



TEST REPORT

Report No.: 2506Z11616E

Date: January 22, 2026

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XIAMEN HYSEN CONTROL TECHNOLOGY CO., LTD

No.888 Yuan long Industrial Park, Haicang District, Xiamen, Fujian, China

Report on the submitted samples said to be:

Sample Description:

THERMOSTAT

HY531WE WIFI, HY531, HY531WE, HY531WE ZIGBEE, HY531WW WIFI, HY531WW, HY531LD WIFI, HY531LD, HY531AC WIFI, HY531AC, HY531RF, HY531RF WIFI, HY531RF ZIGBEE, HY531B, HY531BWE WIFI, HY531BWE, HY531BWE ZIGBEE, HY531BWW WIFI, HY531BWW, HY531BLD WIFI, HY531BLD, HY531BAC WIFI, HY531BAC, HY530, HY530WE, HY530WW, HY530LD, HY530AC, HY530B, HY530BWE, HY530B, HY530BWW, HY530BLD, HY530BAC, HY532, HY532WE, HY532WW, HY532LD, HY533, HY533WE WIFI, HY533WE, HY533WE ZIGBEE, HY533WW WIFI, HY533WW, HY533LD WIFI, HY533LD, HY131, HY131WE WIFI, HY131WE, HY131WE ZIGBEE, HY131WW WIFI, HY131WW, HY131LD WIFI, HY131LD, HY131AC WIFI, HY131AC, HY131RF, HY131RF WIFI, HY131RF ZIGBEE, HY131B, HY131BWE WIFI, HY131BWE, HY131BWE ZIGBEE, HY131BWW WIFI, HY131BWW, HY131BLD WIFI, HY131BLD, HY131BAC WIFI, HY131BAC, HY132, HY132BW WIFI, HY132BW, HY132BW ZIGBEE, HY132WE WIFI, HY132WE, HY132WW WIFI, HY132WW, HY132LD WIFI, HY132LD, HY132AC WIFI, HY132AC ZIGBEE, HY132AC, HY26, HY26BW WIFI, HY26BW, HY26WW WIFI, HY26WW, HY26WE WIFI, HY26WE, HY26RF, HY26RF WIFI, HY26RF ZIGBEE, HY27, HY27BW WIFI, HY27BW, HY27WW WIFI, HY27WW, HY27WE WIFI, HY27WE, HY27RF, HY27RF WIFI, HY27RF ZIGBEE, HYT213BW, HYT213RF, HYT213RF WIFI, HY213RF ZIGBEE, REV06, REV06RF, REV06BW RF, REV06BW WIFI, REV06WE RF, REV06WE WIFI, REV06WW RF, REV06WW WIFI, HY101, HY101BW WIFI, HY101BW, HY101BW ZIGBEE, HY101RF, HY101RF WIFI, HY101WW WIFI, HY101WW

Style/Item No.:

Sample Receiving Date:

November 27, 2025

Testing Period:

November 27, 2025 - December 31, 2025

Result:

Please refer to next page(s).

Signed for and on behalf of

BACL

Mila

Fedor

Checked by:

Mila Pan

Approved by:

Fedor Zhang

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Summary of Test Result:(Tested parts are required partially by client)

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CONCLUSION

A As specified by client, refer to RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

Pass

A.1 XRF screening test

Please refer to next page(s).

A.2 Wet Chemical Testing

A.2.1 Total Lead Content

Please refer to next page(s).

A.2.2 Chromium VI (Cr(VI)) Content

Please refer to next page(s).

A.2.3 PBBs & PBDEs Content

Please refer to next page(s).

A.3 Phthalates(DBP, BBP, DEHP, DIBP)Content

Please refer to next page(s).

Pass = Meet the Requirement of Client

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A As specified by client, refer to RoHS Directive 2011/65/EU and its amendment directives (EU) 2015/863

A.1 XRF screening test

Test method: IEC 62321-3-1:2013

Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(1)	Brown printed black plastic(back cover,thermostat) [1][14]	BL	BL	BL	BL	BL
(2)	Black translucent plastic(shell,thermostat) [1][14]	BL	BL	BL	BL	BL
(3)	Black plastic(shell,terminal) [1]	BL	BL	BL	BL	BL
(4)	Silvery metal with blue plating(screw,terminal) [1]	BL	BL	BL	BL	---
(5)	Gold metal(connector,terminal) [1]	BL	BL	BL	BL	---
(6)*#2	Silvery metal(holder,connector,terminal) [1]	OL	BL	BL	BL	---
(7)	Brown printed white plastic(shell,thermostat) [2]	BL	BL	BL	BL	BL
(8)	Black body(thermistor,PCB"HY-532MB-4V5-V14-20250612") [2]	BL	BL	BL	BL	BL
(9)	Grey printed black plastic(pipe shroud,thermistor,PCB"HY-532MB-4V5-V14-20250612") [2]	BL	BL	BL	BL	BL
(10)*	Black plastic(shell,potentiometer) [2]	BL	BL	BL	BL	IN
(11)	Brown plastic(holder,shaft,potentiometer) [2]	BL	BL	BL	BL	BL
(12)	Silvery metal(shaft,potentiometer) [2]	BL	BL	BL	BL	---
(13)	Silvery metal(connector,potentiometer) [2]	BL	BL	BL	BL	---
(14)	Silvery metal(spring,potentiometer) [2]	BL	BL	BL	BL	---
(15)*	Yellow PCB(PCB,potentiometer) [2]	BL	BL	BL	BL	IN
(16)	Silvery metal(holder,potentiometer) [2]	BL	BL	BL	BL	---
(17)*#1	Black body(resistor,PCB"HY-532MB-4V5-V1.4-20250612") [2]	OL	BL	BL	BL	BL
(18)	Brown body(capacitor,PCB"HY-532MB-4V5-V1.4-20250612") [2]	BL	BL	BL	BL	BL
(19)	Black body(IC,PCB"HY-532MB-4V5-V1.4-20250612") [2]	BL	BL	BL	BL	BL
(20)	Black plastic(base,capacitor,PCB"HY-532MB-4V5-V1.4-20250612") [2]	BL	BL	BL	BL	BL
(21)	Silvery metal with black coating(shell,capacitor"E4",PCB"HY-532MB-4V5-V1.4-20250612") [2]	BL	BL	BL	BL	---
(22)*	Blue PCB(PCB"HY-532MB-4V5-V1.4-20250612") [2]	BL	BL	BL	BL	IN
(23)	Silvery solder(PCB"HY-532MB-4V5-V1.4-20250612") [2]	BL	BL	BL	BL	---
(24)	Blue body(metal film resistor,PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	BL
(25)*	Yellow body(capacitor"C8",PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	IN
(26)	Black printed yellow plastic(shell,capacitor"E3",PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	BL
(27)	Black printed brown plastic(shell,capacitor"E2",PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	BL

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Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(28)	Silvery metal(shell, capacitor"E2", PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(29)	Black soft plastic(base, capacitor"E2", PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	BL
(30)	Silvery metal(foil, capacitor"E2", PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(31)	Dull silvery metal(foil, capacitor"E2", PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(32)	Silvery metal(connector, capacitor"E2", PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(33)	Brown paper with liquid(film, capacitor"E2", PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	BL
(34)*	Grey printed black plastic(shell, relay, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	IN
(35)	Coppery metal(connection strap, relay, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(36)	Silvery metal(shaft tip, relay, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(37)*	Beige white plastic(shaft, relay, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	IN
(38)	Coppery metal(coil, relay, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(39)	Silvery metal(rivet, relay, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(40)	Green plastic(shell, terminal, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	BL
(41)	Silvery metal(screw, terminal, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(42)	Silvery metal(connector, terminal, PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(43)*#2	Silvery metal(holder, terminal connector, PCB"HY532PW-WE-220V-1R") [2]	OL	BL	BL	BL	---
(44)	Black body(triode"Q1", PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	BL
(45)	Black body(diode"D2", PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	BL
(46)*#1	Silvery material(diode"D2", PCB"HY532PW-WE-220V-1R") [2]	OL	BL	BL	BL	BL
(47)*	Blue PCB(PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	IN
(48)	Silvery solder(PCB"HY532PW-WE-220V-1R") [2]	BL	BL	BL	BL	---
(49)	White plastic(shell, thermostat) [3]-[13][15]-[17][23]	BL	BL	BL	BL	BL
(50)*	Silvery metal(screw, shell, thermostat) [3][4][16]	BL	BL	BL	IN	---
(51)	Silvery metal(connector, battery holder, thermostat) [3][16]	BL	BL	BL	BL	---
(52)	Silvery body(crystal oscillator, PCB, thermostat) [3][4]	BL	BL	BL	BL	BL
(53)	Black printed beige body(relay, PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	BL
(54)	Grey plastic(shell, terminal, PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	BL
(55)	Orange plastic(pole, terminal, PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	BL
(56)	Silvery metal(connector, terminal, PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	---
(57)*	Silvery metal(cap, switch, PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	IN	---
(58)	Black plastic(button, switch, PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	BL

