Intertek Testing Services Shanghai,
Building No.86, 1198 Qinzhou Road (North),
Caohejing Development Zone,
Shanghai 200233, China
Tel:86 21 6127 8200 Fax:86 21 6495 6263

Test Verification of Conformity

On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out.
The manufacturer may indicate compliance to only the said directives by signing a DoC himself and may affix the CE marking to products identical to the tested sample(s) if the product complies with all CE marking directives that has the product in their scope. In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standards as they may occur. Additional requirements, additional directives and local laws may be applicable.

Applicant Name & Address	:	
Manufacturing Site Name & Address	:	Same as applicant
Product(s) Tested	:	Mechanical plug-in time switch
Ratings and principal characteristics	:	240V~, 13A (Max. 3120W), 50Hz, Class I, IP20, 5000cycles (M,A), 1B.S, pollution degree 2, category D, PTI 175, micro-disconnection. with BS1363-3 socket/plug portion,
Model(s)	:	BNH-50/E39A, BNH-50/E39B, BNH-50/E39C, BNH-50/E39D, BND-50/E39, BHW-50/E39
Brand name	:	BAINIAN
Relevant Standard(s) / Specification(s) / Directive(s)	:	The Low Voltage Directive 2006/95/EC
Verification Issuing Office Name & Address	:	Intertek Testing Services Shanghai Building No.86, 1198 Qinzhou Road (North), Shanghai 200233, China
Verification Number	:	SH12070514-V1
Report Number(s)	:	SH12070514-001/002

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.
NOTE 2: This verification supersedes previous verification with Verification number(s) SH080091043-V1 dated November 24, 2008.

Oliver Wei
Manager
July 30, 2012

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road,
Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487

Valued Quality. Delivered.

Test Verification of Conformity

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out.

Applicant Name & Address	:
Product(s) Tested	: **(A) 2 Gang 13A Non-Rewireable Extension Socket** **(B) 2 Gang 13A Non-Rewireable Extension Socket with Neon** **(C) 4 Gang 13A Non-Rewireable Extension Socket** **(D) 4 Gang 13A Non-Rewireable Extension Socket with Neon** **(E) 6 Gang 13A Non-Rewireable Extension Socket** **(F) 6 Gang 13A Non-Rewireable Extension Socket with Neon**
Ratings and principal characteristics	: **13A 250V~**
Model(s)	: **(A) 2118 (B) 2118N** **(C) 9988 (D) 9988N** **(E) 2068 (F) 2068N**
Brand Name	: PMS
Relevant Standard(s)/ Specification(s)	: **BS 1363-2:1995 + A4** **13A switched and unswitched socket-outlets**
Verification Issuing Office Name & Address	: **Intertek Testing Services Hong Kong Ltd.** **2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong**
Verification/Report Number(s)	: **15070437HKG-001**

NOTE : This verification is part of the full test report(s) and should be read in conjunction with them.

Digitally signed by
Wong Woo Ping
Location: Intertek
Testing Services
Hong Kong Ltd.

Signature

Name: Wong Woo Ping
Position: Manager
Date: 13 Jul 2015

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (HOKLAS 005 – TEST) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Applicant:

Number: 15070437HKG-001

Date: 13 Jul 2015

Sample Description		
Product	:	(A) 2 Gang 13A Non-Rewireable Extension Socket (B) 2 Gang 13A Non-Rewireable Extension Socket with Neon (C) 4 Gang 13A Non-Rewireable Extension Socket (D) 4 Gang 13A Non-Rewireable Extension Socket with Neon (E) 6 Gang 13A Non-Rewireable Extension Socket (F) 6 Gang 13A Non-Rewireable Extension Socket with Neon
Brand Name	:	PMS
Model No.	:	(A) 2118 (B) 2118N (C) 9988 (D) 9988N (E) 2068 (F) 2068N
Electrical Rating	:	13A 250V~
No. of Samples	:	48
Date Received	:	22 Feb 2013 to 03 May 2013
Date Test Conducted	:	23 Feb 2013 to 22 May 2013
Test Requested	:	Test for compliance with BS 1363-2:1995
Test Method	:	BS 1363-2:1995 + A4
Test Result	:	See the attached sheets

********** End of Page **********

Prepared and checked by:

Wong Woo Ping
Manager

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (HOKLAS 005 – TEST) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Number: 15070437HKG-001

Conclusion	:	The submitted samples **Complied** with the above safety standards/ requirement. But the note should be noted.
Note	:	1. When determining the test conclusion, measurement uncertainty of test has been considered. 2. The test for compliance with A4 was not in our HOKLAS scope.
Remark	:	This report is derived from report no. 13020584HKG-001 dated 27 May 2013. Samples of model in this report have the same basic construction as model 2068N. The differences are number of gangs and with/without neon. Except clause 8, 15 and 20 are repeated, all other test results were referred to model 2068N.

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (HOKLAS 005 – TEST) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Test Results: Number: 15070437HKG-001

BS 1363-2:1995

The submitted samples were classified in accordance with clause 6 as multiple unswitched unfused portable non-rewireable socket-outlet. In accordance with clause 5.2, all inspection and tests were carried out as specified in clauses listed in Table 1 (Test Schedule) on the number of samples and in the order given.

The title of clauses was indicated in appendix III for reference.

1. Inspection, Measurement, Gauging and Manipulation

Sample No.	Test (Clause Reference)	Result
A1, A2, A3	5, 6, 7, 9.1, 11.1, 9.2, 9.4, 10.1, 13.1, 13.2, 13.3, 13.9, 13.10, 13.12, 13.14, 13.15*, 13.16*, 13.17*, 13.18, 13.20, 19.2*, 19.3*, 19.4, 19.6*, 21, 8 (except Annex D)	Complied

2. General

Sample No.	Test (Clause Reference)	Result
B1, B2, B3	5, 9.3*, 21.3 (10.2 and 10.3 only), 19.1, 14.2, 13.13* (9.1.1 only), 13.4.1a, 13.4.1b, 13.5, 13.6	Complied
C1, C2, C3	5, 13.13* (20.1.2* only) 17, 13.11 (13.11.1 only), 16, 19.5, 21.3	Complied
D1, D2, D3	5, 14.1, 15, 18.1.2 (9.1, 16, 13.19, 15, 13.4.1a, 10.2, 13.6, 13.7, 13.8)	Complied
E1, E2, E3	5, 14.2, 18.1.3*, 20	Complied

Note : The clause with an "*" was not applicable.

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (HOKLAS 005 – TEST) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Test Results: Number: 15070437HKG-001

BS 1363-2 :1995

3. Material

Sample No.	Test (Clause Reference)	Result
F1, F2, F3	5, 22	Complied
G1, G2, G3	5, 23.2, 8.2 (Annex D only)	Complied
H1, H2, H3	5, 24, 21.3	Complied

4. Positive break

Sample No.	Test (Clause Reference)	Result
I1, I2, I3	5, 13.11.2	Not Applicable.

Note : The clause with an "*" was not applicable.

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (HOKLAS 005 – TEST) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Appendix I: Number: 15070437HKG-001

The following information was moulded on the sample:

13A 250V~ BS1363/A
Total Load must not
exceed 13A

2118 (for model 2118)
9988 (for model 9988)
2068 (for model 2068)
2118N (for model 2118N)
9988N (for model 9988N)
2068N (for model 2068N)

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (HOKLAS 005 – TEST) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Appendix II: Number: 15070437HKG-001

TABLE: CRITICAL COMPONENTS LIST					
Object/Part No.	Manufacturer/ Trademark	Type/Model	Technical data	Standard	Mark(s) of conformity
Cable	Supeready	A05VV-F 3G1.25mm^2	300/500V	BSEN50525	HK12051298-1 (R1)
Plug	PMS	9518	250V~	BS1363	BSi

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (HOKLAS 005 – TEST) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Appendix III: Number: 15070437HKG-001

BS 1363-2:1995

Clause	Title
1	Scope
2	Conditions of use
3	Terms and definitions
4	General
5	General conditions for type testing
6	Classification
7	Marking and Labelling
8	Creepage distances, clearances and Solid insulation
9	Accessibility of live parts
10	Provision for earthing
11	Terminals and terminations
12	Not used
13	Construction of socket-outlets
14	Resistance to ageing and to humidity
15	Insulation resistance and electric strength
16	Temperature rise
17	Breaking capacity of socket-outlets
18	Normal operation of socket-outlets
19	Connection of flexible cords and cord anchorage
20	Mechanical strength
21	Screws, current-carrying parts and connections
22	Resistance to heat
23	Resistance to abnormal heat and fire
24	Resistance to excessive residual stresses and to rusting

********** End of Report **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HKAS HOKLAS 005 TEST

TEST REPORT

Applicant:

Number: 15070438HKG-001

Date: 28 Dec 2015

Sample Description Product	:	(A) 4 Gang 13A Non-Rewirable Surge Protected Extension Socket with Surge Indicator (B) 4 Gang 13A Non-Rewirable Surge Protected Extension Socket with Surge Indicator and Power Indicator (C) 6 Gang 13A Non-Rewirable Surge Protected Extension Socket with Surge Indicator (D) 6 Gang 13A Non-Rewirable Surge Protected Extension Socket with Surge Indicator and Power Indicator
Brand Name	:	
Model No.	:	(A) 9988NS (B) 9988NSP (C) 2068NS (D) 2068NSP
Electrical Rating	:	13A 250V~
No. of Samples	:	51
Date Received	:	06 Feb 2013 to 28 Dec 2015
Date Test Conducted	:	07 Feb 2013 to 28 Dec 2015
Test Requested	:	Test for compliance with BS 5733 : 2010
Test Method	:	BS 5733 : 2010
Test Result	:	See the attached sheets.
Conclusion	:	The submitted samples **Complied** with the above safety standards/ requirement. But the note should be noted.

********** End of Page **********

Approved by:

Wong Woo Ping
Manager

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Test Results: Number: 15070438HKG-001

Note : When determining the test conclusion, measurement uncertainty of test has been considered.

Remark : This report is derived from report no. 13020212HKG-001 dated 16 Jul 2013 and 13020212HKG-001R1 dated 3 Dec 2013. Samples of models has the same basic construction as model 2068NS. The differences were different number of gangs and with/without neon and surge report no. Except clause 8, 10, 13, 15 were repeated, all other test results were referred to the model 2068NS. Test report surge was updated.

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Test Results: Number: 15070438HKG-001

BS 5733:2010

Clause	Title/ Description	Result
1	Scope	--
2	Normative references	--
3	Terms and definitions	--
4	Classification	--
5	General requirements	--
6	Type testing	Complied
7	Rating	Complied
8	Marking	Complied
9	Dimensions	Complied
10	Clearances, creepage distances and solid insulation	Complied
11	Accessibility of live parts	Complied
12	Provision for earthing	Complied
13	Construction	Complied
14	Terminals and terminations	Complied
15	Screws, current-carrying part and connections	Complied
16	Provisions for cables and cords	Complied
17	Resistance to ageing	Complied
18	Resistance to harmful ingress of water and resistance to humidity	Complied

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Test Results: Number: 15070438HKG-001

BS 5733:2010

Clause	Title/ Description	Result
19	Insulation resistance and electric strength	Complied
20	Temperature rise	Complied
21	Mechanical strength	Complied
22	Resistance to heat	Complied
23	Resistance of insulating material to abnormal heat, and to fire	Complied
24	Clause deleted	--
25	Resistance to excessive residual stresses and to rusting	Complied

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Appendix I: Number: 15070438HKG-001

The following information was marked on the sample:

SURGE PROTECTED

Power
On

Surge
Active

13A 250V~ BS1363/A
Total Load must not
exceed 13A

9988N (for model 9988NS) 9988N (for model 9988NSP)
2068N (for model 2068NS) 2068N (for model 2068NSP)

BS5733/A

Type 3
Uoc=4kV
Up=1,5kV
Uc=250V
I_L=13A
50Hz

SURGE & SPIKE SOCKETS
RE:PORTABLE APPLIANCE TEST PROCEDURES.
PLEASE NOTE: This product has been
Specifically designed to filter high voltage surges and
spikes from the mains supply thereby preventing
potential damage to computers and sensitive
electronic equipmet. When operating correctly
this socket will fail any high voltage test procedure.
THIS IS NOT A FAULT.

