The Learning Line Land	100 115 Tes
21 tue 172 les	Live parts not accessible	2 Leging 1/12 Leging 1/2 Leging 1	N/A
10	CONNECTION OF CONDUCTORS	12 Les 100 St. Les	To Testing 1
10.1	Connecting devices allow correct connection of	THE TEST TOST THE TEST THE TEST TO THE TEST	10 12 Leze
10.110.1	conductors	Carlon Lip Leading The Leading Tip Leading Tip Lea	<b>P</b>
10.101 10.101	Connection or disconnection: use a general tool or simple insertion	The Local Line Size Local Line	Test Ins
Lesting S	Disconnection operation other than a pull	Up 12 lesting 12 lesting 12 lesting	17 70 100 P.
10.102	Terminals accept two or more conductors of same or different nominal cross-sectional areas;see table 101(as specified by manufacturer):	S. Leg (108 1); Le	to sting 12 to sting 12
Leating 1/2	Rated connecting capacity(mm²)	The Leading Lie Leading The Leading	15 1854 P



	EN 60998-2-2		
Clause	Requirement	Remark	Result
The Legitus To	Suitable for connecting cross-sectional areas(mm²)	0.5-2.5(4)	12 Les 1108 12 Les 108
10.103	Terminals accept rigid and flexible conductors (table101),unless otherwise specifiled(see 8.1)	2 Leading 12 Leading 1	22 144 142 162 144 145 16 2144 142 162 144 145 162 144 142 162 144 145 162
18 2 1 18 12 18 18 18 18 18 18 18 18 18 18 18 18 18	Smallest diameter (mm);largest diameter(mm)	12 Lest ing 12 Lest ing 12 Lest ing 12	1821 108 175 125 108 175
S Legiting Til	During the test: terminals show no damage	A Les les la Les la Les la Lange	175 Testing 175 Tes Ping 1
10.104	Terminals clamp the conductor without undue damage:	esting N2 testing N2 test esting N2 testing N2 testi the N2 testing N2 testing	# 175
10.104.1	Connection/disconnection 5 times:smallest diameter(mm)	12 Lest 108 112 Le	testing 12
Lesting Ne	Connection/disconnection 5 times:largest diameter(mm)	r lug lip Les lug lip Lestiug Lig Les lug lip Lestiug Le lig Lestiug lip Lestiug l	Liz Leging Iz Leging In Le
US 12 Legitus	After the test,terminal not damaged	Certing ALS Leading ALS Lead	100 1/2 Leep 100 1/2 Deep
10.104.2	Rated cross-sectional areas(mm²)	Learing Its Learing Its Le	esting 175 te cing Port
Testine The Te	Type	The Leading States The State State States	Leading Lie Leading The
112 Losting 12 12 Losting 12 2 Losting 12	After the test, no wire of condutors escaped outside the terminal	e ing 112 teating 12 t	us lesting lip lesting
10.105	Smallest cross-sectional area (mm²); height H(mm);mass(kg)	Legius N. Legius N. Legius N. L. Legius N. Legius N. Legius N. Leg Legius N. Legius N. Leg	Cestim Alexanter to the less the less to the less than the
Le Legine 12 2 Legine 12 Legine 122	largest cross-sectional area (mm²); height H(mm);mass(kg)	MA LE LEGIUM TO LEGIUM VIZ TE LEGIUM TE LEGIUM VIZ TE LEGIUM TE LEGIUM VIZ	The resident to resident to the No.
	During the test: the condutor does not slip out, No break near clamping unit and no damage	Seet 11 M 12 Les 11 M 12 Les Cest 11 M 12 Les 14 M 12 Les 1 Cest 11 M 12 Les 11 M 12	111 12 162 111 1 B 162 111 1 B 162 111 11 B 162 11
10.106	Pull test	12 Legging 142 Legging 142 L	Legiting Light Legiting Big
1621 TUB 112	-min.cross-sectional area (mm²);pull(N)	20N	5 7es 108 175 7es P. 1
Le Legitur IL	-max. Cross-sectional area (mm²);pull(N)	20N	12 182 148 12 18 148
The Legent	During the test the conductor does come out	STILL TO LESTING TO LEST	THE 1/5 YEST THE 1/5 POST