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(59)*	Silvery metal(foil,switch,PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	IN	---
(60)	Silvery/coppery metal(connector,switch,PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	---
(61)	Black plastic(base,switch,PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	BL
(62)	White plastic(sticker,screen holder,PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	BL
(63)	White printed transparent plastic(holder,screen,PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	BL
(64)	Transparent glass(screen,PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	BL
(65)*	Blue PCB(PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	IN
(66)	Silvery solder(PCB"CA-HY27MB-BW1-VBV5-1R-V2.0") [3]	BL	BL	BL	BL	---
(67)	Blue body(capacitor,PCB"CA-HY27MB-WW-1V220-1R-TWT-V2.0") [4]	BL	BL	BL	BL	BL
(68)	Black magnet with green coating(core,inductor"L2",PCB"CA-HY27MB-WW-1V220-1R-TWT-V2.0") [4]	BL	BL	BL	BL	BL
(69)	Silvery metal with red plating(coil,inductor"L2",PCB"CA-HY27MB-WW-1V220-1R-TWT-V2.0") [4]	BL	BL	BL	BL	---
(70)	Silvery metal with yellow plating(coil,inductor"L2",PCB"CA-HY27MB-WW-1V220-1R-TWT-V2.0") [4]	BL	BL	BL	BL	---
(71)	Black printed yellow plastic with glue(wrappage,transformer,PCB"CA-HY27MB-WW-1V220-1R-TWT-V2.0") [4]	BL	BL	BL	BL	BL
(72)	Black magnet(core,transformer,PCB"CA-HY27MB-WW-1V220-1R-TWT-V2.0") [4]	BL	BL	BL	BL	BL
(73)	Coppery metal(coil,transformer,PCB"CA-HY27MB-WW-1V220-1R-TWT-V2.0") [4]	BL	BL	BL	BL	---
(74)*	Grey body(color ring resistor,PCB"CA-HY27MB-WW-1V220-1R-TWT-V2.0") [4]	BL	BL	BL	IN	BL
(75)	Black/White printed transparent plastic(shell,thermostat) [5][10]	BL	BL	BL	BL	BL
(76)*	Blue PCB(PCB"HY-WIFI-V1.2",PCB"CA-REV06WW-WIT-RF-V220-1R") [5]	BL	BL	BL	BL	IN
(77)*	Blue PCB(PCB"CA-REV06WW-WIT-RF-V220-1R") [5]	BL	BL	BL	BL	IN
(78)	Silvery solder(PCB"CA-REV06WW-WIT-RF-V220-1R") [5]	BL	BL	BL	BL	---
(79)	Black/White printed transparent glass(screen,thermostat) [6][7][8][9][11][12][15][17][23]	BL	BL	BL	BL	BL
(80)*	Black PCB(PCB"CAT-HY531MB-AC-2V5-WIT-V1.1") [6]	BL	BL	BL	BL	IN
(81)	Silvery solder(PCB"CAT-HY531MB-AC-2V5-WIT-V1.1") [6]	BL	BL	BL	BL	---
(82)*	Silvery metal(shell,Type-C plug,PCB"CA-HY213MB-2VBV5-RF-V2.0") [7]	BL	BL	BL	IN	---
(83)	Silvery metal without coating(support,thermostat) [7]	BL	BL	BL	BL	---
(84)	Beige grey coating(support,thermostat) [7]	BL	BL	BL	BL	BL
(85)	Brown FPC(FPC,PCB"CA-HYT231MB-BW2-VBV5-1R") [8]	BL	BL	BL	BL	BL

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Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(86)	Silvery metal(shell,rotary knob,thermostat) [10][13][16]	BL	BL	BL	BL	---
(87)	White plastic(holder,rotary knob,thermostat) [10][13][16]	BL	BL	BL	BL	BL
(88)	Silvery metal(spring,battery holder) [11][15]	BL	BL	BL	BL	---
(89)*	White PCB("HY-530ZJ-V12-NT-V1.3") [12]	BL	BL	BL	BL	IN
(90)	Bright black plastic(base,thermostat) [14]	BL	BL	BL	BL	BL
(91)	Black printed transparent glass(screen,thermostat) [18][19][20][22]	BL	BL	BL	BL	BL
(92)	Black plastic(shell,thermostat) [18][19][20][22]	BL	BL	BL	BL	BL
(93)	Bright white plastic(back cover,thermostat) [21]	BL	BL	BL	BL	BL
(94)	White printed transparent plastic(shell,thermostat) [21][24]	BL	BL	BL	BL	BL
(95)	Yellow body(LED,PCB"CA-HY101MB-BW2-V220-1R-TWIT-OT") [24]	BL	BL	BL	BL	BL
(96)*	Silvery metal(connector,farad capacitor,PCB"CA-HY101MB-BW2-V220-1R-TWIT-OT") [24]	BL	BL	BL	IN	---
(97)	Silvery printed black plastic(shell,farad capacitor,PCB"CA-HY101MB-BW2-V220-1R-TWIT-OT") [24]	BL	BL	BL	BL	BL
(98)*	Silvery body(farad capacitor,PCB"CA-HY101MB-BW2-V220-1R-TWIT-OT") [24]	BL	BL	BL	IN	BL
(99)*	White PCB(PCB"CA-HY101MB-BW2-V220-1R-TWIT-OT") [24]	BL	BL	BL	BL	IN

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Seq No.	Tested Part(s)	Result				
		Pb	Cd	Hg	Cr	Br
(100)	Silvery solder(PCB"CA-HY101MB-BW2-V220-1R-TWIT-OT") [24]	BL	BL	BL	BL	---

Note:

- [1]HY101 BLACK
- [2]HY532 WHITE
- [3]HY27(BW) WHITE
- [4]HY27(WW) WHITE
- [5]ERV06
- [6]HY531(V1.1) WHITE
- [7]HYT213 WHITE
- [8]HYT213(BW) WHIITE
- [9]HY531/530 WHITE
- [10]HY533 WHITE
- [11]HY531(V1.7) WHITE
- [12]HY530 WHITE
- [13]HY26(V2.0) WHITE
- [14]HY101-BRIGHT BLACK
- [15]HY531-WIDE WHITE,battery
- [16]HY26(V2.5) WHITE
- [17]HY530B WHITE
- [18]HY530B BLACK
- [19]HY530 BLACK
- [20]HY531 BLACK
- [21]HY101 BRIGHT WHITE
- [22]HY531 WIDE WIDE BLACK
- [23]HY531 WIDE WHITE
- [24]HY101 WHITE

Note:

--- = Not Applicable.

* = Screening by XRF and detected by chemical method. The test result of chemical method please refer to next pages.

*1 = According to the material declaration provided by the client, the sample of test No. 17,46 are exempted accordance with Annex III 7(c)- I of directive 2011/65/EU. The exempt items of 7(c)- I in Annex III of Directive 2011/65/EU: Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound.

*2 = According to the material declaration provided by the client, the sample of test No. 6,43 are exempted accordance with Annex III 6 (c) of directive 2011/65/EU. The exempt items of Annex III 6(c) of directive 2011/65/EU: Copper alloy containing up to 4% lead by weight.

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Remark:

i Result were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013.

Element	Unit	Polymers	Metal	Composite Material
Cd	mg/kg	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 50 - 3\sigma < X < 150 + 3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700 - 3\sigma < X$	$BL \leq 700 - 3\sigma < X$	$BL \leq 500 - 3\sigma < X$
Br	mg/kg	$BL \leq 300 - 3\sigma < X$	--	$BL \leq 250 - 3\sigma < X$

Note:

BL = Below Limit

OL = Over Limit

IN/X = Inconclusive (questionable, need further chemical analysis)

ii The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

iii The maximum permissible limit is quoted from the RoHS directive 2011/65/EU:

Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominated diphenylethers (PBDEs)	1000

Disclaimers:

This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

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A.2 Wet Chemical Testing

A.2.1 Total Lead Content

Test method: IEC 62321-5:2013

Item	Unit	RL	Result			
			(6)	(17)	(43)	(46)
Lead(Pb)	mg/kg	10	10665	1411	12943	9112

A.2.2 Chromium VI (Cr(VI)) Content

Test method: IEC 62321-7-2:2017

Item	Unit	RL	Result		Limit
			(74)	(98)	
hexavalent chromium(Cr(VI))	mg/kg	10	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	/

Test method: IEC 62321-7-1:2015

Item	Unit	RL	Result					Limit
			(50)	(57)	(59)	(82)	(96)	
hexavalent chromium(Cr(VI))	µg/cm ²	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	See Remark
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Limit Remark:

- The sample is positive for CrVI if the CrVI concentration is greater than 0.13µg/cm². The sample coating is considered to contain CrVI
 - The sample is negative for CrVI if CrVI is ND (concentration less than 0.10µg/cm²). The coating is considered a non-CrVI based coating
 - The result between 0.10µg/cm² and 0.13µg/cm² is considered to be inconclusive -unavoidable coating variations may influence the determination
- For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

A.2.3 PBBs & PBDEs Content

Test method: IEC 62321-6:2015

Item	Unit	RL	Result						Limit
			(10)	(15)	(22)	(25)	(34)	(37)	
Monobromobiphenyl (MonoBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromobiphenyl(DiBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromobiphenyl(PentaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-

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Item	Unit	RL	Result						Limit
			(10)	(15)	(22)	(25)	(34)	(37)	
Heptabromobiphenyl (HeptaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromobiphenyl (OctaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromobiphenyl (NonaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromobiphenyl (DecaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	-
sum of MonoBDE, DiBDE, TriBDE, TetraBDE, PentaBDE, HexaBDE, HeptaBDE, OctaBDE, NonaBDE, DecaBDE	mg/kg	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
sum of MonoBB, DiBB, TriBB, TetraBB, PentaBB, HexaBB, HeptaBB, OctaBB, NonaBB, DecaBB	mg/kg	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result				Limit
			(47)	(65)	(76)	(77)	
Monobromobiphenyl (MonoBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-