********** End of Page **********

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Intertek

Valued Quality. Delivered.

Issuing Laboratory:
Intertek Testing Services Hong Kong Limited
HKAS has accredited this laboratory (Reg. No. HOKLAS 005) under HOKLAS for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories.

HOKLAS 005 TEST

TEST REPORT

Appendix II: Number: 15070438HKG-001

TABLE: CRITICAL COMPONENTS LIST					
Object/Part No.	Manufacturer/ Trademark	Type/Model	Technical data	Standard	Mark(s) of conformity
Cable	Supeready	A05VV-F 3G1.25mm^2	300/500V	BSEN50525	HK12051298-1 (R1)
Plug	PMS	9518	250V~	BS1363	BSi
Surge protector	PMS	---	Type 3 Uoc=4kV Up=1.5kV Uc=250V I_L=13A 50Hz	BSEN61643	150401981SHA-001

********** End of Report **********

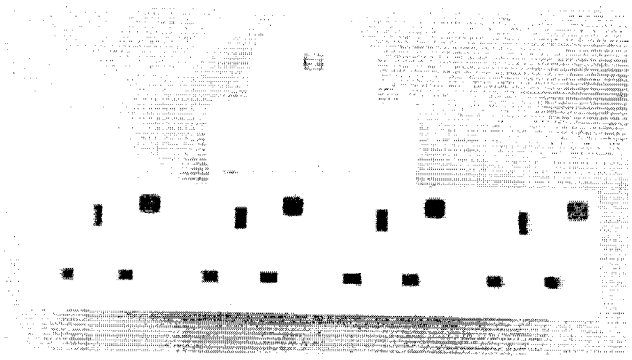
Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487 Website: www.hk.intertek-etlsemko.com

Report No: MKM-13AP1320ATSP

TEST REPORT

To:		To:	-
Attn:		Attn:	-
Address:		Address:	-
Fax/ E-mail:		Fax/ E-mail:	- -

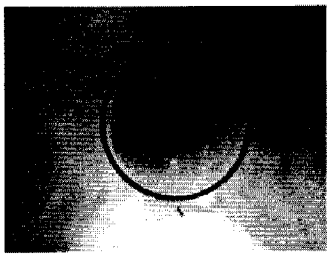
This document includes: 15 pages (Annex 1)

Factory name:	CHIP KWONG METAL ELECTRICAL MANUFACTORY DONGGUAN CHINA		
Location:	Shigu District, Tangxia, Dongguan	Start date:	April 19, 2013
		Finish date:	May 27, 2013
		Standards used: (Date):	1) BS 5733:2010 2) BS 1363:1995 +A1+A2+A3:2007
		Clauses examined:	1) All clauses 2) Clause 13.10
		Re-testing:	Ball pressure test
13A 4 Gang Adaptor with switch & surge protection 2348		Remark / Note:	See page 2

CONCLUSION: The samples satisfy to the clauses examined of the standard after modificaiton.

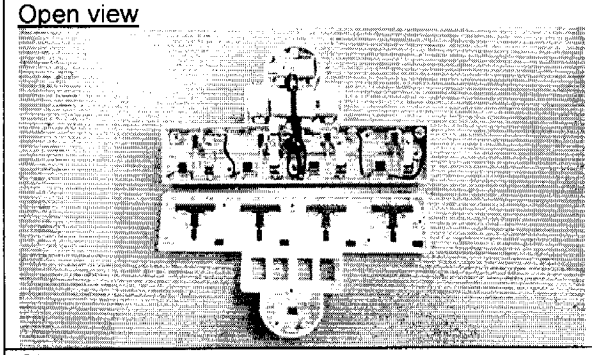
Test done by:	Approved by:
Jimmy ZHANG	Charlie CHEN

Historic Remark and Note

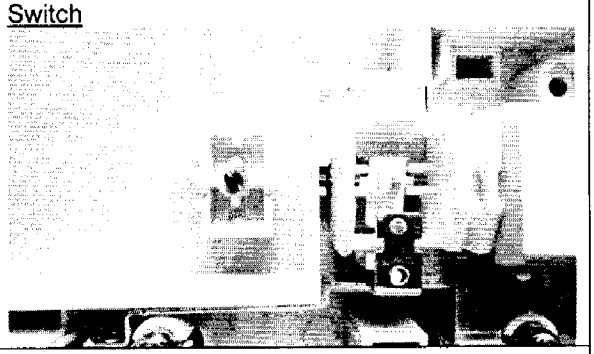
Clause 22.4 (BS 5733)	Ball pressure test	Picture of the modification
Description of the problem (Remark 1) :		
R1: After ball pressure test at a temperature of 75°C, the diameter of impression of the insulating material to retain current-curing parts exceed 2 mm.		
Modification result:		
The modified samples passed the ball pressure test.		

PICTURE OF THE SAMPLE TESTED:

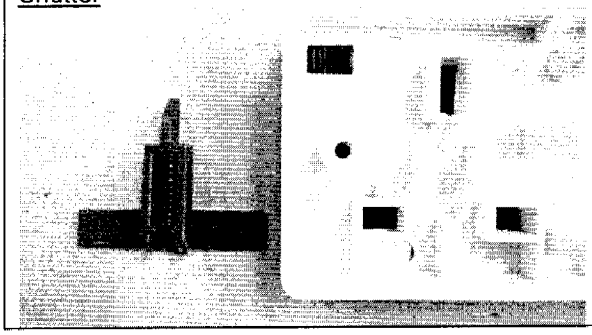
Open view



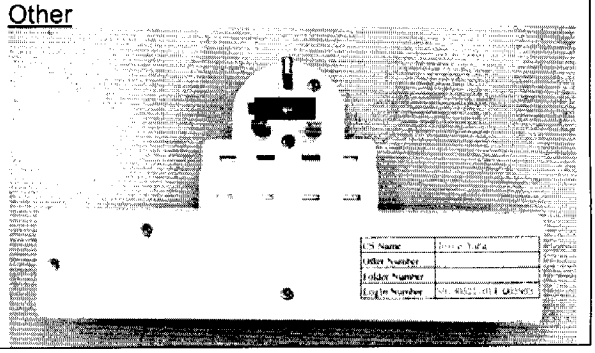
Switch



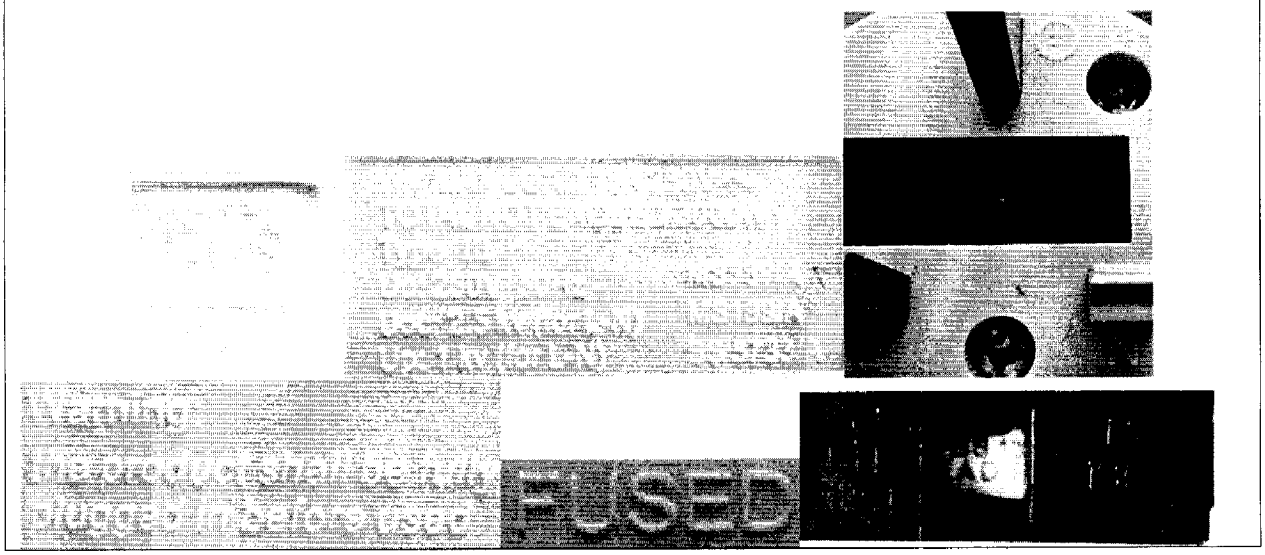
Shutter



Other



Copy of marking plate:



Possible test case verdicts:	
- Test object does meet the requirement :	P (Pass)
- Test case does not apply to the test object :	NA (Not applicable)
- Test object does not meet the requirement :	F (Fail)
- Test object does not demand :	ND (Not demanded)
General remarks:	
"(See remark #)" refers to a remark appended to the report. Throughout this report a comma is used as the decimal separator.	

Component list:

Component	Manufacturer	Type	Technical data	Standard	Conformity
Fuse	Group Talents Limited	SEM 11-13A	13A,240V~	BS 1362:1973 +A1:1984+A2:1991	KM 21062
SPD	Chip Kwong Electrical Mfy.Ltd.	-	Uc:250V~ Up:1KV, Uoc:2.5KV	BS EN 61643-11:2002+A1	ITS test report No. HK09020369 -1(R1)

Clause	Requirement – Test	Result - Remark	Verdict
1	Scope		—
2	Normative reference		—
3	Definitions (travel adaptor)		—
4	Classification (see remarks in page 2, additional marking is provided also)		—
	a1) fixed		NA
	a2) portable		P
	b1) flush		NA
	b2) surface		NA
	b3) panel-mounting		NA
	c1) rewirable		NA
	c2) non-rewirable		P
	d1) fused		P
	d2) unfused		NA
	e1) switched		P
	e2) unswitched		NA
	f1) with provision for earthing		P
	f2) without provision for earthing		NA
	g1) ordinary, IPX0		P
	g2) splash-proof, IPX4		NA
	g3) jet-proof, IPX5		NA
	h1) normal use		NA
	h2) rough-use		P
5	General requirements		—
6	Type testing		—
7	Ratings		—
7.1	Accessories had the following:		—
	a) Rated voltage	250V	P
	b) Rated current	13A	P
8	Marking		—
8.1	Information to the be marked on accessories	See page 3	P
	a) Number of British Standard	BS5733/A	P
	b) for rough-use accessories & portable socket - outlet		P

Clause	Requirement – Test	Result - Remark	Verdict
	c) trade mark / manufacturer	See page 4	P
	d) rated current	13A	P
	e) rated voltage	250V	P
	f) nature of supply	~	P
	g) terminal identification		NA
	h) for fused accessories, word	FUSED	P
	i) IP no.	IP20	NA
	j) type reference / catalogue no. / code no.	Logo of PMS / 2348	P
	k) size of cord anchorage	mm^2	NA
	ll) for accessories incorporating screwless terminals), length of insulation to be removed		NA
8.2	Safety information	See remark in page 2	—
	by marking on the accessory itself		P
	in instructions which may accompany		P
8.3	Visibility of marking		P
	marking specified in 8.1 were visible		P
	marking specified in 8.2, if on the accessory		P
8.4	Symbol for marking accessories		—
	- Amperes	A	P
	- Volts	V	P
	- AC	~	P
	- DC		NA
	- Line	L,	P
	- Neutral	N,	P
	- Earth	E	P
	- On	I	NA
	-Off	0	NA
	- Cord / Cable size:		NA
8.5	Marking of rated current and voltage		P
	figures were used alone.		P
	Figure for d.c. current rating		NA
	Figure for a.c. current rating		P
	Symbol for nature of supply.		P
8.6	Inspection		—
	Refer to clause 8.1 to 8.5.		P