11	CONSTRUCTION	time Its testing Its testing Its
11.101	Contact pressure not transmitted via insulating material,unless there is suffcient resiliency	2 Lesting 1/2 Lest
11.102	Insertion and disconnection,in accordance with manufacturer's instructions	N/A
Testing TIS	Openings clearly distinguishable	N/A
11.103	Terminals so constructed that:	Legitur Siz Legitur Siz Legitur
The Legit	-each conductor is clamped individually	To Test ins 175 Test is 175 Pest
esting 175 Tes	-condutors can be connected or disconnected at same time or separately	14
Legine IL	Possible to clamp maximum number of conductors	Sering 1/2 Lesting 1/2 Les Lung 1
11.104	Inadequate insertion of conductor avoided	Learing Its Learing Its Britis
11.2	Clamping units clamp conductors reliably and between metal surfaces	12 Lesting 12 Les 14 15 Les
11.3	Connecting devices:insulation of conductors not in	11 12 12 12 12 12 12 12 12 12 12 12 12 1



	The first the fi			
Clause	Requirement	Remark	Result	
175 Test 118	contact with live parts of different polarity	IN TO LESTING TO LESTING	12 Lez lug 12 Lez lug	
11.4	Insulating lining: adequate mechanical strength and secured in a reliable manner	Seating Liz Learing Liz Lear Learing Liz Learing Liz Lear Laring Liz Learing Liz Lear	N/A	
11.5	Current-carrying parts:adequate mechanical strength,electrical conductivity and resistance to corrosion; type of metal	IN TO LESTING THE LESTING TO THE STATE OF TH	1. 12 Leg 1 108 12 Leg 1 108 1. 12 Leg 1 118 12 Leg 1 108 12 2 Leg 1 108 12 Leg 1 108 12 Leg 1 108 12 Leg 1 108 12 Leg 1 108 12	
We The Leaving	Current-carrying parts not made with electroplated coating if subjected to mechanical wear	sering The Learning The Learnin	11 12 162 11 12 162 11 12 162 11 11 12 162 11 11 11 11 11 11 11 11 11 11 11 11 11	
11.6	Terminals: possible to connect number of conductors as specified by the manufacturer	To rest in 12 rest in	test time The section The Less time The Less	
Le Lesting 17	-Number of conductors	11 12 Lest 14 12 Lest 148	175 100 1 15 10 PM	
The Learning	-rigid, cross-sectional area(mm²)	Ling Nie Leaving Nie Leavin	The Testing The Petin	
115 Test	-flexible, cross-sectional area(mm²)	LESTING TO LESTING TO LES	Ting Its teel in I P tee	
11.7	Fixing means of bases do not serve any other purpose	18 12 42 108 12 42 118 12 12 118 112 12 118 112 118 112 118 112 118 112 118 112 118 112 118 112 118 112 118 11	N/A	

12	RESISTANCE TO AGEING, TO HUMIDITY CONDITIONS, TO INGRESS OF SOLID OBJECTS AND TO HARMFUL INGRESS OF WATER		17 12 16 2 16 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
12.1	Connecting devices resistant to ageing; after the test(168h);no cracks visible,not sticky or greasy,no damage;test temperature(°C)	70℃	Lesting List
12.2	After humidity test (91-95%):no damage; test duration(168h for connecting devices>IPX2,48h for all other)	95%RH,30℃	The Period
12.3	IP test (IEC 60529)	Lesting The Lesting My Lesting The Lesting	N/A
te testing l	After the test, electric strength test as 13.4 and by inspection	IPX0	N/A
4 1/2 Lee	No appreciable entry of water	IPX0	N/A