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Item	Unit	RL	Result				Limit
			(47)	(65)	(76)	(77)	
Dibromobiphenyl(DiBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Tribromobiphenyl(TriBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl(TetraBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Pentabromobiphenyl(PentaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Hexabromobiphenyl(HexaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Octabromobiphenyl(OctaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Nonabromobiphenyl(NonaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Decabromobiphenyl(DecaBB)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
Decabromodiphenyl ether (DecaBDE)	mg/kg	10	N.D.	N.D.	N.D.	N.D.	-
sum of MonoBDE,DiBDE,TriBDE,TetraB DE,PentaBDE,HexaBDE,HeptaB DE,OctaBDE,NonaBDE,DecaBD E	mg/kg	-	N.D.	N.D.	N.D.	N.D.	1000

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Item	Unit	RL	Result				Limit
			(47)	(65)	(76)	(77)	
sum of MonoBB, DiBB, TriBB, TetraBB, PentaBB, HexaBB, HeptaBB, OctaBB, NonaBB, DecaBB	mg/kg	-	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result			Limit
			(80)	(89)	(99)	
Monobromobiphenyl (MonoBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Dibromobiphenyl (DiBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Tribromobiphenyl (TriBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Tetrabromobiphenyl (TetraBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Pentabromobiphenyl (PentaBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Hexabromobiphenyl (HexaBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Heptabromobiphenyl (HeptaBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Octabromobiphenyl (OctaBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Nonabromobiphenyl (NonaBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Decabromobiphenyl (DecaBB)	mg/kg	10	N.D.	N.D.	N.D.	-
Monobromodiphenyl ether (MonoBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
Dibromodiphenyl ether (DiBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
Tribromodiphenyl ether (TriBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
Tetrabromodiphenyl ether (TetraBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
Pentabromodiphenyl ether (PentaBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
Hexabromodiphenyl ether (HexaBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
Heptabromodiphenyl ether (HeptaBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
Octabromodiphenyl ether (OctaBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
Nonabromodiphenyl ether (NonaBDE)	mg/kg	10	N.D.	N.D.	N.D.	-

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Item	Unit	RL	Result			Limit
			(80)	(89)	(99)	
Decabromodiphenyl ether (DecaBDE)	mg/kg	10	N.D.	N.D.	N.D.	-
sum of MonoBDE, DiBDE, TriBDE, TetraBDE, PentaBDE, HexaBDE, HeptaBDE, OctaBDE, NonaBDE, DecaBDE	mg/kg	-	N.D.	N.D.	N.D.	1000
sum of MonoBB, DiBB, TriBB, TetraBB, PentaBB, HexaBB, HeptaBB, OctaBB, NonaBB, DecaBB	mg/kg	-	N.D.	N.D.	N.D.	1000
Conclusion	/	/	Pass	Pass	Pass	/

Note:

- N.D.= Not Detected or less than RL
- RL = Report Limit
- mg/kg = ppm
- The Result less than RL are not taken into account while calculating the sum contents.

A.3 Phthalates(DBP, BBP, DEHP, DIBP)Content

Test method: IEC 62321-8:2017

Item	Unit	RL	Result						Limit
			(1)+(2)+(3)+(7)+(9)	(8)+(17)+(18)+(19)+(25)	(10)+(11)+(20)+(26)+(27)	(15)	(22)	(24)+(74)+(98)	
Dibutyl Phthalate(DBP)	%	0.010	0.016	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Benzyl Butyl Phthalate(BBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Diisobutyl phthalate(DIBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result						Limit
			(29)+(33)+(34)+(37)+(40)	(44)+(45)+(52)+(53)+(67)	(47)	(49)+(54)+(55)+(58)+(61)	(62)+(63)+(71)+(75)+(87)	(64)	
Dibutyl Phthalate(DBP)	%	0.010	N.D.	N.D.	N.D.	0.030	N.D.	N.D.	0.1
Benzyl Butyl Phthalate(BBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Diisobutyl phthalate(DIBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

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Item	Unit	RL	Result						Limit
			(65)	(68)	(72)	(76)	(77)	(79)	
Dibutyl Phthalate(DBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Benzyl Butyl Phthalate(BBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Diisobutyl phthalate(DIBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result				Limit
			(80)	(84)	(85)	(89)	
Dibutyl Phthalate(DBP)	%	0.010	N.D.	0.012	N.D.	N.D.	0.1
Benzyl Butyl Phthalate(BBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.010	N.D.	N.D.	N.D.	N.D.	0.1
Diisobutyl phthalate(DIBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Item	Unit	RL	Result				Limit
			(90)+(92)+(93)+(94)+(97)	(91)	(95)	(99)	
Dibutyl Phthalate(DBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	0.1
Benzyl Butyl Phthalate(BBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.010	N.D.	N.D.	N.D.	N.D.	0.1
Diisobutyl phthalate(DIBP)	%	0.010	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than RL
- RL = Report Limit
- 0.1% = 1000 mg/kg, mg/kg = ppm
- "+" = Mixed, Composite test has been performed in equal proportion for the components/material per client requested. And the result is calculated using the minimum sample weight. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.

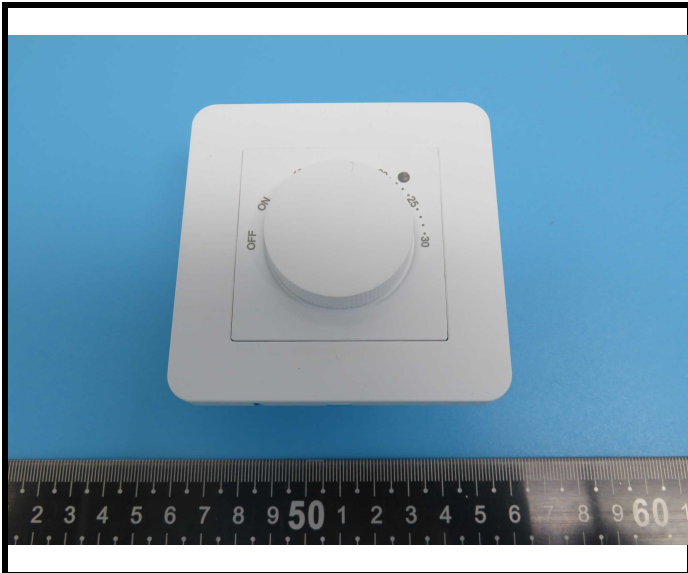
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Photograph of Sample

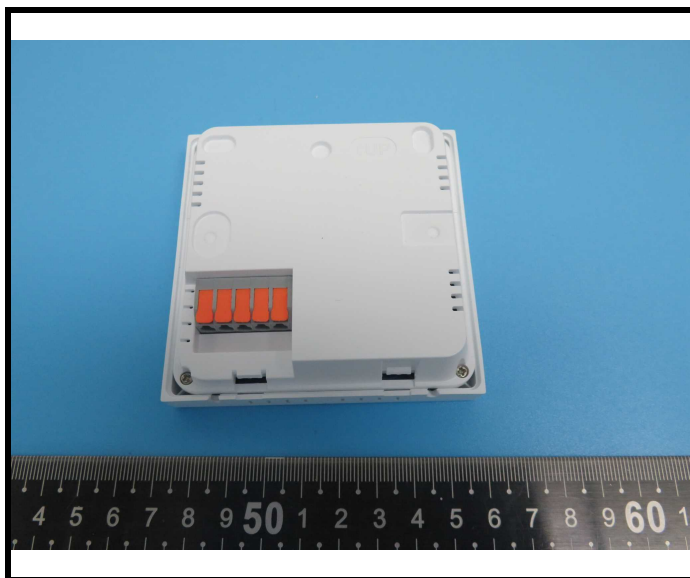
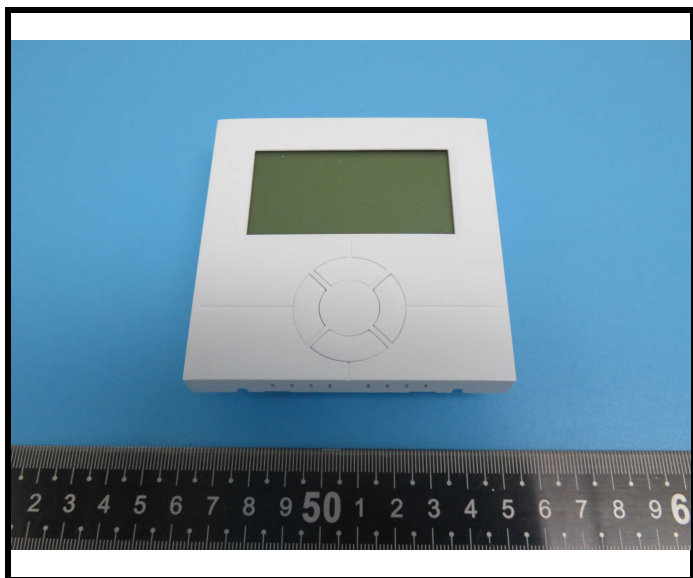
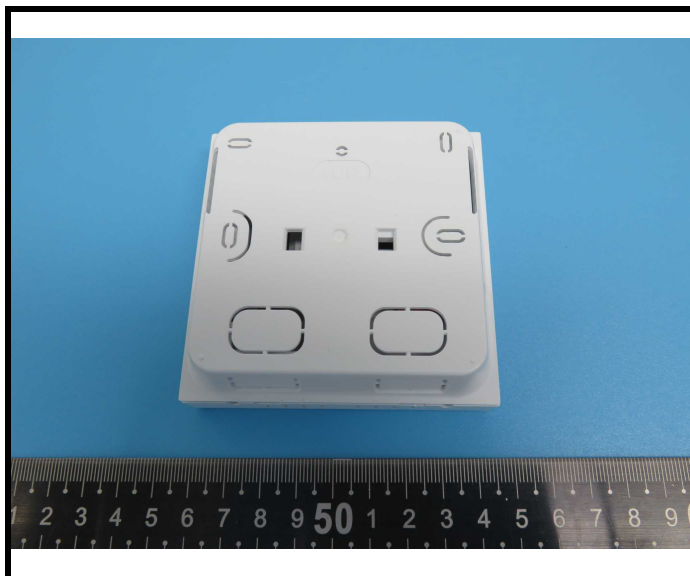
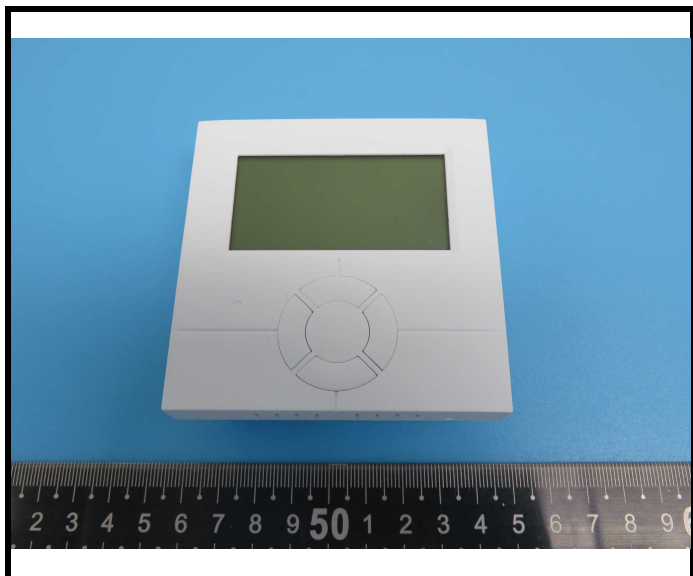