Clause	Requirement – Test	Result - Remark	Verdict
8.7	Durability and legibility of markings		P
	Markings were not placed on screws, markers or other removable parts.		P
	When tested by this method, the marking did remain legible	~~Engraving /~~ Moulding ~~/ Label / Printing~~	P
9	Dimensions		—
	Where products have interchangeability with other standard, the relevant dimensions within the tolerances specified		P
	Standard no . ref. for measurement		NA
10	Creepage distances and clearances in air		—
	Parts between	Creepage (mm)	Limit (mm)	—
	a) live parts of different polarity	>4(By gauge)	≥ 2.5 (1)	P
	b) live parts and other metal parts	-	≥ 2.5	NA
	Parts between	Clearance (mm)	Limit (mm)	—
	a) live parts of different polarity	>4(By gauge)	≥ 2.5 (2)	P
	b) live parts and other metal parts	-	≥ 3 (2.5)	NA
	c) live parts and the enclosure	>4(By gauge)	≥ 3	P
	d) separated by action of switch	>3(By gauge)	≥ 2 (1.5)	P
	e1) switch contact opened - L	>4(By gauge)	≥ 3	P
	e2) switch contact opened - N	>4(By gauge)	≥ 3	P
11	Accessibility of live parts		—
11.1	Accessories were so constructed and enclosed not contact with live parts		P
	When tested using test probe B applied with a force, in every position with smallest conductor		P
	No contact between the test probe and live part		P
	test repeated with conductors of the largest c.s.a. no contact between the test probe & live parts		P
	For accessories incorporation (plug-pins/socket-contacts) not conforming British Standard, test probe B was applied		P
	No contact between test probe & live parts		P
11.2	Live parts protected by the shutters were not accessible with the test pin (fig. 8)		P
	live parts were automatically screened by a shutter		P
	When tested by applying the test pin to each shutter with a force, applied perpendicular		P
	not possible to touch live parts		P
11.3	a) Associated earthing plug-pin was prevented from making contact with a current carrying socket-contact		P

Clause	Requirement – Test	Result - Remark	Verdict
	b) Associated current-carrying plug-pin was prevented from making contact with a current-carrying socket-contact while any other plug pin was accessible.		P
11.4	Earthing plug-pin make contact with earthing socket contact before the current-carrying plug-pins make contact with the current carrying socket-contacts.		P
	Earthing plug-pin break contact with earthing socket contact after the current-carrying plug-pins break contact with the current carrying socket-contacts.		P
11.5	For accessory intended to be inserted into accessory incorporating socket-contact and it was supplied with a flexible cord:		NA
	the free end of the flexible cord was encapsulated in insulating material		NA
11.6	For portable plug-in fused accessories, not possible to gain access to the fuse-link		P
11.7	other fused accessories, possible to remove and replace the fuse-link safely.		NA
	Instructions were provided		NA
	not possible to touch live parts with the test probe during removal or replacement of the fuse-link.		NA
11.8	The base and cover of non-rewirable portable accessories were permanently attached		P
11.9	The base and cover of rewirable portable accessories were firmly secured to each other		NA
	A pull was exerted upon each cover fixing screw for 60s at a temperature of 70 °C.		NA
	screw thread was capable of performing its intended function		NA
	no insert had removed to such an extend		NA
12	Provision for earthing		—
12.1 & 12.2	With the exception of accessories conforming to 12.2, provision was made for the effective earthing of all metal parts		P
	The earthing resistance between earthing terminal and various parts was measured		—

Parts	Measured (Ω)	limit: (Ω)	
a) accessible metal parts		≤ 0.05	NA
b) for plugs		≤ 0.05	NA
c) for socket-outlets		≤ 0.05	NA
d) for adaptors	<0.05	≤ 0.05	P
e) incoming and outgoing terminals		≤ 0.05	NA
f) earthing of cord		≤ 0.05	NA

13	Construction		—

Clause	Requirement – Test	Result - Remark	Verdict
13.1	Current-carrying parts were made of brass		P
13.2	For sealing compounds		P
13.3	Boxes could not readily be deformed		NA
	Could not be brought into contact with any live parts		NA
	did not allow access to any live parts		NA
13.4	Boxes complied with clauses 1.5.3, 1.5.4, 1.5.5, 1.5.7, 1.5.8, 1.5.10, 1.6, 1.8.2 & 1.10 of BS4662		NA
13.5	The internal connections were designed to maintain correct polarity		P
13.6	A length of insulation, of approximately 4mm, was removed from the end of a flexible conductor.		NA
	The cross-sectional area of cord		NA
	One wire of the standard conductor was left free and the other wires fully inserted into the clamped in the terminal.		NA
	The free wires should be bent in every possible direction but without making sharp bends.		NA
	The free end of the conductor connected to a live terminal did not touch any live part that was accessible or was connected to an accessible metal part.		NA
	Furthermore, the free wire of the conductor connected to a live terminal did not reduce the creepage distances and clearances to accessible surfaces to less than 1.3mm.		NA
	The free wire of a conductor connected to an earthing terminal did not touch live part.		NA
	Terminals of portable rewireable accessories, conductor escape but no risk of accidental connection between live parts and accessible external surfaces		NA
	or of a stray wire bypassing fuse-link		NA
13.7	Fuse contacts were made from material conforming to 13.1 (brass).		P
	Fuse contacts were conformed to 15.3.		P
	A solid link manufactured from stainless steel was used for the test of inherently resilient contact		P
	After the test, the stainless steel solid test link was replaced by a solid link of negligible impedance having dimensions of (type b / type d / min. dimension according to their relevant standard sheets).		P
13.8	switch contacts come to rest only in a state giving adequate contact of the contacts		P
	switch contacts come to rest only in a state giving adequate separation of the contacts		P

Clause	Requirement – Test	Result - Remark	Verdict
13.9	Multi-pole switches constructed that all contacts make and break with one movement of the actuating member.		NA
13.10	Switches, other than those for a.c., were of the quick make and break (snap action) type	a.c. only	P
	the speed of contact making and breaking was independent of the speed at which the actuating member was operated.		P
13.11	the switch complied with clauses 18 & 19 of BSEN 60669-1: 2000	See appendix	P
13.12	Socket-contacts did withstand, without excessive wear or other harmful effects, the electrical and mechanical stresses occurring in use		P
	tested at rated current at rated voltage		P
	Sockets were operated by mechanically withdrawing and inserting the plug		P
	After the test, the plug and socket device did not show wear impairing its operation.		P
	the inlet opening in the cover of the socket portion did not show appreciable damage		NA
	Shutters were still operating satisfactorily and the socket-contacts safely shielded		P
	The plug and socket device conform to clause 19 and 20		P
13.13	For accessory incorporates fuse-link which may be withdrawn or replaced on load		P
	the fuse contacts should make and break the rated current, by insertion and removal of a solid link, in accordance with 13.7,		P
	all metal parts not in contact with line contacts should be to the earth pole of the test circuit		P
	After the test, the accessory was serviceable		P
14	Terminals and terminations		—
14.1	Rewireable accessories were provided with terminal having screw clamping		NA
	Rewireable accessories were provided with screwless terminals		NA
	The means for clamping the conductors in the terminals did not serve to fix other component		NA
14.2	Terminals with screw clamping for copper conductors		NA
14.3	Screwless terminals for copper conductors		NA
14.4	Terminals for non-rewirable accessories		—
	provided with soldered, welded, crimped or similar terminations		NA
	crimped connections not pre-soldered		NA
	no more than one strand or 5% fractured during connection		NA

Clause	Requirement – Test	Result - Remark	Verdict
	tested by exerting a pull in the longitudinal axis	N	NA
	no deterioration of joints		NA
15	Screws, current-carrying parts and connections		—
15.1	Connections, electrical or mechanical did withstand the mechanical stresses occurring		P
	Screws or nuts which transmit electrical contact pressure were of metal		P
	and were in engagement with a metal thread.		P
	Screws or nuts in engagement with thread of insulating material was completely removed and reinserted each time as specified in 14.2.8.	Nm	NA
15.2	For screws in engagement with a thread of insulating, correct introduction into the screw hole or nut was ensured.		NA
15.3	Contact pressure of electrical connections was not transmitted through insulating material		P
15.4	Screws and rivets that serve as electrical as well as mechanical connections were locked against loosening or turning.		P
	In addition, the terminals of accessories containing earthing and neutral plug pin as:		—
	a) formed as one piece with the pin, or		NA
	b) permanently connected to it in such a way that efficient electrical connection was made that cannot work loose in use.		NA
	The other contact for the fuse-link was similarly connected to the corresponding plug-pin		P
	Connections were not made by means of screws.		P
	The line terminal or termination provided with effectively clamping and securing conductors		P
	Connections to fuse-clips within accessories not containing terminals made by means of screws.		P
15.5	Current-carrying parts, including those of terminals (also earthing terminals) were metal resistant to corrosion		P
15.6	Current-carrying parts which might be subjected to mechanical wear was not made of steel which had an electroplated coating.		P
15.7	Metals showing a great difference of electrochemical potential with respect to each other were not used in contact with each other.		P
15.8	Thread-forming screws were not used for the connection of current-carrying parts.		NA
16	Provisions for cables and cords		NA
17	Resistance to ageing		—
17.1	Accessories were resistant to ageing.		P

Clause	Requirement – Test	Result - Remark		Verdict
17.2	Accessories other than ordinary was test after having been mounted and assembled as 18.1.2.1.			NA
	test in the cabinet			NA
	The stickiness or greasiness of the sample was test by pressing the sample			NA
	After the test, the samples did not show cracks or other signs of damage, and			P
	not sticky or greasy			P
18	Resistance to harmful ingress of water and resistance to humidity			—
18.1	Resistance to ingress of water	IP20		P
18.2	Resistance to humidity			P
	The humidity treatment was carried	25 °C, 93%RH		P
	Duration for the samples were kept in the cabinet	48 h		P
	After the test, the insulation and the electric strength complied with clause 19.			P
	The samples did not show signs of damage			P
19	Insulation resistance and electric strength			—
19.1	The insulation resistance and electric strength was tested in accordance with 18.2, followed immediately by 19.2 and 19.3 in the humidity cabinet.			P
19.2	The insulation resistance was measured			—
	Parts between	Measured (MΩ)	Limit (MΩ)	—
	a) parts of opposite polarities	5000	≥ 5	P
	b) parts of opposite polarity connected together and other parts insulated, including earthed metal	5000	≥ 5	P
	c1) switch contacts opened - L	10	≥ 2	NA
	c2) switch contacts opened - N		≥ 2	NA
19.3	The insulation was subjected for 60s to a voltage			P
	a) Between live parts of opposite polarity			P
	b) parts of opposite polarity connected together and other parts insulated, including earthed metal			P
20	Temperature rise			—
	Accessories were so constructed that the temperature rise in normal use was in accordance with 20.4.3.			P
20.2.1 & 20.2.3	Portable accessories were connected by flexible cords with test conductors of maximum size given in table 2 appropriate to the current-rating used.			NA

Clause	Requirement – Test	Result - Remark	Verdict
20.3.2 & 20.3.4	(Plug / Adaptors) having provision for connection of flexible cords was inserted into a corresponding socket-outlet, which was mounted in an appropriate flush mounting box placed in a blash of wood simulating the conditions of normal use.		P
20.3.6	When supply cables enter into mounting boxes for tests of fixed accessories		NA
20.4	Temperature rise was determined by means of		—
20.4.1-20.4.3	All tests were carried out in a draught - free environment, with test voltage and current		P
	Parts	Measured (K) / Limit (K)	—
	Terminal 1	33 / ≤ 52	P
	Terminal 2	37 / ≤ 52	P
	Ambient temperature (°C)	23.4°C / —	—
21	Mechanical strength		—
	Accessories was constructed as to withstand such handling as may be expected.		P
	Conformity was checked by plugs in accordance with 21.3.3		P
21.3.1	For surface mounting fixed accessories		NA
21.3.2	For flush mounted fixed accessories		NA
21.3.3	For plugs fitted with 2-core / 3-core PVC sheathed cords, appropriate to the design and current rating of the accessory with length of 150mm	mm^2	NA
	Terminals and cover screws were tightened with the torque (table 3).	Nm	NA
	Plugs were tested in the tumbling barrel		—
	a) for rewirable plugs	1000 times	NA
	b) for non-rewirable plugs	2500 times	NA
	c) for rough-use plugs	5000 times	NA
21.3.4	For single and twin portable socket-outlets.		NA
21.3.5	For portable socket-outlets having more than two outlets.		NA
21.3.6	For adaptors.		P
21.3.7	For other portable accessories which were intended to be remain connected to the supply when not in use.		NA
21.3.8	For screw glands.		NA
21.4	Assessment: When the accessories were tested in accordance with 21.3, the accessories:		—
21.4.1	a) not show damage which might affect safety;		P
	b) no live parts become accessible		P