13	INSULATION RESISTANCE AND ELECTRIC STRENGTH		We 122 & Stille 122
13.3	CImping unit connected with:smallest cross- sectional area(mm²);largest cross-sectional area(mm²)	Smallest:0.5mm <sup>2</sup> Largest :0.5mm <sup>2</sup>	Constitution of the second
THE THE LES	Insulation resistance (500Vd.c.for 1 min)	Lear Ling Size Lear Ling Size Lear Ling	112 Les 100 12 Les
	1)between all clamping units connected together and the body>5M $\Omega$	>5ΜΩ	Р
175 Test ins 175 Test ins 175 Test ins	2)between all clamping units and all others connected to the body>5M $\Omega$	>5ΜΩ	P
21 118 175 TE	3)between metal foil and the body >5MΩ	Learling Lip Learling Lip Learling Lip Learling	N/A
Learing N.2	3a)if necessary,between live parts and metal covers and enclosure>5M $\Omega$	May be set in the set of the set	N/A
12 Lestin	3b)if necessary, between live parts and surface on which the base is mounted >5M $\Omega$	esting Mis Lesting	N/A
13.4	Electric strength(a.c.for 1 min):no flash over or breakdown	Le Lezium II. Lezium II. Lez Lezium II. Lezium II. Lezium Lezium II. Lezium II. Lezium	eting S.L. Leaching S.L. eting S.L. Leaching S.L. The S.L. Lea <del>ching S.L. L.</del> The S.L. Lea <del>ching S.L. L.</del>



EN 60998-2-2			
Clause	Requirement	Remark	Result
Lie Legille	1)test voltage(V)	1250	The rest in the re
UR TIZ LEZI	2)test voltage(V)	1250	THE TIP LEED IN TIPLES
ering Ile Le	3)test voltage(V)	Lest ting 1.12 Lest t	N/A
Leging ILE	3a)test voltage(V)	12 Lear Tun Tip	N/A
The Learning	3b)test voltage(V)	# 12 Legitum 12 Legitum 12 Legitum 12 Legitum 12 Legitum 12 Legitum	115 Test 1116 Tes N/A

14	MECHANICAL STRENGTH	The rest int The Terring The
14.101	The test conductor, properly inserted into a clamping unit of the connection devices shall be allowed to be bent(deflected) in all 12 directions each of them differing from the adjacent directions by 30°±5°	N/A
esting 112 test	Deflection test(principle of test apparaus shown in figure 103a)	N/A
Lesting LL	A 10 <sup>th</sup> of the test current (A)	N/A
12 1021 148	Smallest cross-sectional area(mm²)10.103	N/A
148 112 1821 48 112 1821	Force(N)( table 104)	N/A
Selling ILP L	Distance (mm)(table104)	N/A
Lear the L	-screwless terminal number	N/A
112 Lest 148	-voltage drop measured (mV)(1 <sup>st</sup> deflection)	N/A
118 175 TEST	-voltage drop measured (mV)(2 <sup>nd</sup> deflection)	N/A
erius 122 L	-voltage drop measured (mV)(3 <sup>rd</sup> deflection)	N/A
Lesting 12	-voltage drop measured (mV)(4 <sup>th</sup> deflection)	N/A
The resting	-voltage drop measured (mV)(5 <sup>th</sup> deflection)	N/A
16 12 16 et	-voltage drop measured (mV)(6 <sup>th</sup> deflection)	N/A
STING ITS TO	-voltage drop measured (mV)(7 <sup>th</sup> deflection)	N/A
est 118 175 Test  18 175 Test 118 175  18 175 Test	-voltage drop measured (mV)(8 <sup>th</sup> deflection)	N/A
	-voltage drop measured (mV)(9 <sup>th</sup> deflection)	N/A
	-voltage drop measured (mV)(10 <sup>th</sup> deflection)	N/A
	-voltage drop measured (mV)(11 <sup>th</sup> deflection)	N/A
LESTINE TI	-voltage drop measured (mV)(12 <sup>th</sup> deflection)	N/A
142 Leg Till	Requirement:≤2.5mV	N/A
108 115 Test	A 10th of the test current(A)	N/A
1 in 12 15	Largest cross-sectional area (mm²)10.103	N/A
Learling Vie	Force(N)(table 104)	N/A
Testing	Distance (mm)(table104)	N/A
IS TOST	-Screwless terminal number	N/A
Tine 175 765	-voltage drop measured (mV)(1st deflection)	N/A
	-voltage drop measured (mV)(2nd deflection)	N/A