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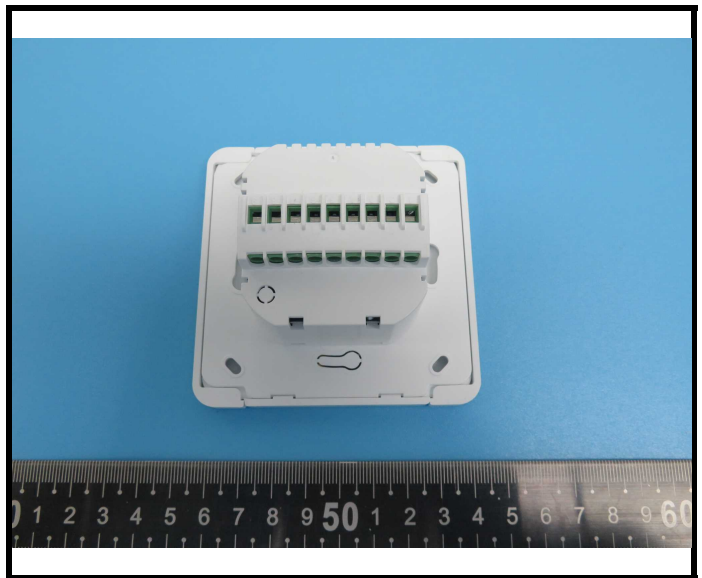


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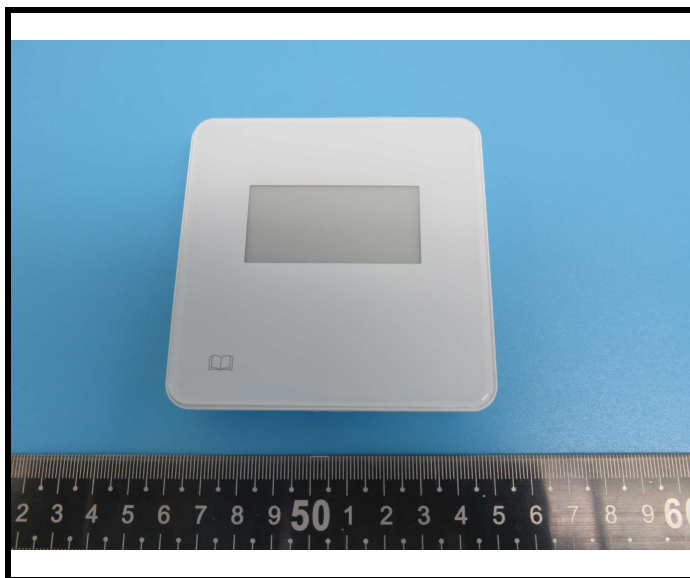
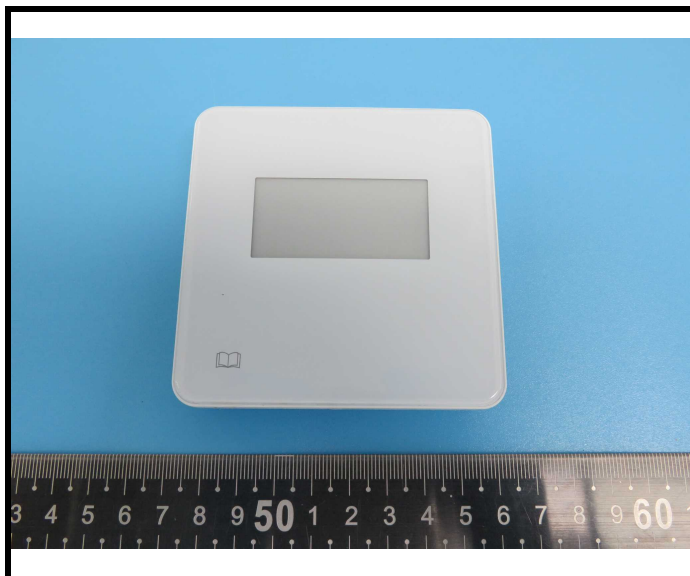
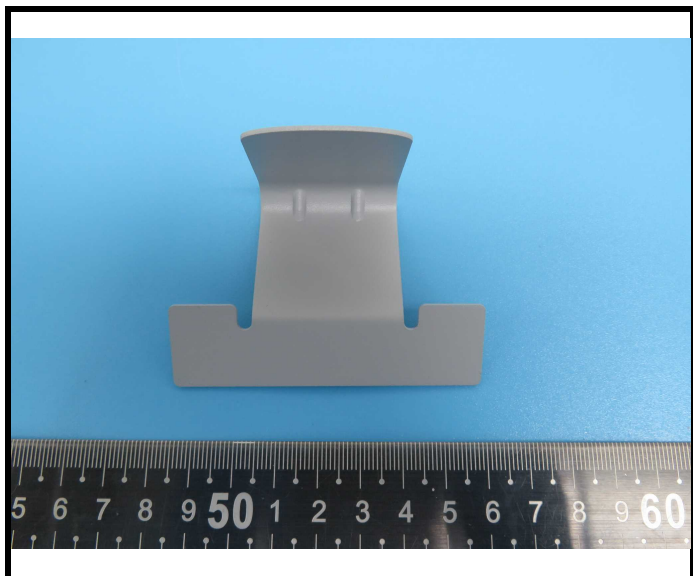


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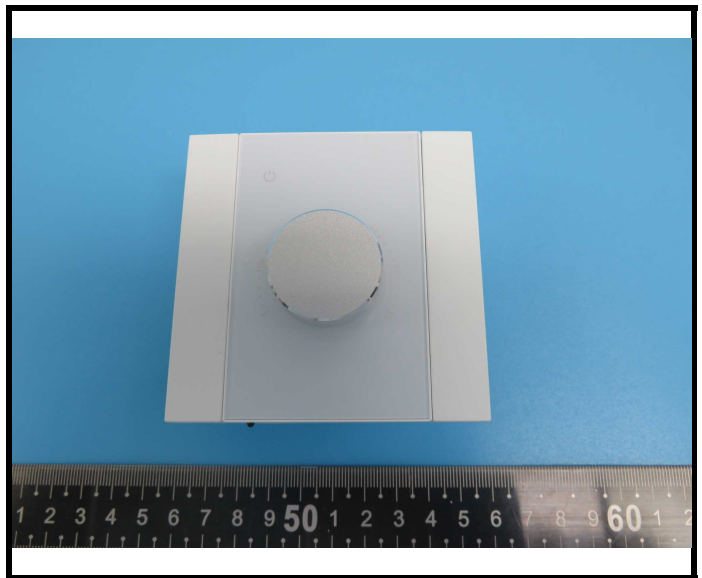
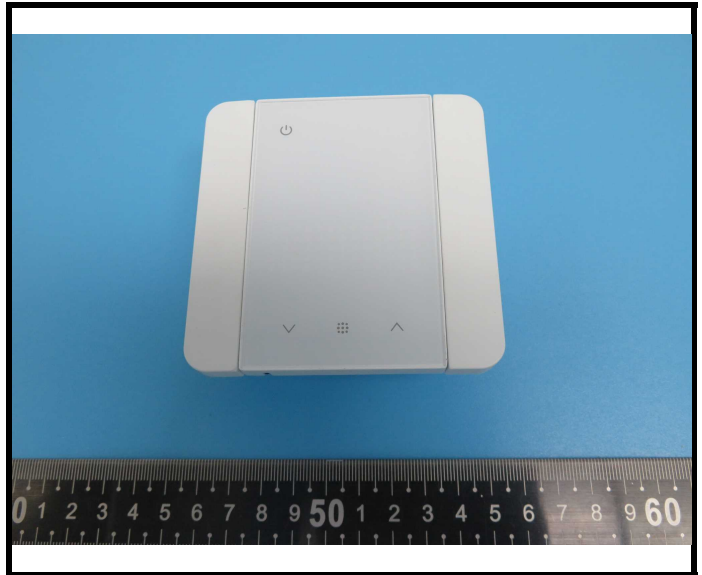
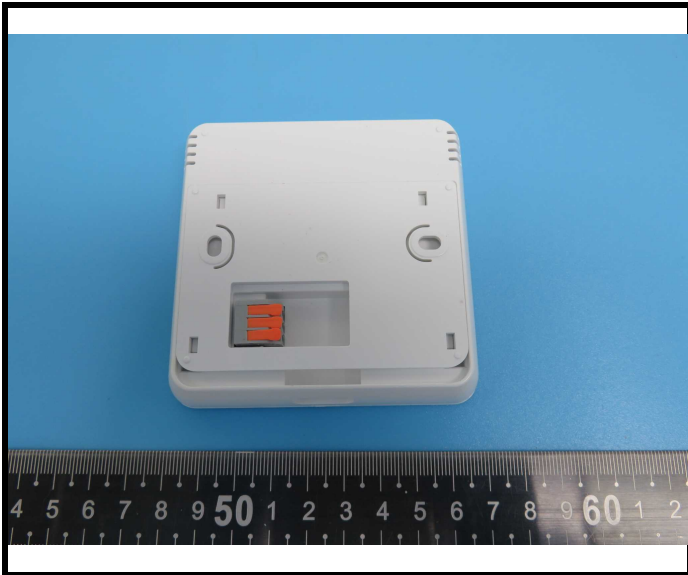