Clause	Requirement – Test	Result - Remark	Verdict
	c) no parts become detached.		P
21.4.2	When examined in accordance with 21.4.1, accessories which passed was submitted to repeat tests in accordance with clause 19 and 20, but with the following modifications and without disturbing the terminals or terminations.		P
	The length of cords were reduced to 1000mm.		NA
22	Resistant to heat		—
22.1	With the exception of parts made from rubber and ceramics in fixed accessories		P
22.2	The sample were kept for 60 min. in a heating cabinet	100 °C, 60 min	P
	When tested in this way, there was not access to live parts which normally not accessible.		P
	After the test, the accessories did not have undergone any change impairing further use.		P
22.3 –	The sample were subjected to a ball-pressure test	20 N	P

22.4	Parts	Temperature (°C)	∅ (mm)	Limit (mm)	—
	a) retaining current-carrying parts	75	0,9	≤ 2	P
	b1) parts of earthing circuit/terminals			≤ 2	NA
	b2) not retaining current-carrying parts	75	1,2	≤ 2	P

22.5	Portable accessories having external parts of resilient material.		NA
23	Resistance of insulation material to abnormal heat and to fire		—
23.1 – 23.2	Parts of insulating material did not impair the safety of the accessory was not unduly affected by normal heat and by fire.		P
	a) insulating material retain current-carrying parts	750 °C	P
	- no visible flame and no sustained glowing		P
	- flames and glowing extinguish within 30 s after removal of glow-wire	<20s	NA
	- no ignition of paper		P
	a) not retain current-carrying parts	650 °C	P
	- no visible flame and no sustained glowing		P
	- flames and glowing extinguish within 30 s after removal of glow-wire		NA
	- no ignition of paper		P
24	Resistance to tracking		—
24.1 – 24.2	For accessories other than ordinary only		NA
25	Resistance to excessive residual stresses and to rusting		—

Clause	Requirement – Test	Result - Remark	Verdict
25.1	The current-carrying parts were subjected to the test of immersed in an aqueous solution of mercury (I) nitrate containing 10g of $Hg_2(NO_3)_2$ and 10ml of $HN0_3$ (relative density 1.42) per litre of solution for 30 min. at a temperature of 20°C		P
	after the treatment, no cracks visible		P
25.2	Ferrous parts, including covers and boxes, were subjected to the test of immersed for 10 min. in 10% solution of ammonium chloride in water at a temperature of 20°C.		P
	After the treatment, there were no signs of rust		P

Clause	Requirement – Test	Result - Remark	Verdict

Annex 1 additional requirement based on BS 1363-3

Clause	Requirement – Test	Result - Remark	Verdict
Set A	**Inspection, Measurement, Gauging & Manipulation**		—
13.10	The adaptor with associated plugs and cords were not impose undue strains on fixed socket outlet		P
13.10.1	a) The adaptor fitted with the device and counterweight. The total mass not exceed 800g	675,4g	P
13.10.1	b) The additional torque which has to be applied to the socket-outlet to maintain the engagement face in the vertical plane was not greater than 0,7 Nm	Measured torque = 0,23Nm	P

Intertek Testing Services Hong Kong Ltd.
2/F., Garment Centre, 576 Castle Peak Road,
Kowloon, Hong Kong.
Tel: (852) 2173 8888 Fax: (852) 2785 5487

Valued Quality. Delivered.

Test Verification of Conformity

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out.

Applicant Name & Address	:
Product(s) Tested	: (A) 4 Gang 13A Non-Rewirable Surge Protected Extension Socket with Surge Indicator (B) 4 Gang 13A Non-Rewirable Surge Protected Extension Socket with Surge Indicator and Power Indicator (C) 6 Gang 13A Non-Rewirable Surge Protected Extension Socket with Surge Indicator (D) 6 Gang 13A Non-Rewirable Surge Protected Extension Socket with Surge Indicator and Power Indicator
Ratings and principal characteristics	: 13A 250V~
Model(s)	: (A) 9988NS (B) 9988NSP (C) 2068NS (D) 2068NSP
Brand Name	:
Relevant Standard(s)/ Specification(s)	: BS 5733 : 2010 General requirements for electrical accessories - Specification
Verification Issuing Office Name & Address	: Intertek Testing Services Hong Kong Ltd. 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong.
Verification/Report Number(s)	: 15070438HKG-001

NOTE : This verification is part of the full test report(s) and should be read in conjunction with it.

Digitally signed by
Wong Woo Ping
Location: Intertek
Testing Services
Hong Kong Ltd.

Signature

Name: Wong Woo Ping
Position: Manager
Date: 28 Dec 2015

Report No: MKM-14DE1069ATSP-A1

TEST REPORT

To:		To:	-
Attn:		Attn:	-
Address:		Address:	-
Fax/E-mail:		Fax/E-mail:	-

This document includes: 24 pages

Factory name:	HIGH PROJECT ELECTRIC WIRE & CABLE MFY. (FENGHUA) LTD.		
Location:	No.299, Siming East Road, Hi-tech Development Zone, Fenghua, Zhejiang Province	Start date:	February 10, 2015
See pictures on page 2 & 3		Finish date:	February 27, 2015
		Standards used: (Date):	BS1363-3:1995 + +A4:2012
		Clauses examined:	See page 2
		Re-testing:	None
Multiway adaptor 2358, 2368		Remark / Note:	See page 2

CONCLUSION: The samples satisfy to the clauses examined of the standard.

Test done by:	Approved by:
Project Engineer:	PL Manager:
Yan CAO	Charlie CHEN

Report No: MKM-14DE1069ATSP-A1

Note: 1) This report is issued to update previous test report No.MKM-14DE1069ATSP dated on January 20, 2015 due to adding a new model 2358;

2) The difference between model 2358 & 2368 is only number of socket outlets;

3) Based on above reason, only clauses 7 to 13, 21(construction check only) and 26 in set A, L and N were performed on model 2358, all other test results were based on previous test report.

DESCRIPTION OF PRODUCTS AND CLAUSES EXAMINED

Model	Number of socket outlets	Characteristics	Clauses examined
2358	3	13A 250V~	clauses 7 to 13, 21 (construction check only) and 26 in set A, L and N
2368	4		All clauses

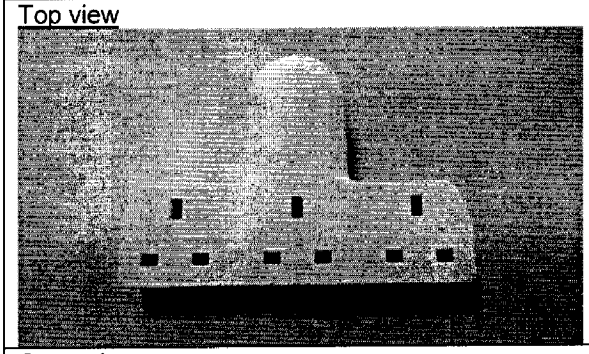
LIST OF COMPONENTS:

Components	Manufacture	Models	Characteristics	Standard	Conformity
Fuse link	Ningbo Weiyun Electronic Co., Ltd	SAFE	13A 250V~	BS 1362:1973+A1+A2	ASTA 854

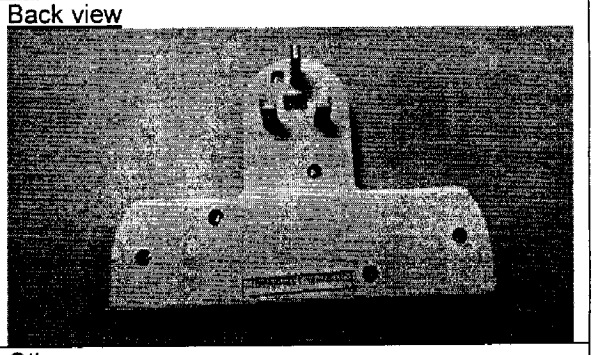
PICTURE OF THE SAMPLE TESTED:

Model 2358

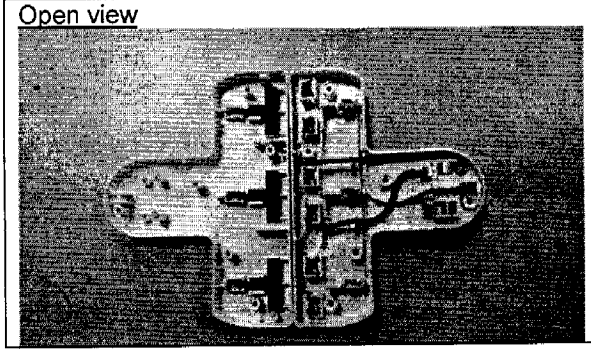
Top view



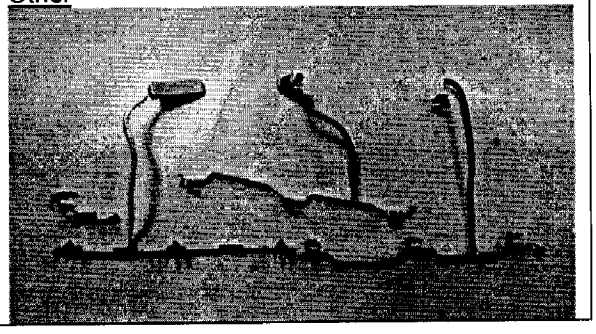
Back view



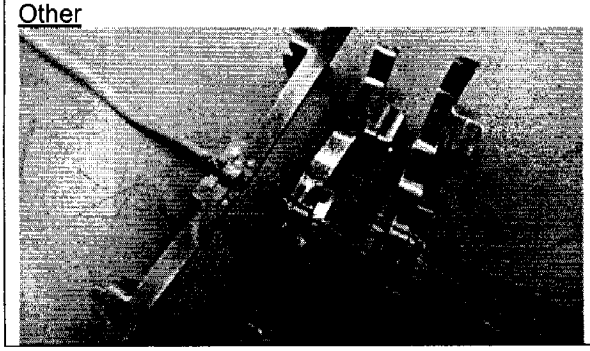
Open view



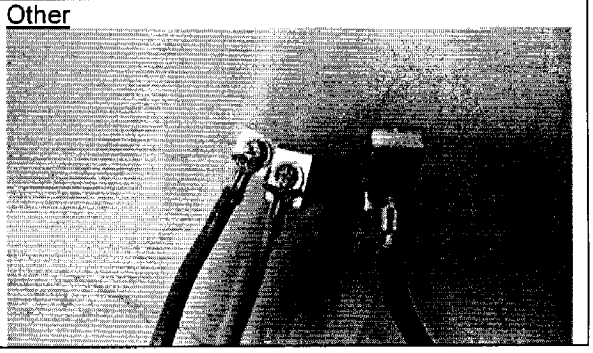
Other



Other

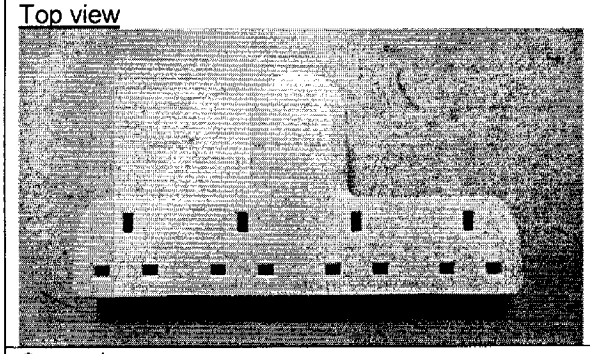


Other

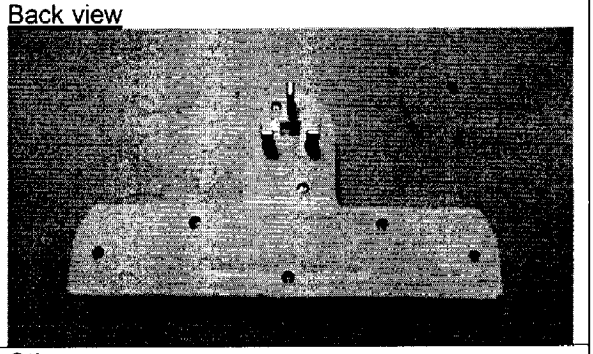


Model 2368

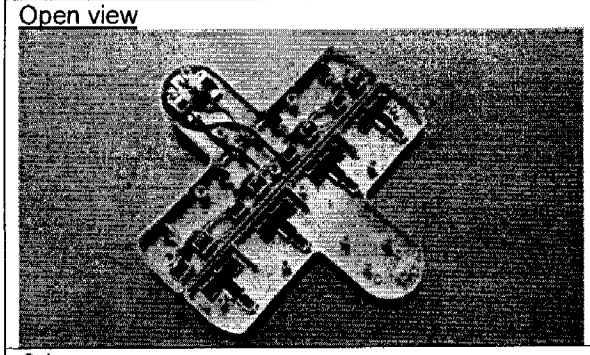
Top view



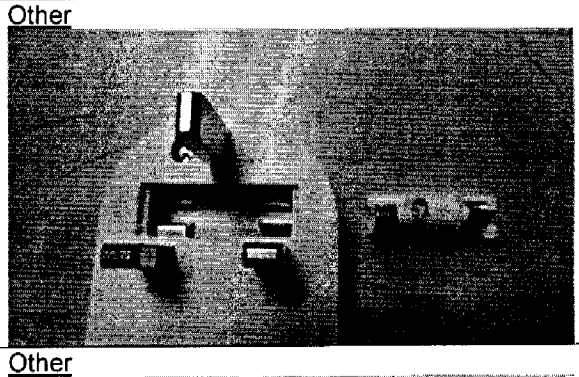
Back view



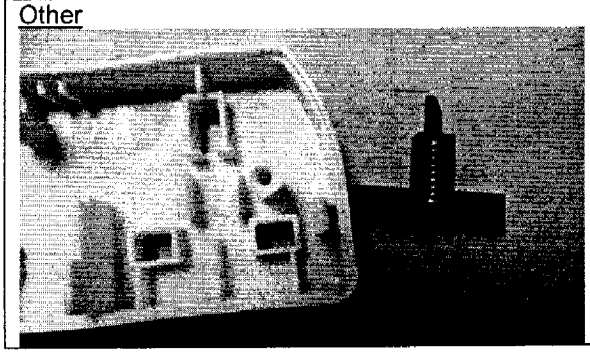
Open view



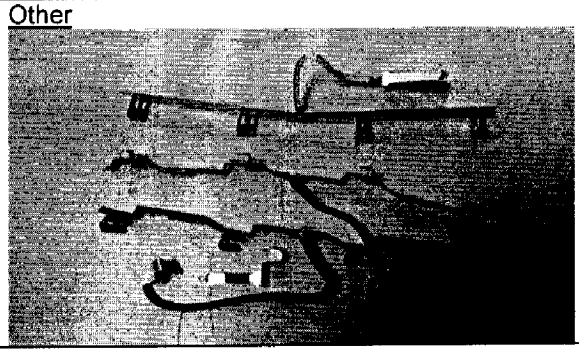
Other



Other

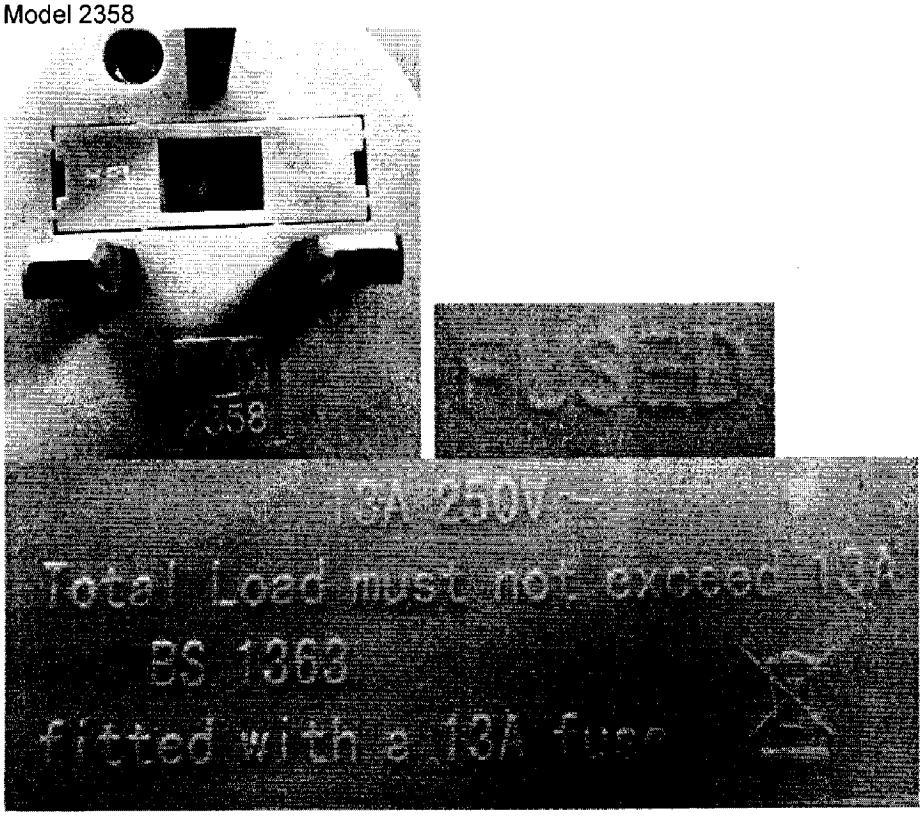


Other

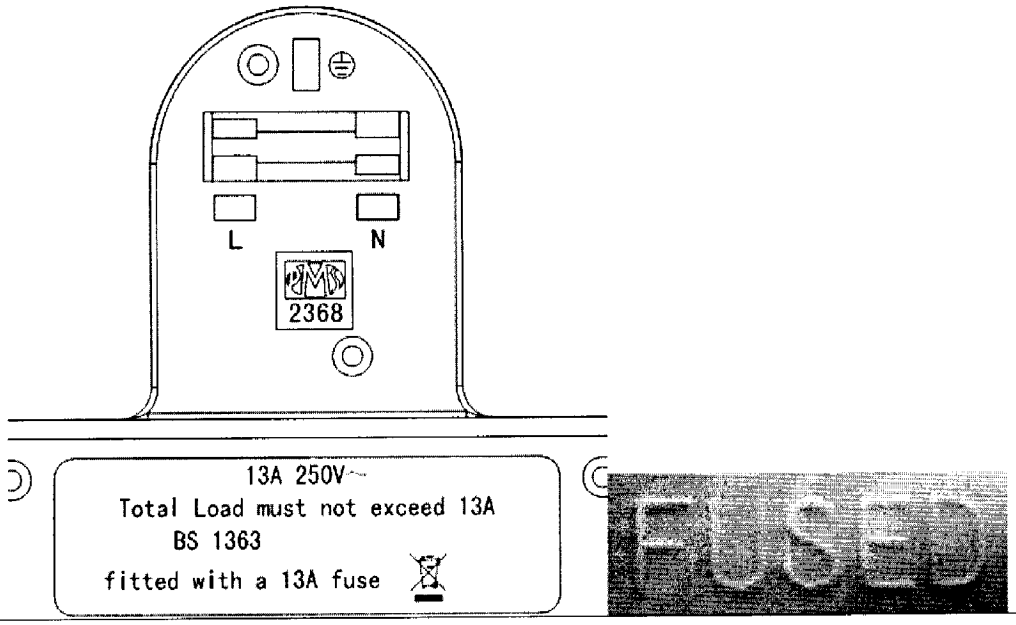


Copy of marking plate:

Model 2358



Model 2368



Possible test case verdicts:	
- Test object does meet the requirement :	P (Pass)
- Test case does not apply to the test object :	NA (Not applicable)
- Test object does not meet the requirement :	F (Fail)
- Test object does not demand :	ND (Not demanded)
General remarks:	
"(See remark #)" refers to a remark appended to the report. Throughout this report a comma is used as the decimal separator.	

Clause	Requirement – Test	Result - Remark	Verdict
Set A	**Inspection, Measurement, Gauging & Manipulation**		—
5	All tests are type tests		P
6	Classification		—
6.1	Adaptors were classified as follows :		—
	• fused;		P
	• unfused;		NA
	• conversion;		NA
	• multiway;		P
	• intermediate;		NA
	• adaptor plug;		NA
	• rewirable		NA
	• non-rewirable		P
	• shaver adaptor		NA
	• shaver adaptor for class II applications		NA
6.2	The rated current of an adaptor	13A	P
	a) equal to the sum, if this is lower than 13 A		NA
	b) 13 A, if the sum is higher than 13 A;		P
	c) 13 A for an adaptor plug;		NA
	d) 13 A, if the sum is equal to or greater than 13 A;		NA
7	Marking and labeling		—
7.1	Adaptors were legibly & durably marked		P
	a) trade mark		P
	b) the no. of BS		P
	c) Symbols of rewirable adaptors of terminals		NA
	d) Symbols or words of fuse for fused adaptors		P
	e) Rated current of fuse link for non-rewirable adaptors		P
	f) On the engagement surface with their total maximum electrical load marking		P
	g) Marking for shaver adaptor		NA
	h) Marking of fuse fitting for shaver adaptor		NA
	i) Marked with		P
	i1) rated volts		P
	i2) Nature of supply		P
7.1.1	The marking did remain legible rubbing test	Mould	P
7.2	Label to indicate the rating of fuse link fitted for rewirable intermediate adaptor & adaptor plug.		NA
7.3	For intermediate adaptor & adaptor plug only.		NA

Clause	Requirement – Test	Result - Remark	Verdict
7.4	For rewirable adaptor & adaptor plug only.		NA
7.5	Symbols used were as follow:		—
	• amperes:	A	P
	• volts:	V	P
	• alternating current:	~	P
	• line:		NA
	• neutral:		NA
	• earth:		NA
	• fuse:		NA
9.1	For intermediate adaptors only.		NA
9.2	Live parts were not accessible.		P
9.2.1	A test pin was applied, it shall not be possible to touch live parts.		P
9.3	The plug portion was protected the user against accidental contact with live parts during insertion or withdrawal from corresponding socket-outlets.		P
	The socket-outlets were protected the user against accidental contact with live parts during insertion or withdrawal of plugs.		P
9.5	For intermediate adaptor & adaptor plug, the free end of the flexible cord were encapsulated in insulating material		NA
9.6	A metal pin did not touch live parts through earthing apertures of socket outlet.		P
10.1	When inserting a plug, the earth connection was made before the current-carrying pins of the plug become live.		P
	When withdrawing a plug the current-carrying parts did not separate before the earth contact was broken.		P
11.1	Effective clamping of terminals and terminations were provided for intermediate adaptors & adaptor plug.		NA
	Checked in accordance with 11.2-11.9		NA
12.1	The disposition of the adaptor plug pins		P
12.2	The outline of the adaptor were not exceed the dimension shown in fig.4a		P
	No axial projection from the engagement surface of the adaptor		P
12.2.1	The ISOD cannot be maintained due to flexibility of plastic material. The test in 13.8 of BS1363-2, the maximum withdrawal force not exceed 36N		NA
	The line & neutral pin were entered into the gauge for a distance not exceeding 2mm.		P
	The adaptor did enter the gauge fully when a force of 10N or less was applied.		P
12.3	No part of a line or neutral pin were less than 9,5mm from the periphery of the adaptor		P