1/4 1/2 162	EN 60998-2-2	2 16 25 148 142 16 25 148 172 162	21 118 12 18 18 118 115
Clause	Requirement	Remark	Result
12 Legg 148	-voltage drop measured (mV)(3rd deflection)	THE TIP LES THE THE LES THE TESTING TO	N/A
1 12 152 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-voltage drop measured (mV)(4th deflection)	Cartus II Learling II Learling	N/A
THE TIS TES	-voltage drop measured (mV)(5th_deflection)	Leging 1/2 Leging 1/2 Leg	N/A
Legitus Tie	-voltage drop measured (mV)(6th deflection)	The Leading The Leading The	N/A
Teering IT	-voltage drop measured (mV)(7th deflection)	IN ITS LESTING TO LESTING IN	N/A
The Learning	-voltage drop measured (mV)(8th deflection)	Sering 12 Learning 12 Learing	N/A
108 175 TEST	-voltage drop measured (mV)(9th deflection)	Leseling IL Leseling IL Lese	N/A
E-110 12 12 15	-voltage drop measured (mV)(10th deflection)	12 Les 1108 12 Les 1108 12 Le	N/A
182 118 12	-voltage drop measured (mV)(11th deflection)	A TRESTING TO LESTING TO	N/A
12 162 106 106 100 100 100 100 100 100 100 100	-voltage drop measured (mV)(12th deflection)	e ing 12 Leaching 12 Leaching	N/A
175 Testin	Requirement:≤2.5mV	Legin N. Legin N. Legin Co. Legin	N/A
14.2	Tumbling barrel (for<50g);50 falls; after the test no damage	No damage	Lesting Liz Lesting Dis
14.3	Impact test (for >50g):10 blows:	UR ALS LESSIUR ALS LOSI TUR AL	N/A
The Leading	-height of hall: 7.5cm	ering The Leaving The Leaving	N/A
THE TIP LEST	-height of hall: 10cm	Leging In Leging In Legi	N/A
scine 1/2 /s	-height of hall: 20cm	Le Lesting The Lesting The Le	N/A
Lesting IL	-height of hall: 25cm	12 Learing 12 Learing 12	N/A
12 182 182 108 12 182 108 12 182 108 12 182 108	After the test,no damage and live parts shall not become accessible	sering 12 Learing 12 L	
15	Temperature rise	To learly Sto leading The lo	esting 12 tering 12 ering 12 tering 12 tog 12 tering 12 ter
Lesting The	terminal	B Liz Lezting Liz Lezting Tiz	Lesting Lest ha
15 105 TIME I	T marking (℃)	108 175 Testing 175 Testing 1	N/A
IL Legin	Largest cross-sectional area(mm²)	2.5	WE THE TOWN OF THE PER
108 175 Tes	Conductors	Les Tug IL Les tug IL Les	STIME THE TESTING PE
resting the	Rated connecting capacity(mm²)	0.5-2.5(4)	Lest Ing 1/2 Lest Bir
Testing I	Rated current(A)	32A	12 Legitur 1 Lebin
The Learing	Temperature rise does not exceed 45K (1)	18.2k	The results The Rest
12 12 15 15 15 15 15 15 15 15 15 15 15 15 15	Temperature rise does not exceed 45K(2)	Legitur Tiz Legitur Tiz Legi	N/A
21 1118 175 TE	Temperature rise does not exceed 45K(3)	TO TOSTING ITS TOSTING ITS TO	N/A
15.101	Universal,rigid conductors 6 samples	De Les Ting Les Ting Light	Lesting It Les Bug
The Learning	Universal flexible conductors 6 samples	LINE TIS LESSING TO LESSING	The Transition The Barry
15 Test	Non-universal,rigid solid conductors 6 samples	Learing ILE Learing ILE Lear	N/A
21 108 125 15	Non-universal,rigid stranded conductors 6 samples	12 testing	N/A
182 TUR 112	Non-universal,flexible conductors 6 samples	The Leading Lie Leading Lie	N/A
Le Learing L	Temperature(°C)	TUB TIZ LEZITUR TIZ LEZITUR T	N/A
ETTS TESTING	Smallest cross-sectional area(mm²)	0.5	TO TEST OF THE PES
11/2 15 Test	THE TENTH OF THE		W 15 75 W 15 V
ins 15 705	Current (A)	32	STIME TO THE STIME PIE