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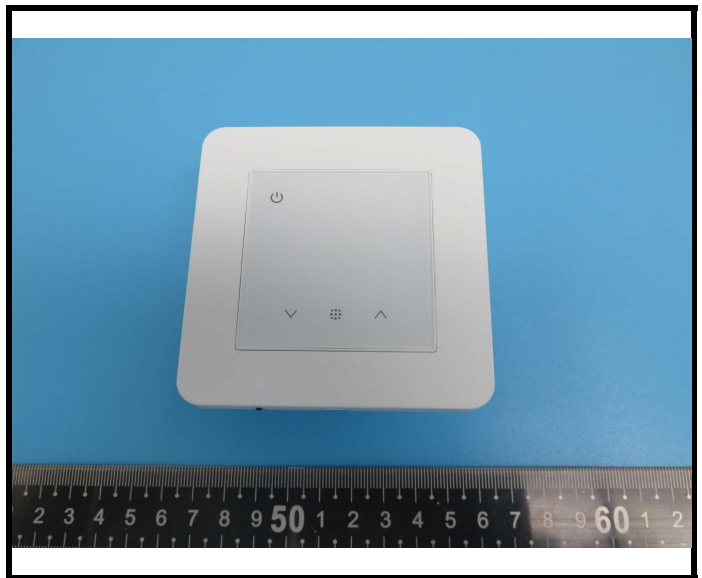
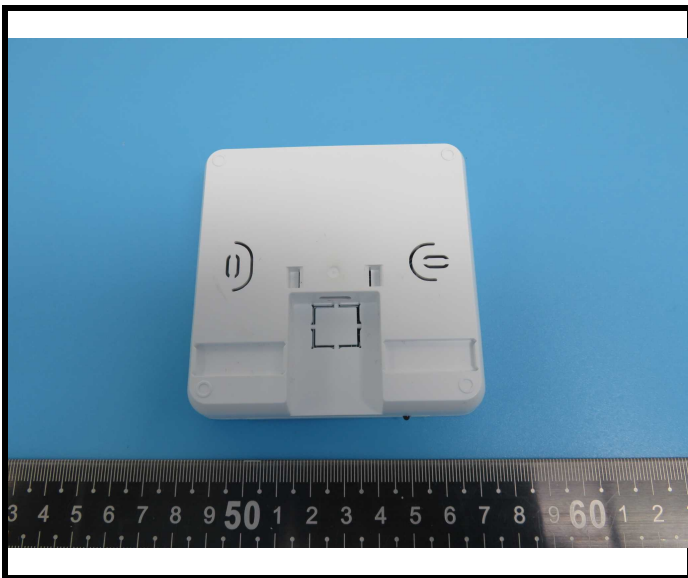
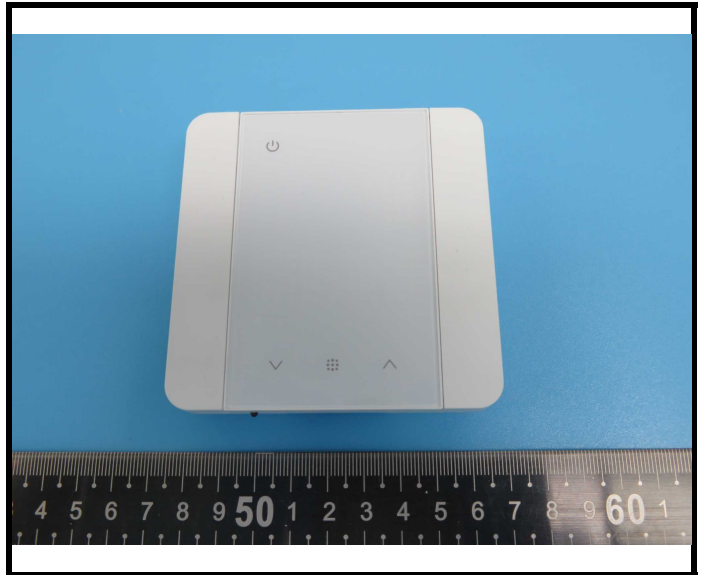
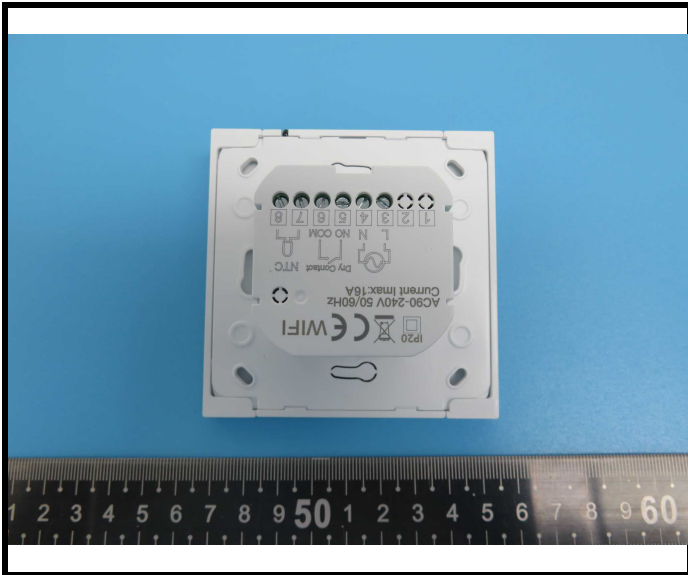


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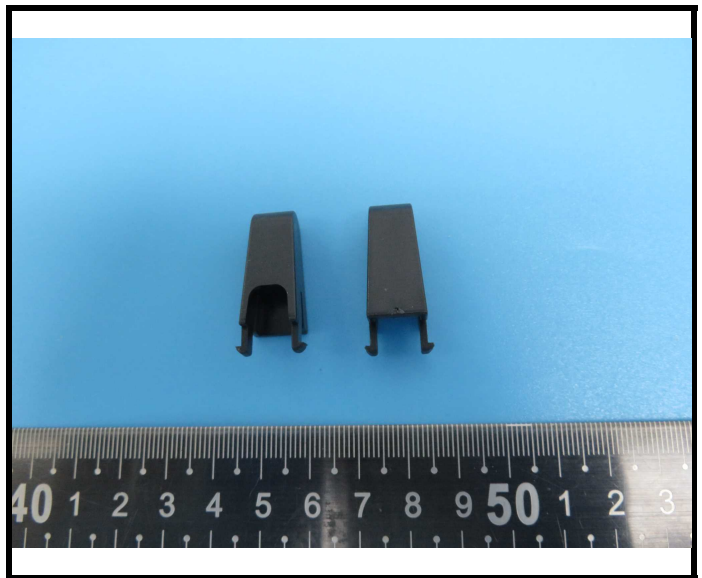
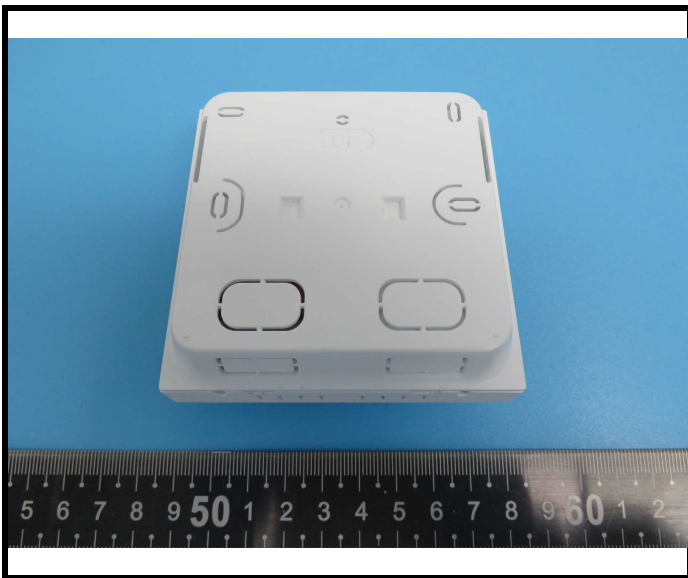
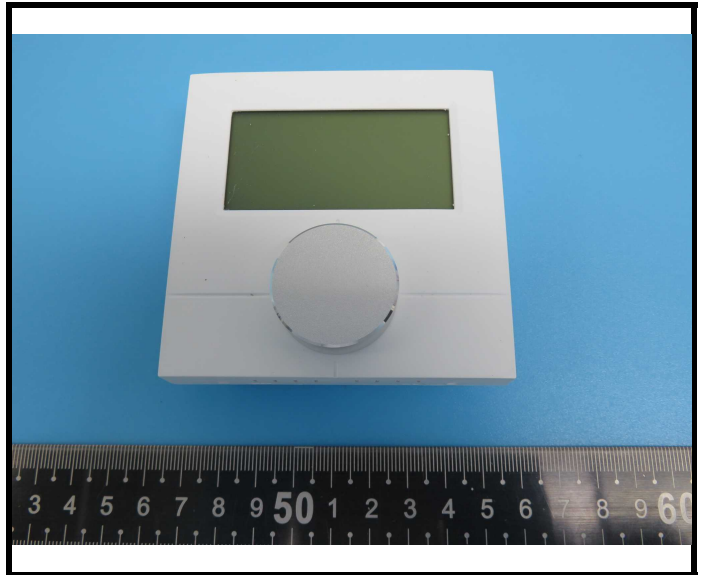