Clause	Requirement – Test	Result - Remark	Verdict
12.4	The provision of fuses in adaptors		P
	The fuse link complied with standard		P
	Fuse link was provided and was mounted in contacts only between the line plug pin		P
	The fuse could not displace.		P
	fuse link could not be left in inadequate contact		P
	Impossible to replace the fuse link in an adaptor		P
12.5	Fuse link was retained by fuse carrier for non-rewirable intermediate adaptors & adaptors plugs.		NA
12.11.1	All exposed surface of the adaptor plug pins were smooth & free from balls or sharp edges.		P
12.11.2	Those surface of non-solid adaptor plug pins are visible.		NA
12.11.3	All seams and joint non-solid adaptor plug pins were closed over their entire length.		NA
	Test with a probe of 0,2mm diameter of steel		NA
12.11.6	Adaptor plug pins and ISOD were adequate mechanical strength to ensure that they could not distorted by twisting.		P
	After torsion test, the adaptor were fit the gauge of plug pin		P
12.15	For intermediate adaptor & adaptor plug only.		NA
12.16	For non-rewirable intermediate adaptor & adaptor plug only.		NA
12.17	Conductive component parts could not displaced to affect adversely the safety		P
12.18	Line & neutral adaptor plug pins were fitted with insulating sleeves.		P
	Sleeves were not fitted to earthing adaptor plug pin.		P
13.1	For adaptors with adaptor socket-outlets for BS 1363 plugs, the disposition of socket contacts were as shown in fig. 3		P
	No projection on the engagement surface of the adaptor.		P
	The spacing of the socket contacts, 'Go' gauge was used to test the contacts.		P
	Raised marking did not project more than 0,5mm form the engagement face.		P
13.2	The line & neutral socket contacts in adaptors were positioned. During the checking by using of the 'Contact" gauge		P
13.3	The travel of the end of either current-carrying pin from the front face of the adaptor to the first point of contact with the socket contact, in any position the socket contacts might occupy were not less than 9,6mm.	Measured length = 10,0 mm (model 2358) Measured length = 10,6 mm (model 2368)	P
	During the checking by using of the 'Non-contact" gauge		P

Clause	Requirement – Test	Result - Remark	Verdict
13.4	For adaptor socket-outlets intended to accept plugs complying with other standards, the disposition & dimensions were reliable and safe interconnection		NA
	There were no projection on the engagement surface of the adaptor.		NA
	The spacing of the socket contacts did correspond with that of the plug pins.		NA
13.5	The socket contacts were self-adjusting as to contact making.		P
	The means for producing the contact pressure were associated with each socket contact independently and were not dependent on insulating material		P
13.5.2	Socket contacts of adaptors did have effective contact with a corresponding plug pin. (spec: ≤25mV)		P

	L (mV)	N (mV)
1	19	17
2	19	17
3	19	17

13.5.3	The earth, Line and Neutral socket contacts did have effective mechanical contact with a corresponding plug pin.				P
	The checking with the withdrawal pull of a gauge did satisfied (For adaptor socket-outlet for BS 1363 plugs)				P
	The checking with the withdrawal pull of a gauge did satisfied the standard.				P
	For other standard, the maximum force were specified in the appropriate standard				NA
13.8	The apertures for line, neutral and earth plug pins were measured.				P
	Model 2358				—
	Parts	Sample 1 (mm)	Sample 2 (mm)	Sample 3 (mm)	Spec. (mm)	—
	Earth	8,7x4,7	8,6x4,6	8,7x4,7	≤ 8,8 × 4,8	P
	Neutral	7,1x4,7	7,1x4,6	7,1x4,6	≤ 7,2 × 4,8	P
	Line	7,1x4,7	7,2x4,7	7,1x4,7	≤ 7,2 × 4,8	P
	Model 2368					—
	Parts	Sample 1 (mm)	Sample 2 (mm)	Sample 3 (mm)	Spec. (mm)	—
	Earth	8,6x4,6	8,6x4,6	8,6x4,7	≤ 8,8 × 4,8	P
	Neutral	7,0x4,7	7,0x4,6	7,0x4,6	≤ 7,2 × 4,8	P
	Line	7,0x4,6	7,0x4,7	6,9x4,6	≤ 7,2 × 4,8	P
13.9	The distance from the apertures of line and neutral to the periphery of the accessible external surface of the socket outlet was measured as below:					P
	Model 2358					—
	Sample	Neutral (mm)	Line (mm)	Spec (mm)		
	1	9,8	9,9	≥9,5		P
	2	9,8	9,8	≥9,5		P

Clause	Requirement – Test			Result - Remark	Verdict
	3	9,9	9,8	≥9,5	P
	Model 2368				—
	Sample	Neutral (mm)	Line (mm)	Spec (mm)	—
	1	9,9	9,9	≥9,5	P
	2	9,8	10,0	≥9,5	P
	3	9,9	9,9	≥9,5	P
13.10	The adaptor with associated plugs and cords were not impose undue strains on fixed socket outlet				P
13.10.1	a) The adaptor fitted with the device and counterweight. The total mass not exceed 800g				P
13.10.1	b) The additional torque which has to be applied to the socket-outlet to maintain the engagement face in the vertical plane was not greater than 0,7 Nm			Measured torque = 0,30 Nm (Model 2358) Measured torque = 0,40 Nm (Model 2368)	P
18.1.4	For switched socket-outlet				NA
	The voltage drop across each switched pole. Spec ≤ 60 mV				NA
19.2	Cord anchorages did anchor the cord securely to the adaptor.				N/A
	a) the cord anchorage could not released from the outside without the use of a tool.				N/A
	b) it was not possible to touch cord anchorage screws with test finger I.				N/A
	c) it was not possible to touch cord anchorage screws with test finger I.				N/A
	d) at least one part of the anchorage was securely fixed to the adaptor.				N/A
	e) clamping the cord did not require the use of a special purpose tool.				N/A
	f) the cord anchorage screw shall not sistort the adaptor to such an extent that conformity with 12.2 is affected.				N/A
	g) the adaptor was correctly fitted without damage.				N/A
19.3	Clamping screws did not serve to fix other components.				N/A
19.4	For intermediate adaptor & adaptor plug only.				NA
19.6	For intermediate adaptor & adaptor plug only.				NA
21	Screws, current-carrying parts and connections				P
21.1	Screwed connections, electrical and otherwise, did withstand the mechanical stresses				P
	Screws directly transmitting electrical contact pressure did screw into metal.				NA
	Screws were not of metal which was soft and liable to creep.				P
	Screws were not of insulating material.				P
	Contact pressure in electrical connections within the				P

Clause	Requirement – Test	Result - Remark	Verdict
	plug and between the plug and the cable or flexible cord connected to it was not transmitted through insulating material.		
21.1.1	Torque test:		NA
	- 10 times for thread of insulating material .....:		NA
	- 5 times for others .....:		NA
	After the test, no damage impairing the further use of the screwed connection.		NA
21.2	Thread-cutting and thread-forming screws were not used for the making of current-carrying or earth continuity connections.		P
	Screws which made a mechanical connection of the plug was locked against loosening, if the connection carried current.		P
21.3	Current-carrying parts were brass.		P
	earthing plug pins were brass.		P
8	Clearances, creepage distances and solid insulation		—
	The distance between lead wires in the pinch of a neo n lamp with external resistor shall be a minimum of 1mm		NA
8.1	Clearances		—
	Default pollution degree (Width X)	2 (1,0mm)	P
	Pollution degree declared by manufacturer (Width X)		NA
	Default rated impluse voltage (overvoltage category)	4000V (III)	P
	Declared rated impluse voltage (overvoltage category)		NA
8.1.1	Clearances for basic insulation		P
8.1.2	Clearances for functional insulation		P
8.1.3	Clearances for supplementary insulation		NA
8.1.4	Clearances for reinforced insulation		NA
8.2	Creepage distances		—
	Default pollution degree (Width X)	2 (1,0mm)	P
	Pollution degree declared by manufacturer (Width X)		NA
	Min. CTI/PTI (material group)	100 (IIIb)	P
	Declared material group		NA
	Corresponding CTI/PTI of declared material group	100≤ CTI/PTI <175	P
8.2.1	Creepage distances for basic insulation		P
8.2.2	Creepage distances for functional insulation		P
8.2.3	Creepage distances for supplementary insulation		NA
8.2.4	Creepage distances for reinforced insulation		NA

Clause	Requirement – Test	Result - Remark	Verdict
8.3	Solid insulation		—
	No minimum thickness for solid insulation		P
	Basic, supplementary, reinforced solid insulation shall withstand the required impulse voltage declared by manufacturer of the accessory		P
	The insulation shall continue to conform to the electric strength test with clause 15.1.3		P
8.3.1	Basic solid insulation	1500V	P
	Supplementary solid insulation:		NA
	During the test, no breakdown or flashover occurred		P
8.3.2	Reinforced solid insulation:		NA
	During the test, no breakdown or flashover occurred		NA
Set B	**General**		—
5	All tests are type tests		P
9.4	Resilient covers of adaptors were so designed and constructed that no risk as a result of undue pressure. After the test, it was not possible to touch five parts.		P
	After the test, it was not possible to touch five parts.		P
19.1	For intermediate adaptor & adaptor plug only.		NA
12.14	The degree of flexibility of mounting of the adaptor plug pins (limit: ≤ 3,30°)		—

Earth pin	Sample 1	Sample 2	Sample 3	
1	< 3,30°	< 3,30°	< 3,30°	P
2	< 3,30°	< 3,30°	< 3,30°	P
3	< 3,30°	< 3,30°	< 3,30°	P
4	< 3,30°	< 3,30°	< 3,30°	P
Line pin	Sample 1	Sample 2	Sample 3	—
1	< 3,30°	< 3,30°	< 3,30°	P
2	< 3,30°	< 3,30°	< 3,30°	P
3	< 3,30°	< 3,30°	< 3,30°	P
4	< 3,30°	< 3,30°	< 3,30°	P
Neutral Pin	Sample 1	Sample 2	Sample 3	—
1	< 3,30°	< 3,30°	< 3,30°	P
2	< 3,30°	< 3,30°	< 3,30°	P
3	< 3,30°	< 3,30°	< 3,30°	P
4	< 3,30°	< 3,30°	< 3,30°	P

12.19.2	The electric strength between each L & N pin & plug pin sleeve adjacent to the base of the adaptor were adequate.	1250V; 60s	P
12.19.3	The resistance of the plug pin sleeve to abrasion were adequate.		P

Clause	Requirement – Test	Result - Remark	Verdict
	After the test the sleeve did not show damage which might impair the further use of the adaptor.		P
	The sleeve did not have been penetrated or creased.		P
	Did satisfy the test described in 12.19.2.		P
12.19.2	The electric strength between each L & N pin & plug pin sleeve after the test in 12.19.3 were adequate.	1250V; 60s	P
Set C	**General**		—
5	All tests are type tests		P
20.1.2	For fused adaptors using fuse links complying with BS 1362 the fuse clips did have adequate mechanical strength.		P
20.1.3	For fused adaptors using fuse links complying with BS 646 the fuse clips did have adequate mechanical strength.		NA
17	Breaking capacity of adaptors		—
17.1.2	The breaking capacity of socket contacts were adequate.		P
	After the test, the socket-outlet were capable of satisfying.		
17.1.3	The breaking capacity of switches incorporated in socket outlets were adequate.		
	After the test, the socket-outlet were capable of satisfying.	16,25A, 250V~	P
13.12	Switches shall be so constructed that undue arcing cannot occur when the switch is operated slowly.		
13.12.1	The circuit is broken a further 10 times		
20.1.4	The adaptors were tested with the impact test apparatus. After the test, it was not possible to touch live parts using the test pin.		P
16	The adaptor and their surroundings were not attaining excessive temperatures in normal use.		P
	Test current (A), test voltage (V):	14A, 250V~	P
	Temperature rise		—
	Test 1 For all adaptors, only one socket outlet was tested at one time:		—

