

CERTIFICATE

Issued to:
Applicant:
Zhejiang Chint Electric Co., Ltd.
No.1, Chint Road, Chint Industrial Zone,
North Baixiang, Yueqing, Zhejiang, P.R.China

Manufacturer/Licensee:
Zhejiang Chint Electric Co., Ltd.
No.1, Chint Road, Chint Industrial Zone,
North Baixiang, Yueqing, Zhejiang, P.R.China

Product(s) : Push button switch
Trade name(s) : CHINT
Type(s)/model(s) : NP2 Series

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60947-5-1:2004;
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 2032236

DEKRA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: 29 September 2011 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 2137431.01

DEKRA Certification B.V.

drs. G.J. Zoetbrood
Managing Director

F.S. Strikwerda
Certification Manager

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ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION

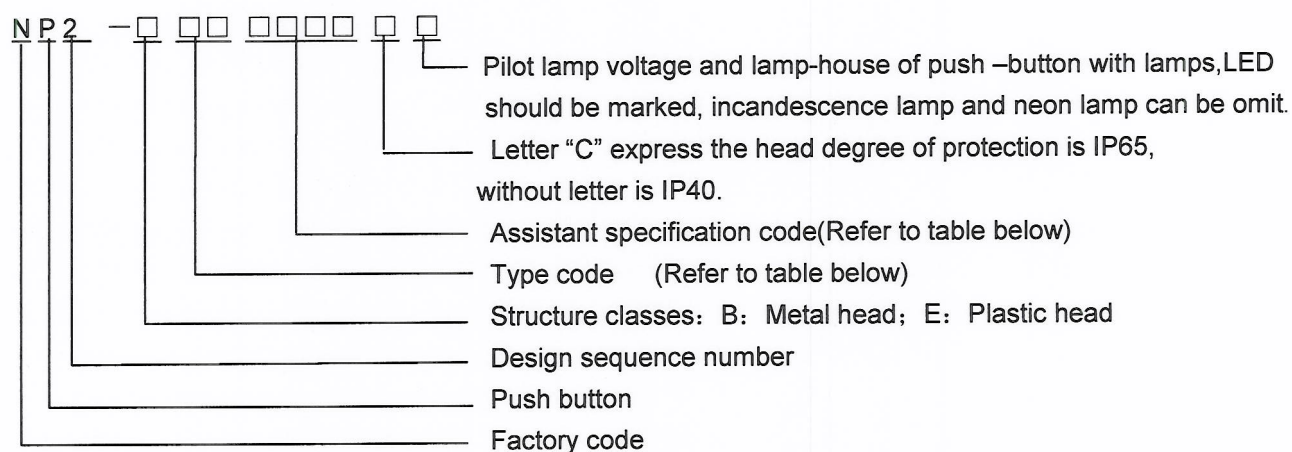


SPECIFICATION OF THE CERTIFIED PRODUCT

Product data

product	:	Push button switch
trade name(s)	:	CHINT
type(s)	:	NP2 Series
rated current (Ie)	:	AC-15: 1,9 A / 415 Vac 2,5 A / 380 Vac 3 A / 240 Vac 4,5 A / 220 Vac DC-13: 0,27 A / 250 Vdc 0,3 A / 220 Vdc 0,55 A / 125 Vdc 0,6 A / 110 Vdc 1,6 A / 50 Vdc
utilization category	:	AC-15 or DC-13
number of poles	:	1 pole or 2 poles
rated voltage (Ue)	:	415 / 380 / 240 / 220 Vac 250 / 220 / 125 / 110 / 50 Vdc
rated conditional short-circuit current	:	1000 A
type of contact elements	:	Form X, Form Y
control switches with direct opening action	:	
mounting hole diameter	:	Φ 22
ambient temperature	:	-5° C - +40 °C
method of mounting	:	single hole mounted push-buttons and indicator lights
degree of protection against moisture	:	IP40 or IP65 for head protection
connection	:	screw type terminals

Explanation of model/ type :