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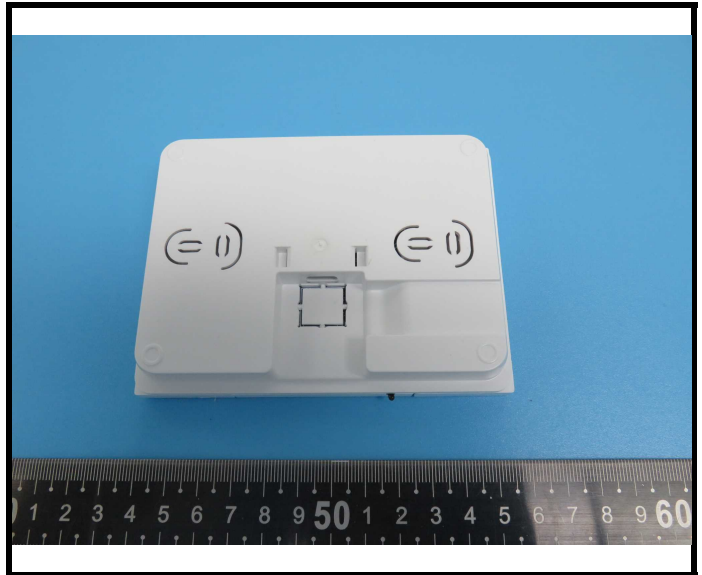
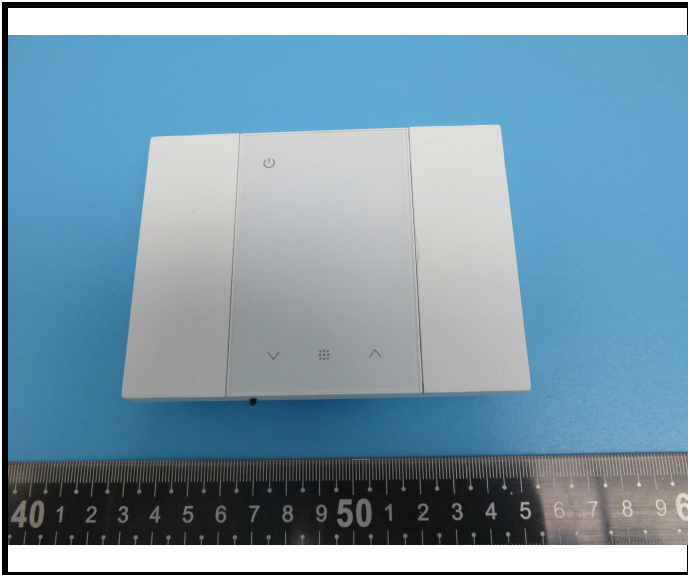
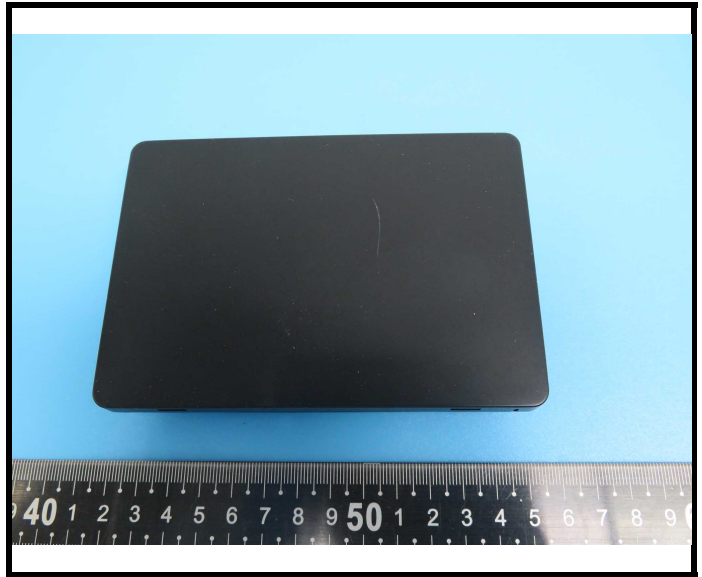


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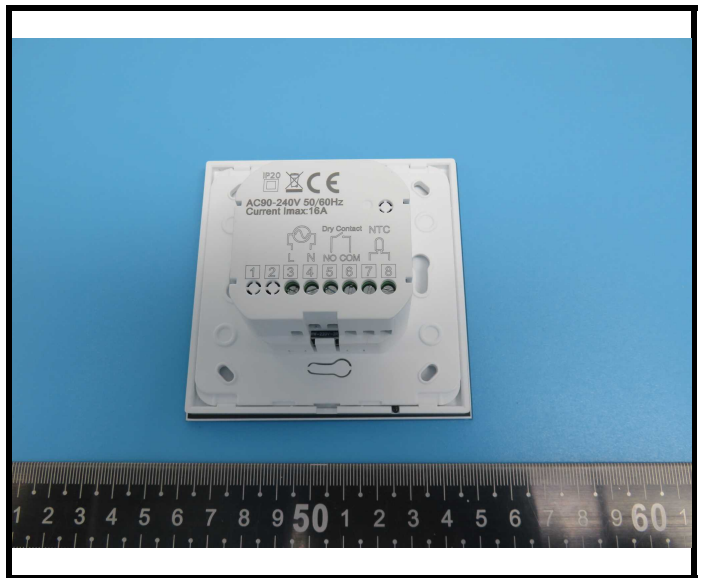
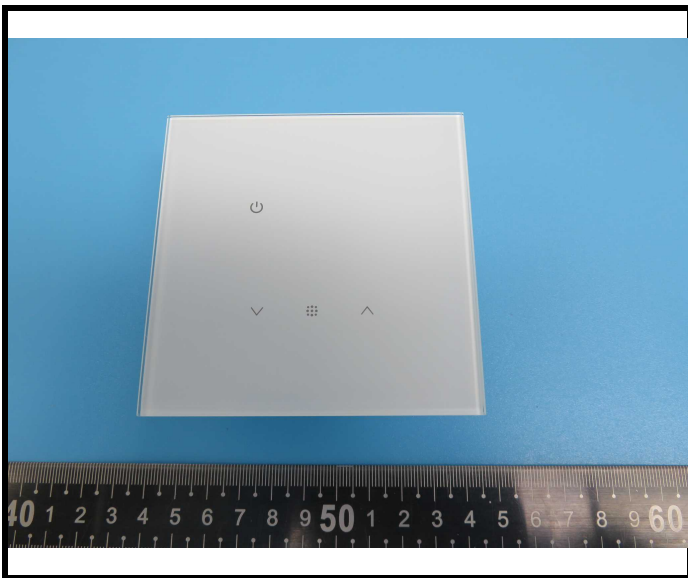
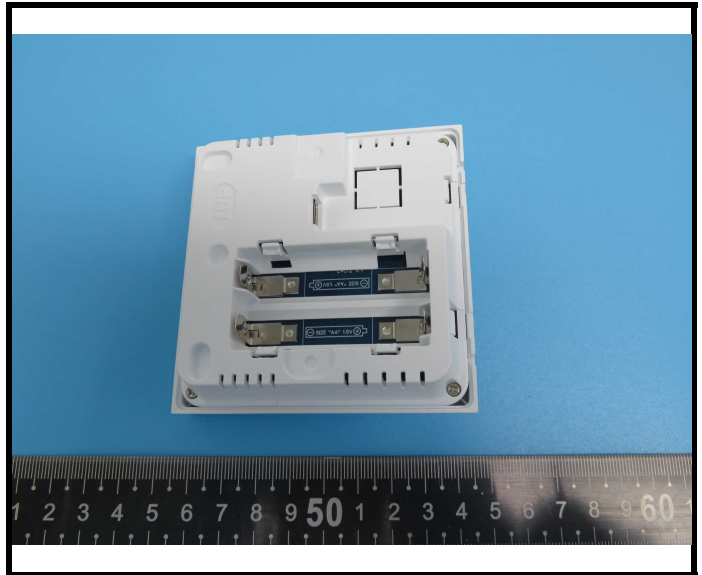
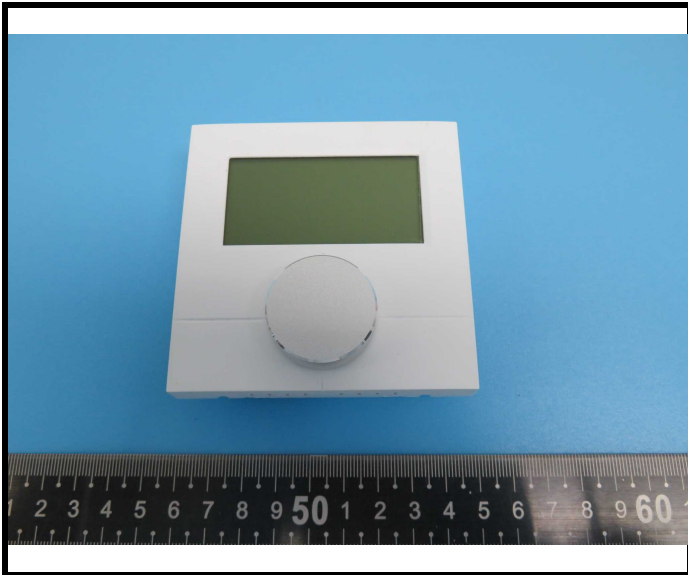