Measurement point	Limit (K)	Sample 1(K)	Sample 2(K)	Sample 3(K)	
Line pin spacer	≤ 37	34*	32	35*	P
Neutral pin spacer	≤ 37	33	33	34*	P
External surface	≤ 52	9	12	13	P
Ref point temp. °C	-	20	20	20	P

Test 2 Additional test for multiway adaptors. —

Measurement point	Limit (K)	Sample 1(K)	Sample 2(K)	Sample 3(K)	
Line pin spacer	≤ 37	32	32	32	P
Neutral pin spacer	≤ 37	32	33	35*	P

Clause	Requirement – Test			Result - Remark		Verdict
	External surface	≤ 52	11	11	12	P
	Ref point temp. °C	-	21	21	21	P
Set D	**General**					—
5	All tests are type tests					P
14.2	Adaptors were proof against humid conditions which may occur in normal use.					P
12.10	For intermediate adaptors & adaptor plugs only.					NA
19.5	For intermediate adaptors & adaptor plugs only.					NA
12.19.4	The resistance of the insulation sleeves of the plug pin to heat was adequate.					P
	The thickness of the insulation remaining at the point of impression was measured					—
	Sample	Original part (mm)	Remainder part (mm)		Spec.	—
	1	0,08	0,08		≥50%	P
	2	0,08	0,08		≥50%	P
	3	0,08	0,08		≥50%	P
Set E	**General**					—
5	All tests are type tests					P
14.1	The adaptors were subjected to a test in a heating cabinet			70°C, 7 days.		P
	After the treatment, the samples did show crack visible with normal.					P
20.1.5	Adaptors were tested in the tumbling barrel.					P
	After the test the adaptor did not show damage which affect safety.					P
	no component parts did have become detached.					P
	And the pins of the adaptor did not have unduly distorted as checked using the gauge specified in the standard.					P
	Screws did remain tight to a torque not less than 70% of the original tightening torque.					NA
	And current-carrying joints did not have become loose & did make satisfactory contact.					P
12.9	Adaptors were so designed & constructed that they could not readily be deformed to allow access to live parts.					P
10.2	All accessible metal parts of adaptors were in effective electrical contact with the earthing socket contact & earthing plug pin.					NA
	Sample	Voltage drop (mV)	Resistance (mΩ)		Spec.(mΩ)	—
	1	-	-		≤ 50	NA
	2	-	-		≤ 50	NA
	3	-	-		≤ 50	NA
12.12	The socket contacts & any terminals or terminations					P

Clause	Requirement – Test	Result - Remark		Verdict
	were formed as one piece with or were permanently connected to the pin			
	This connection were not made by means of screw.			P
	The contact for the fuse link were connected to the line socket contact & any line terminal were formed in one piece with the socket contact & the fixed part of any terminal.			P
	These connections were not made by means of screws.			P
12.6	The base and cover of non-rewirable intermediate adaptors & adaptor plugs were permanently attacked to each other.			NA
12.7	For intermediate adaptors & adaptor plugs only.			NA
12.8	The base & cover of adaptors were firmly secured to each other.			P
	Not possible to remove the cover unless the adaptor was completely withdrawn from the socket-outlet.			P
12.8.1	After the test it was not possible to touch live parts with the test pin.			P
12.8.2	For non moulded on non-rewirable adaptor			NA
12.13	Adaptors were no likelihood of them becoming detached from the adaptor during normal use.			P
	After the test the adaptor pin did comply with the gauge specified in the standard.			P
21.3	Current-carrying parts were of brass.			P
	Earthing contacts were of brass.			P
	Earthing plug pins of brass.			
Set F	**General**			—
5	All tests are type tests			P
14.1	The adaptors were subjected to a test in a heating cabinet.	70°C, 7 dyas		P
	After the treatment, no crack was visible			P
15.1.2	The insulation resistance of adaptor to d.c. voltage of 500V were adequate.			P
	Parts between	Resistance (MΩ)	Limit (MΩ)	—
	a) line & neutral terminal	> 5	≥ 5	P
	b) line & neutral connected together		≥ 5	—
	1) a metal foil in contact	> 5	≥ 5	P
	2) the earthing terminal	> 5	≥ 5	P
	3) any metal part of a cord anchorage		≥ 5	NA
	c) Switch contacts – L	-	≥2	N/A
	Switch contacts – N	-	≥2	N/A
15.1.3	Electric strength of adaptor were adequate. (2000V a.c., for 1 min):			P

Clause	Requirement – Test	Result - Remark	Verdict
	a) line & neutral terminals		P
	b) line & neutral terminals connected together		—
	1) a metal foil in contact with external surface		P
	2) the earthing terminal		P
	3) any metal part of a cord anchorage		NA
	c) Switch contacts – L		NA
	Switch contacts – N		NA
	During the test, no breakdown or flashover occurred.		P
15.2	For intermediate adaptors & adaptor plugs only.		NA
13.7	The construction of the adaptor were such that when a plug was withdrawn from it, the current-carrying socket contacts were automatically screened by shutters.		P
	The shutters were operated either by the insertion of the earthing pin or by the simultaneous insertion of any two or more pins of the plug provided that any one corresponding single pin inserted into any current-carrying socket aperture were not open the shutter.		P
	One socket aperture shutter were not capable of closing independently of the other aperture shutter.		P
	It shall not be possible to operate a shutter by inserting a 2-pin plug into a 3-pin socket outlet. Compliance shall be checked by the tests of 13.7.2		P
13.7.1	It was not possible to touch current-carrying parts.		P
13.7.2	Earth pin operated shutters and 3-pin operated shutters shall be deemed to comply with this requirement without testing. For other shutter designs, compliance shall be checked by the test.	30±2 N	P
18	Normal operation of adaptors		—
	Using an appropriate plug with solid pins, each socket-outlet of the adaptor was subjected to make & break a current in non-inductive circuit.		P
	Test current (A), test voltage (V):	13A, 250V~	P
	After the test the shutter were operating satisfactorily, the socket contacts safely shielded the adaptor were in accordance with 13.7, 9.1, 16, 15, 13.5, 13.6, and 10.2.		P
18.1.4	For switched socket-outlet		NA
	The voltage drop across each switched pole. Spec ≤ 60 mV		NA
	The switch was subjected to make and break a current.		NA
	At the end of the test, the switch were capable of making and breaking the rated current of 13A at 250V.		NA

Clause	Requirement – Test	Result - Remark	Verdict
	The voltage drop across each switched pole. Spec ≤ 75 mV		NA
	After the test, the switch shall also pass the tests given in Clause 15, the test voltages given in 15.1.3 being reduced by 25%		NA
13.7	The construction of the adaptor were such that when a plug was withdrawn from it, the current-carrying socket contacts were automatically screened by shutters.		P
	The shutters were operated either by the insertion of the earthing pin or by the simultaneous insertion of any two or more pins of the plug provided that any one corresponding single pin inserted into any current-carrying socket aperture were not open the shutter.		P
	One socket aperture shutter were not capable of closing independently of the other aperture shutter.		P
	It shall not be possible to operate a shutter by inserting a 2-pin plug into a 3-pin socket outlet. Compliance shall be checked by the tests of 13.7.2		P
13.7.1	It was not possible to touch current-carrying parts.		P
13.7.2	Earth pin operated shutters and 3-pin operated shutters shall be deemed to comply with this requirement without testing. For other shutter designs, compliance shall be checked by the test.	30±2 N	P
9.1	For intermediate adaptors & adaptor plugs only.		NA
16	The adaptor and their surroundings were not attaining excessive temperatures in normal use.		P
	Test current (A), test voltage (V): 14A 250V~		P
	Temperature rise		—
	Test 1 For all adaptors, only one socket outlet was tested at one time:		—

Measurement point	Limit (K)	Sample 1(K)	Sample 2(K)	Sample 3(K)	
Line pin spacer	≤ 37	31	33	33	P
Neutral pin spacer	≤ 37	33	34*	33	P
External surface	≤ 52	13	14	15	P
Ref Point temp. °C	—	21	21	21	P

Test 2 Additional test for multiway adaptors. —

Measurement point	Limit (K)	Sample 1(K)	Sample 2(K)	Sample 3(K)	
Line pin spacer	≤ 37	33	34*	32	P
Neutral pin spacer	≤ 37	34*	34*	33	P
External surface	≤ 52	14	14	14	P
Ref Point temp. °C	—	21	21	21	P

15.1.2	The insulation resistance of adaptor to d.c. voltage of 500V were adequate.		P

Clause	Requirement – Test	Result - Remark			Verdict
	Parts between	Resistance (MΩ)		Limit (MΩ)	—
	a) line & neutral terminal	> 5		≥ 5	P
	b) line & neutral connected together			≥ 5	—
	1) a metal foil in contact	> 5		≥ 5	P
	2) the earthing terminal	> 5		≥ 5	P
	3) any metal part of a cord anchorage			≥ 5	NA
	c) Switch contacts – L	-		≥2	N/A
	Switch contacts – N	-		≥2	N/A
15.1.3	Electric strength of socket outlets were adequate. (2000V a.c., for 1 min):				P
	a) line & neutral terminals				P
	b) line & neutral terminals connected together				—
	1) a metal foil in contact with external surface				P
	2) the earthing terminal				P
	3) any metal part of a cord anchorage				NA
	c) Switch contacts – L				NA
	Switch contacts – N				NA
	During the test, no breakdown or flashover occurred.				P
15.2	For intermediate adaptors & adaptor plugs only.				—
13.5	Socket contacts of adaptors were self-adjusting as to contact making & each socket contact				P
	The means for producing the contact pressure were associated with each socket contact independently.				P
	& were not dependent on insulating material				P
13.5.2	The voltage drop between individual line or neutral socket contact & the corresponding plug pin was measured. (Spec: ≤ 40mV)		L (mV)	N (mV)	P
		1	31	39	
		2	33	38	
		3	34	39	
13.5.3	For adaptor socket-outlet for BS 1363 plugs. The socket contact did retain the gauge for not less than 30s when the socket-outlet was held horizontally with the gauge hanging vertically downwards.				P
	Adaptor socket-outlets for plugs complying with BS546. The socket-contact did retain the gauge for not less than 30s when the socket-outlet was held horizontally with the gauge hanging vertically downwards.				NA
13.6	The maximum withdrawal-pull of a plug from a adaptor socket-outlet was measured. (Limit :≤ 36N)	Sample	Pull force (N)		P
		1.	33N		
		2.	28N		
		3.	29N		

Clause	Requirement – Test	Result - Remark	Verdict
10.2	All accessible metal parts of adaptors were in effective electrical contact with the earthing socket contact & earthing plug pin.		NA

Sample	Voltage drop (mV)	Resistance (mΩ)	Spec.(mΩ)	—
1	-	-	≤ 50	NA
2	-	-	≤ 50	NA
3	-	-	≤ 50	NA

13.11	For switch provided, the actuating member could remain at rest in the off position whilst the switch contacts remain closed.		NA
	The actuating mechanism were so constructed that when operated the switch could remain only in a position giving adequate contact or adequate separation of the contacts.		NA
	Switches were so constructed that undue arcing could not when the switch was operated slowly. The switch disconnected the supply to the line socket contact.		NA
13.11.1	Following the test in clause 17, the circuit was broken a further 10 times, each time moving the actuating member by hand over a period of 2s in a manner such as to attempt to stop the moving contact in an intermediate position causing arcing.		NA
	The actuating member were released after 2s of any arcing did cease.		NA
Set G	**General**		—
5	All tests are type tests		P
12.11.4	Adaptor plug pins and ISOD were adequate strength to withstand the stresses of normal use.		P
12.11.4.1	After applied the force 1100N on the movable anvil to the major axis of pins, the adaptor did fit the gauge	1100N	P
12.11.4.2	For non-solid pins only.		NA
	a) After applied the force 800N on the movable anvil to the major axis of pins, the adaptor did fit the gauge the adaptor were complied 12.11.2, 12.11.3 and did fit the gauge		NA
	b) The applied force when the movement of the anvil from the datum point reaches 1,5min were not less than 1100N		NA
Set H	**a) Additional tests for adaptors with non-solid pins and/or ISOD**		—
5	All tests are type tests		NA
12.11.5	Adaptors with non-solid pins and/or ISOD were not cause excess wear to sockets or shutter of socket-outlets		NA
12.11.5.1	For non-solid pins, after the test, the shutter were operating satisfactorily and socket outlet were complied with 9.1, 16, 15, 13.4.1a, 10.2, 13.6, 13.7,		NA