EN 60998-2-2				
Clause	Requirement	Remark	Resul	
12 Leg 1 148	-requirement: 22.5 mV or 1.5 times 24 <sup>th</sup> cycle value	0.60mV	P	
12 1827	-solid conductions	1:0.64mV 2:0.62mV 3:0.61mV	ing 1 P to	
1 ing 175 765	-stranded conductors	S Leet time The Leet time The Leet time The Le	51 108 175	
1657 JUS 175	-flexible conductors	1: -mV 2:-mV 3:-mV	Leging 1.	
E Learling II	Largest cross-sectional area(mm²)	0.5	15 TP. 11	
The Legitus	Current(A)	32	P	
108 175 TES	Voltage drop after 192 cycles	Legitur 12 Legitur 12 Legitur 12 Legitur	CINE 175	
LERITUR TIE	-requirement:22.5 mV or 1.5 times 24 <sup>th</sup> cycle value	0.62mV	Lear II B 1	
5 Test 108 17	-solid conductions	1:0.64mV 2:0.62mV 3:0.61mV	15 TE P. 15	
The Least ins	-stranded conductors	2 12 12 12 12 12 12 13 12 12 12 13 12 12 12 13 14 15 12 12 14 14 15 12 12 12 14 14 14 15 12 12 12 14 14 14 14 14 14 14 14 14 14 14 14 14	15 Test	
W 115 Test	-flexible conductors	1:-mV	ing 125	
	es in the testing his testing the testing the testing the testing the testing	2:-mV	Sering 112	
Lesting LL	2 Set 100 12 Lest	3:-mV	Legitus Legitus	
112 Les (WE)		1/4 1/2 15 15 14 1/2 15 15 14 1/2 15 15 1/4 1/2 15 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	The Test	
16 5 70 5 70 5	RESISTANCE TO HEAT	2 6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1111 12 11 11 11 11 11 11 11 11 11 11 11	
16.2	Heating cabinet:no damage,after the test marking still legible;test temperature(℃)	85°C 1111 112 122 1111 112 122 1111 112 12	P	
16.3	Ball-pressure test (125℃)for parts necessary to retain current-carrying parts in position	Plastic enclosure	P	
	Ball-pressure test for parts not necessary to retain current-carrying parts in position ;test temperature ( $^{\circ}$ )	125℃	ns P	
Legine 12	Diameter of impression not exceeding 2mm	1.3mm	12 10 P. 12	
17 15 16 1 16 1 16 1 16 1 16 1 16 1 16 1	CREEPAGE DISTANCES,CLEARANCES AND DIS	TANCES THROUGH SEALING	175 705 175 705 175 705	
	Creepage distances(mm) and clearances(mm) between live parts of different polarity	10 Lest 100 112 Lest 100 112 Lest 100 122 Le	N/A	
Testing T	Idem,requirement(mm)	118 12 62 118 12 62 118 12 12 12 118 12 12 12 118 119 119 119 119 119 119 119 119 119	N/A	
11	Creepage distances(mm) and clearances(mm) between live parts and metal covers enclousures	Leating 112 Leating 122 Leatin	N/A	
	Idem,requirement(mm)	Le Lear time 1/2 Lear time 1/2 Lear time 1/2	N/A	
	Creepage distances(mm) and clearances(mm) between live parts and surface on which the base is mounted	The No teaching No teaching No teaching to teach the No teaching N	N/A	
	Idem,requirement(mm)	Lesting 12 Lesting 12 Lesting 12 Les	N/A	
18 ching 1/2 feet the seet the	RESISTANCE OF INSULATING MATERIAL TO AB	NORMAL HEAT AND FIRE	Lear Line L	
	Glow-wire test (850°C) for parts necessary to retain current-carrying parts in position	ting the teating t	Р	
	Glow-wire test (650°C) for parts necessary to retain current-carrying parts in position	Leaf 100 AZ Leaf 100 AZ Leaf 100 AZ Leaf 100 AZ Leaf 100 AZ Leaf 100 AZ Leaf 100 AZ Leaf 100 AZ Leaf 100 AZ Lea	Р	