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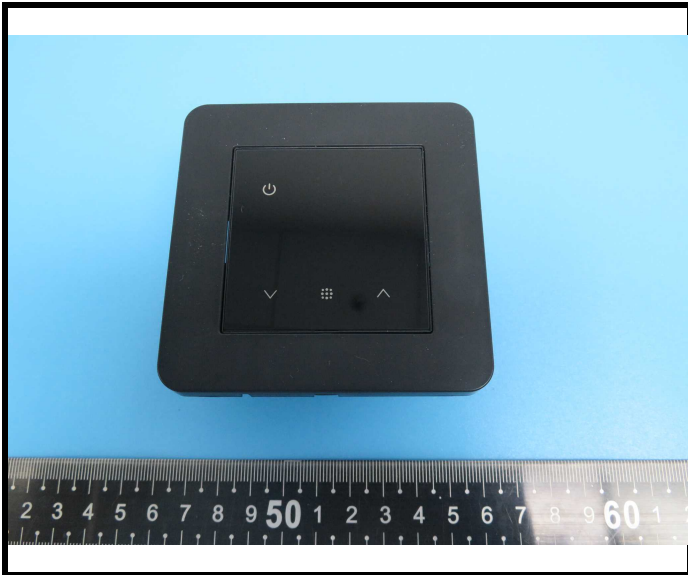
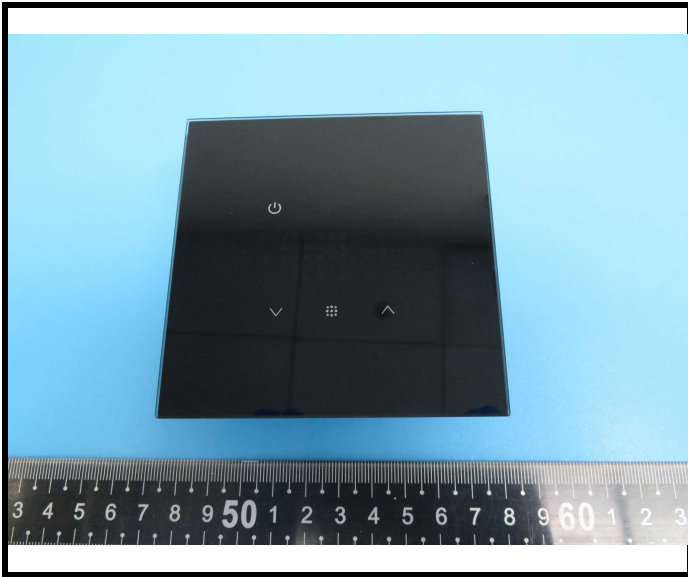


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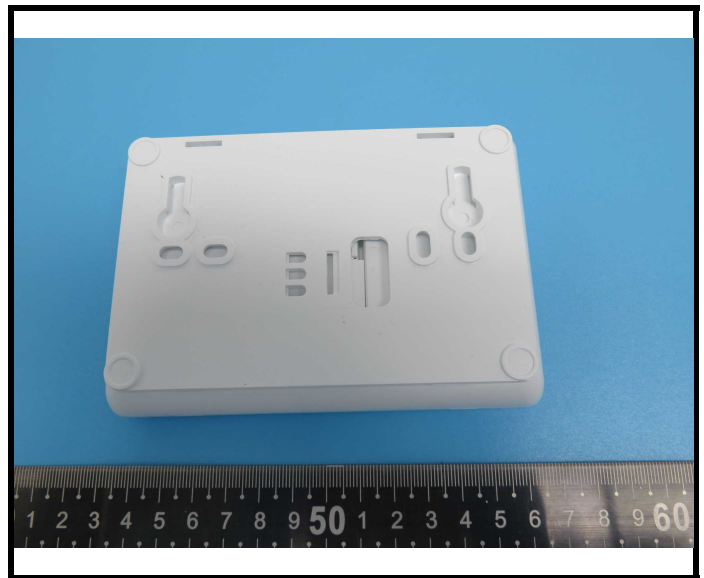
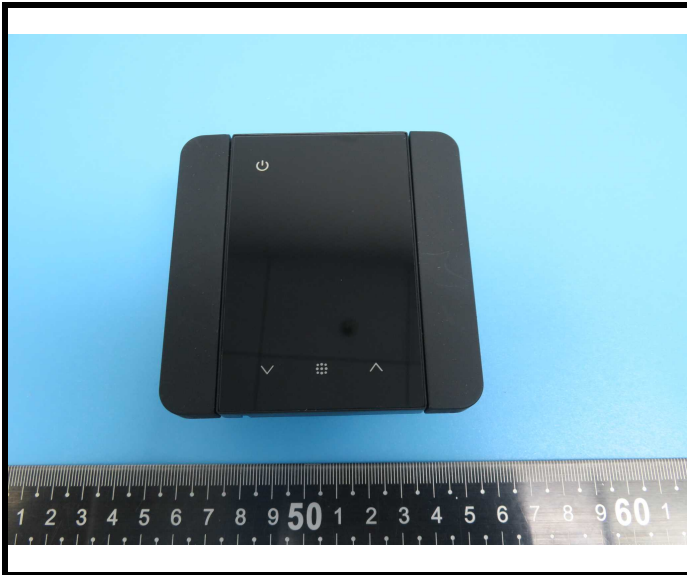


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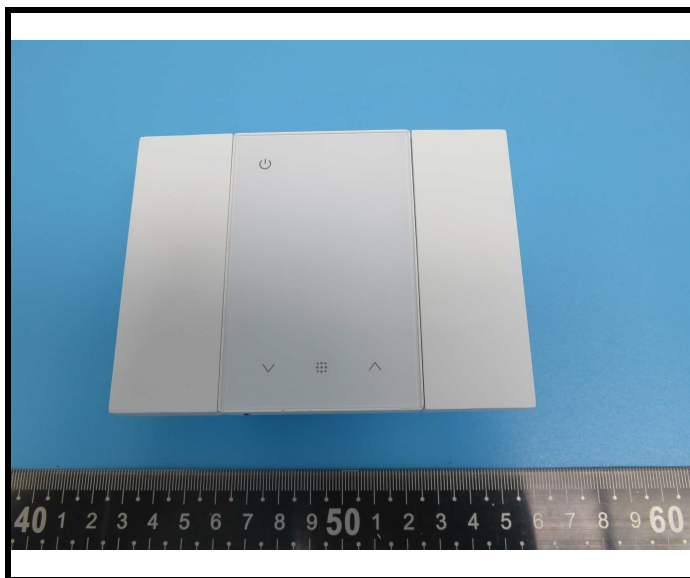
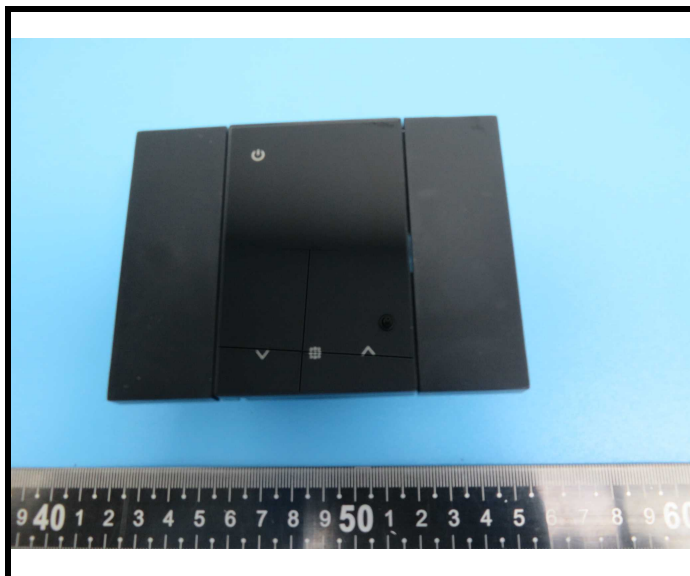
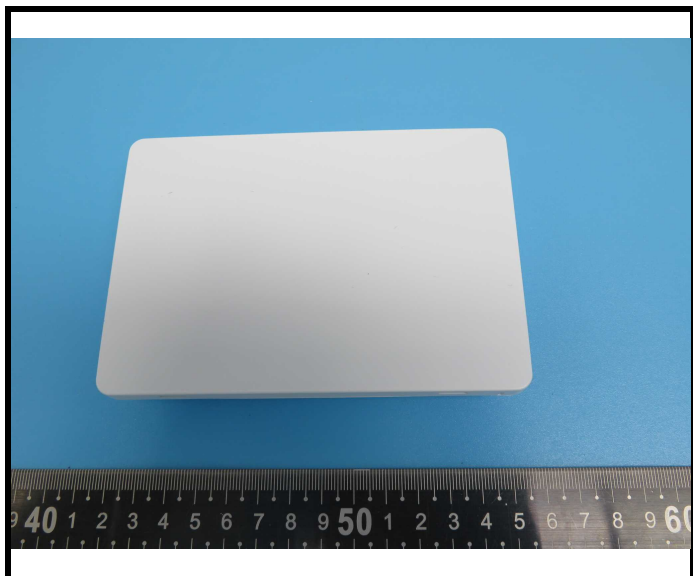