Clause	Requirement – Test	Result - Remark	Verdict
	13.8 of BS1363-2.		
	no opening in the surface of pins		NA
12.11.5.2	For ISOD, after the test, the shutter were operating satisfactorily and socket contact were safely shielded		NA
Set I	**b) Additional tests for adaptors fitted with an ISOD**		—
5	All tests are type tests		NA
12.11.4.3	For ISOD, After applied the force 400N on the movable anvil to the major axis of ISOD, the adaptor did fit the gauge the adaptor were complied 12.11.2, 12.11.3 and did fit the gauge not exceed 20N		NA
Set J	**Materials**		—
5	All tests are type tests		P
22	Resistance to heat		—
22.1.2	Adaptor was kept for 60 min in a heating cabinet. During the test they did not undergo any change impairing their further use.	70 °C	P
	After the test the adaptor did still satisfy the test described in 9.2.1 & 15.1.3		P
22.1.3	For adaptors with external parts of resilient material.		P
22.2	The insulation was subjected to a test temperature within the oven for the ball-pressure test.	75 °C	P

Parts	Test temp (°C)	Diameter of impression (mm)			Limit (mm)	
		1	2	3		
Not retain live part	75	1,0	1,1	1,1	≤2	P
Retain live part	75	1,1	1,1	1,1	≤2	P

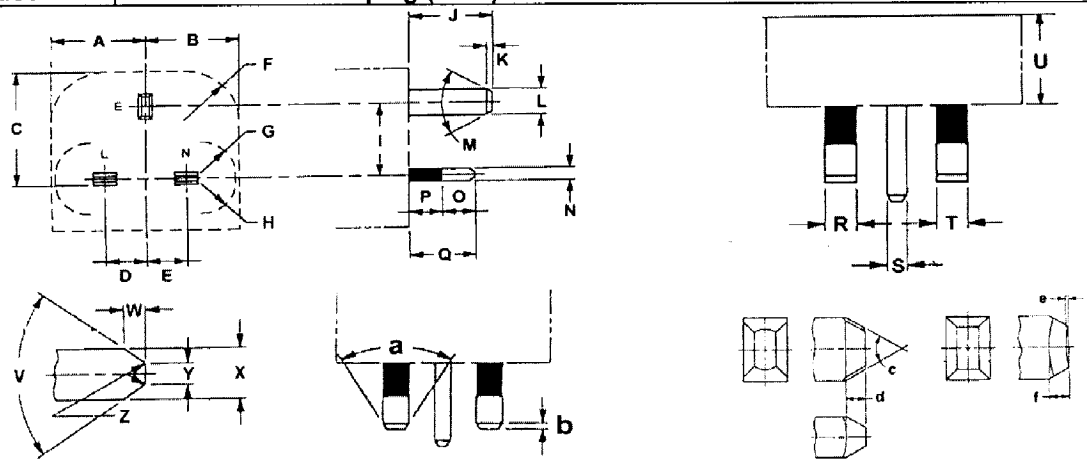
Set K	**Materials**		—
5	All tests are type tests		P
23.2	The glow-wire test was applied to ensure not cause ignition of insulating parts.		P
	Small parts are not subjected to this glow-wire test.		
	Not retain live part	650 °C	P
	a) no visible flame and no sustained glowing		P
	b) flames and glowing extinguished within after removal of glow-wire		NA
	- no ignition of paper		P
	Retain live part	750 °C	P
	a) no visible flame and no sustained glowing		P
	b) flames and glowing extinguished within after removal of glow-wire		NA
	- no ignition of paper		P
8.2	Annex C: Determination of CTI & PTI		—
	Insulation materials resistant to tracking	PTI 175	NA

Clause	Requirement – Test	Result - Remark	Verdict
Set L	**Materials**		—
5	All tests are type tests		P
24	Resistance to excessive residual stresses and to rusting		—
24.1	Current-carrying parts of copper were resistant to failure in use due to stress corrosion.		P
	There were not cracks visible with normal or corrected vision without additional magnification.		P
24.2	Ferrous parts were adequately protected against rusting.		P
	After the parts had dried for at least 10 min in a heating cabinet	100 °C	P
	their surface did not show signs of rust.		P
21.3	Current-carrying parts were brass		P
	Earthing contacts were brass.		P
Set M	**Positive break**		—
5	All tests were type tests		NA
13.12.2	Actuating member of switch not at rest in the off position		NA
	Actuating mechanism remain a position		NA
	- giving adequate contact		NA
	- adaequate seperation of contacts		NA
13.12.3	Measured force F		NA
Set N	**Overload tests**		—
5	All tests were type tests		
14.1	The adaptors were subjected to a test in a heating cabinet	70°C, 7 days.	P
	After the treatment, the samples did show crack visible with normal.		P
26.1	Adaptors rated at 13 A shall withstand currents which could occur due to overload without creating a risk of contact with live parts.		P
26.1.2	Fused adaptors shall be fitted with a 13 A fuse to BS 1362 and subjected to a test current of 1.6 times the rating of the fitted fuse for 60 min or until the fuse operates. Immediately afterwards the checks specified in 26.1.4 shall be made		P
	Fused adaptors shall then be subjected to a test current of 1.9 times the rating of the fitted fuse for 30 min or until the fuse operates (if less than 30 min). Immediately afterwards the checks specified in 26.1.4 shall be made		P
26.1.3	Unfused adaptors shall be subjected to a test current of 1.6 times the rating of the adaptor for 60 min. Immediately afterwards the checks specified in 26.1.4 shall be made		NA

Clause	Requirement – Test	Result - Remark	Verdict
26.1.4	Each adaptor shall be checked for compliance with 9.1, 12.7.1, 12.8.1 and 12.13.1 except that the tests shall be performed at ambient temperature. Deterioration which doesnot compromise access to live parts (e.g. discolouration, distortion) shall be deemed to be acceptable.Inspection shallnot reveal any damage to the adaptor which would impair its safety within the requirements of this part of BS 1363.		P

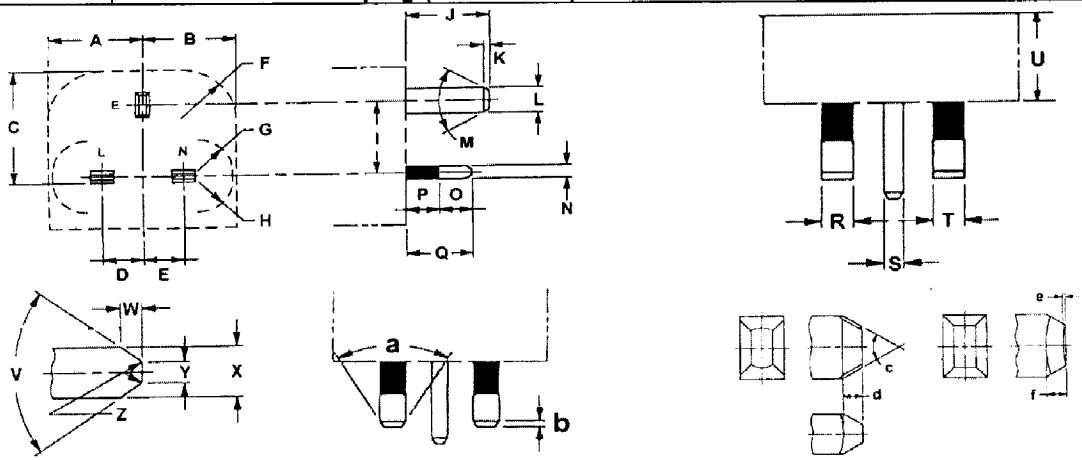
* The uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

Clause 12.2	Dimensions of 13A plug (2358)



Required values		Measured values		
		Sample 1	Sample 2	Sample 3
A	Max. 25,37	24,13	24,10	24,21
B	Max. 25,37	24,13	24,10	24,21
C	M ax. 34,6	33,1	33,1	33,2
D	11,05 to 11,18	11,09	11,07	11,07
E	11,05 to 11,18	11,09	11,07	11,07
F	≥ R 15	P	P	P
G	≥ R 9,5	10,0	10,1	10,0
H	≥ R 9,5	10,0	10,0	10,1
I	22,10 to 22,36	22,25	22,29	22,26
J	22,23 to 23,23	22,67	22,78	22,80
K	1,35 to 1,85	P	P	P
L	7,80 to 8,05	7,97	7,97	7,96
M	58° to 62°	P	P	P
N	3,90 to 4,05	3,98/3,98	3,98/3,97	3,97/3,98
O	≤ 9,2	8,6/8,6	8,6/8,6	8,6/8,6
P	≤ 9,5	9,0/9,0	9,0/9,0	9,0/9,1
Q	17,2 to 18,2	17,6/17,6	17,6/17,6	17,6/17,7
R	6,22 to 6,48	6,35	6,31	6,31
S	3,90 to 4,05	3,96	3,97	3,97
T	6,22 to 6,48	6,34	6,36	6,35
U	≥ 6,35	P	P	P
V	60° to 80°	P	P	P
W	1,35 to 1,85	P	P	P
X	3,90 to 4,05	P	P	P
Y	1,2 to 2,0	P	P	P
Z	R 0,1 to 1,0	P	P	P
a	58° to 62°	P	P	P
b	1,3 5 to 1,85	P	P	P
c	58° to 62°	P	P	P
d	1,35 to 1,85	P	P	P
e	≤ 0,2	P	P	P
f	1,35 to 1,85	P	P	P

Clause 12.2	Dimensions of 13A plug (model 2368)



Required values		Measured values		
		Sample 1	Sample 2	Sample 3
A	Max. 25,37	24,26	24,34	24,31
B	Max. 25,37	24,26	24,34	24,31
C	M ax. 34,6	33,2	33,3	33,3
D	11,05 to 11,18	11,06	11,08	11,07
E	11,05 to 11,18	11,06	11,08	11,07
F	≥ R 15	P	P	P
G	≥ R 9,5	10,0	10,0	10,0
H	≥ R 9,5	10,1	10,0	10,1
I	22,10 to 22,36	22,22	22,23	22,25
J	22,23 to 23,23	22,73	22,88	22,81
K	1,35 to 1,85	P	P	P
L	7,80 to 8,05	7,96	7,98	7,96
M	58° to 62°	P	P	P
N	3,90 to 4,05	3,98/3,97	3,98/3,95	3,96/3,97
O	≤ 9,2	8,6/8,6	8,6/8,6	8,6/8,6
P	≤ 9,5	9,0/9,1	9,0/9,0	9,0/9,1
Q	17,2 to 18,2	17,6/17,7	17,6/17,6	17,6/17,7
R	6,22 to 6,48	6,33	6,34	6,32
S	3,90 to 4,05	3,97	3,96	3,97
T	6,22 to 6,48	6,36	6,36	6,34
U	≥ 6,35	P	P	P
V	60° to 80°	P	P	P
W	1,35 to 1,85	P	P	P
X	3,90 to 4,05	P	P	P
Y	1,2 to 2,0	P	P	P
Z	R 0,1 to 1,0	P	P	P
a	58° to 62°	P	P	P
b	1,3 5 to 1,85	P	P	P
c	58° to 62°	P	P	P
d	1,35 to 1,85	P	P	P
e	≤ 0,2	P	P	P
f	1,35 to 1,85	P	P	P