EN 60998-2-2					
Clause	Requirement	Remark	Result		
or his lesting	No visible flames and no sustained glowing,or if flame and glowing,extinguish within 30s	the his test the his test test the his test the his his testing test the his testing his testing testing his testing his testing			
ting 175 Test	No ignition of the tissue paper or scorching of the board	1 12 (62, 148, 12 (62, 148, 12)  1 1	62, 100 122 162 100 122 162 100 122 162 100 122 162 100 122 162 100 122 162 100 122 162 100 122 100 122 100 12		
19	RESISTANCE OF INSULATING MATERIAL TO TRACKIN		12 Leading 12 Leading 12		
	50 drops,175V,solution A(IEC112):no flash over	Legy THE SIZE LEGY THE SIZE LEGY THE	The Lear ing The Learing		



## **ATTACHMENTS: REAL PHOTOS**

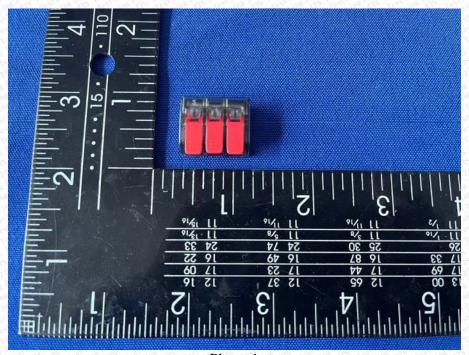


Photo 1

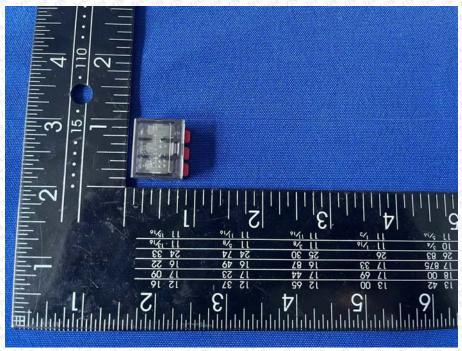


Photo 2



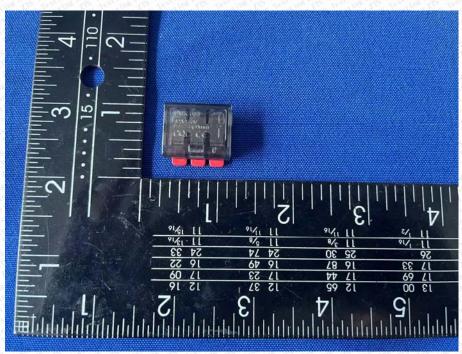


Photo 3

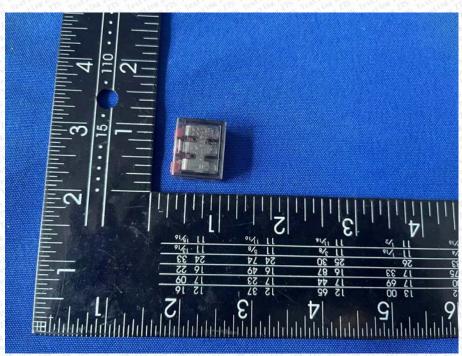


Photo 4



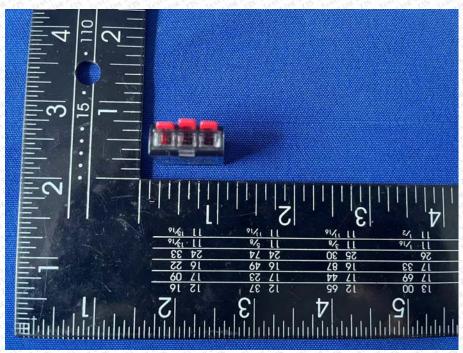


Photo 5

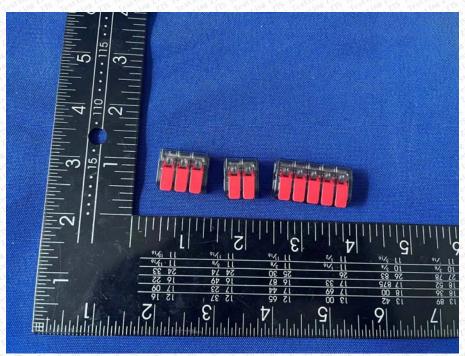


Photo 6

\*\*\*End of the report\*\*\*