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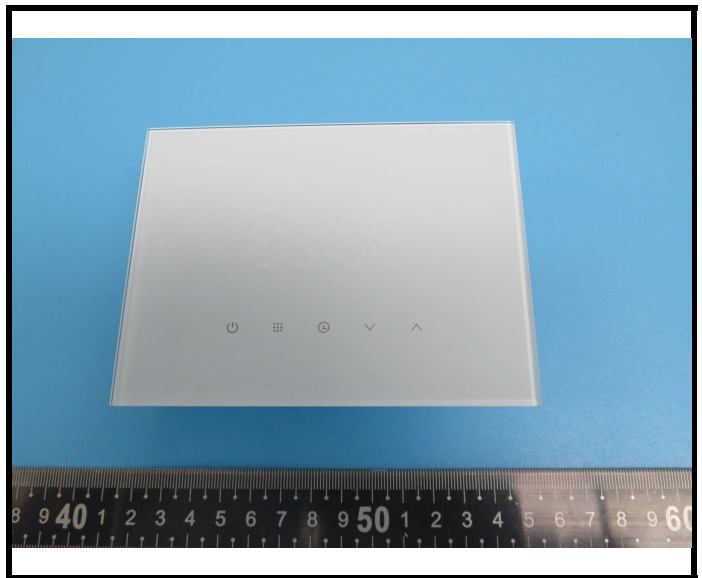
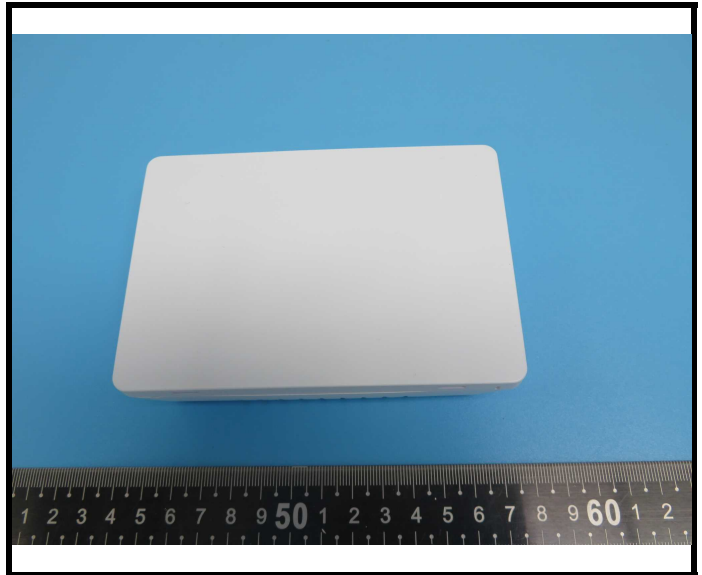
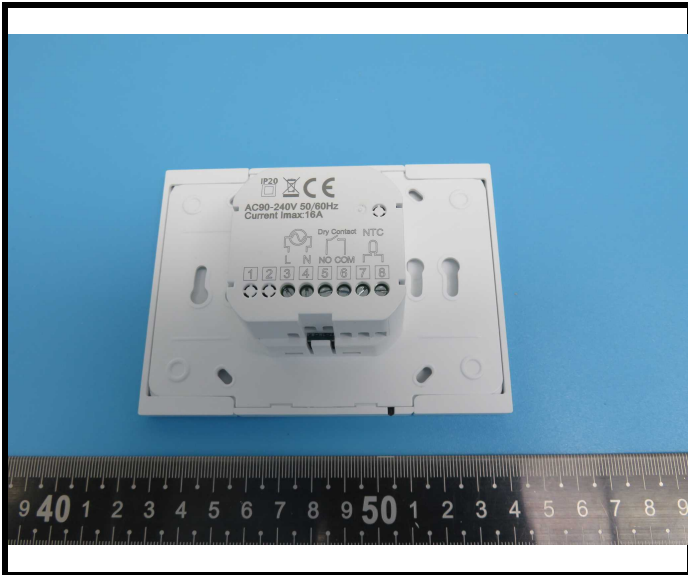


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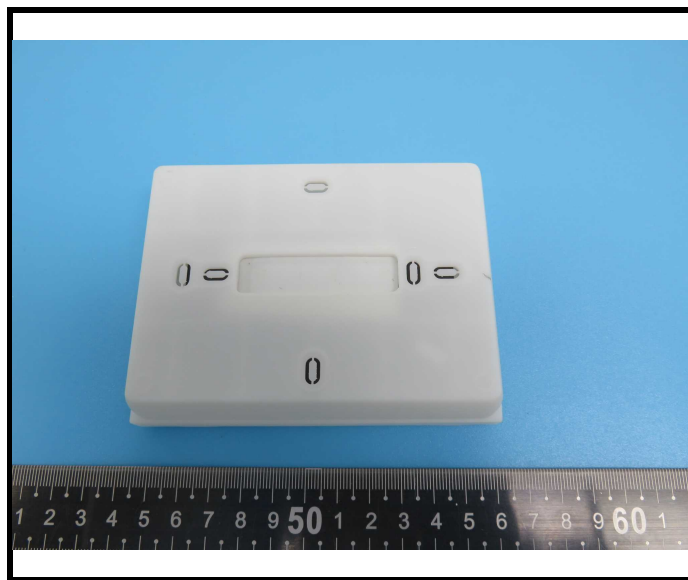
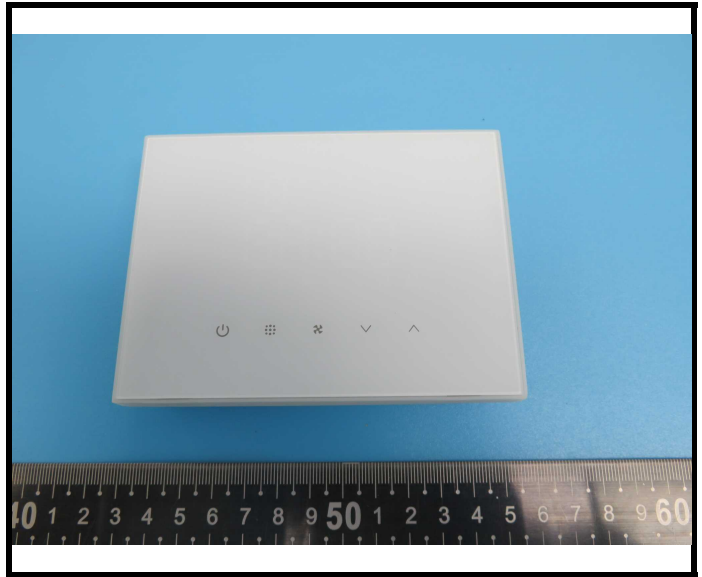
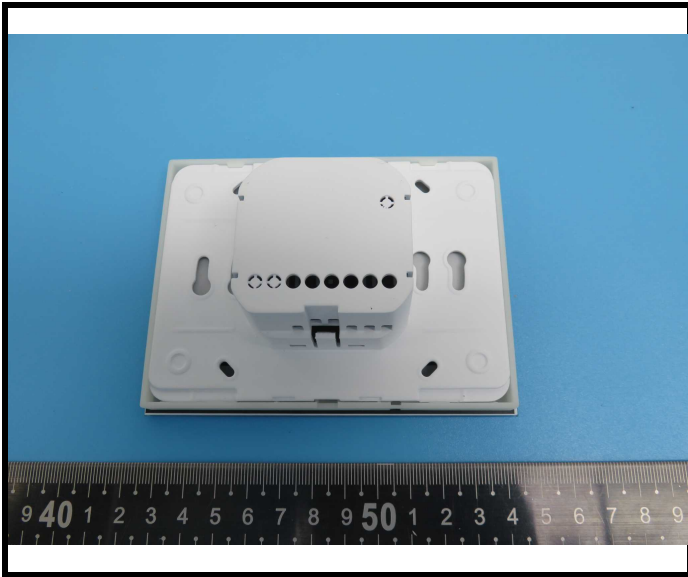


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Date: January 22, 2026

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Statement:

- 1.This report cannot be reproduced except in full, without prior written approval of the Company.
- 2.Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
- 3.This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0.
- 4.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
- 5.The information which provided by the applicant, such as sample description, sample name, material component, style/item No. , P.O. No. , manufacturer, age phase, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
- 6.The test samples were in good condition before testing.
- 7.The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

*** End of Report ***