Type code	Assistant specification code		
A: Flush button Spring return L: High button Spring return Letter "Z" behind is self-locking	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	31: With sign I ; 32: With sign  34: With sign ↓; 35: With sign ↑; 36: With sign II ; Unsigned button , this two number elided	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO&1NC
C: φ 40 mushroom button Spring return R: φ 60 mushroom button Spring return P: push button with cover Letter "Z" behind is self-locking	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO&1NC	
T: Mushroom button, stay-up, pull to reset, φ40 X: Mushroom button, stay-up, pull to reset, φ60	4: Red	2: 1NC	
D: Selector button with rotary knob J: Selector button with rotary handle G: Key operated rotary button	2: Two positions locked 3: Three positions locked 4: Two positions reset 5: Three positions reset 7: Three positions left reset right locked 8: Three positions right reset left locked	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO&1NC	
S: Mushroom button stay-up, rotated to reset	Turn restoration 4: φ30 5: φ40 6: φ60 Key restoration 7: φ30 1: φ40 2: φ60	3: Green 4: Red 5: Yellow	2: 1NC
L8: Double-headed button	3: Flush button 4: Flush button +high button	2: Red + Green	5: 1NO&1NC
W1: illuminated reset high button W3: illuminated button W4: illuminated mushroom- headed reset button Letter "Z" behind is self-locking	1: White 2: Black 3: Green 4: Red 5: Yellow 6: Blue	4: 220V transformer type 5: 380V transformer type 6: Direct 8: RC type	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO&1NC

Type code	Assistant specification code		
W8: illuminated Double-headed button	3: Flush button 4: Flush button + high button	4: 220V transformer type 5: 380V transformer type 6: Direct type 8: RC type	5: 1NO&1NC
K1: Knob with lamps	2: Two position locked 3: Three position locked	1: white 3: green 4: red 5: yellow 6: blue 4: 220V transformer type 5: 380V transformer type 6: Direct type 8: RC type	1: 1NO 2: 1NC 3: 2NO 4: 2NC 5: 1NO&1NC
V: Indicator light	4: 220V transformer type 5: 380 transformer type 6: Direct type 8: RC type	1: White 3: Green 4: Red 5: Yellow 6: Blue	
V1: Economic indicator light	6: Direct type	1: White 3: Green 4: Red 5: Yellow 6: Blue	
BE101(no construction code) BE102(no construction code)	NO contact NC contact		
Direct type voltage: LED:AC/DC 6 V, 12 V, 24 V, 36 V, 48 V, 110 V, 220 V, 230 V, 240 V, 380 V. incandescent lamp: AC/DC 6 V, 12 V, 24 V, 36 V, 48 V, neon lamp : AC/DC 110 V, 220 V, 230 V, 240 V, 380 V. RC-type voltage: AC 220 V, AC 380 V.			

Type code of button with box (No construction code)	Meaning of the type code		
	Configure	Sign	Color of the cover
B101H29	Green flush button, 1NO	Scutcheon sign: START	French grey
B102	Green flush button, 1NO	Push button sign: I	French grey
B103	Green flush button, 1NO	Push button sign: START	French grey
B111H29	Red flush button, 1NC	Scutcheon sign: STOP	French grey
B112	Red flush button, 1NC	Push button sign: O	French grey
B114	Red flush button, 1NC	Push button sign: STOP	French grey
B174H29	Red ϕ 40 mushroom button self-locking, knob reset, 1NC	Scutcheon sign: STOP	French grey
J174 H29	Red ϕ 40 mushroom button self-locking, knob reset, 1NC	Scutcheon sign: STOP	yellow
J174	Red ϕ 40 mushroom button self-locking, knob reset, 1NC		yellow
J184	Red ϕ 40 mushroom button self-locking, key reset, 1NC		yellow
B132H29	Two positions locking knob, 1NO	Scutcheon sign : STOP, START	French grey
B142H29	Two positions locking key button, 1NO	Scutcheon sign : STOP, START	French grey
B211H29	Green flush button 1NO Red flush button 1NC	Scutcheon sign : START, STOP	French grey
B213	Green flush button 1NO Red flush button 1NC	Push button sign: I O	French grey
B215	Green flush button 1NO Red flush button 1NC	Push button sign : START, STOP	French grey

B222	White flush button 1NO Black flush button 1NO	Push button sign: ↑ ↓	French grey
B223	White flush button 1NO Black flush button 1NO	Push button sign: → ←	French grey
B311H29	green flush button 1NO red flush button 1NC green flush button 1NO	scutcheon sign: FORWARD, STOP, REVERSE	French grey
B321H29	green flush button 1NO red flush button 1NC green flush button 1NO	scutcheon sign: UP, STOP, DOWN	French grey
B341H29	green flush button 1NO red flush button 1NC green flush button 1NO	scutcheon sign: OPEN, STOP, CLOSE	French grey
B339	green flush button 1NO red flush button 1NC black flush button 1NO	push button sign: I ○ II	French grey
B324	white flush button 1NO red flush button 1NC black flush button 1NO	push button sign: ↑ ○ ↓	French grey
B334	white flush button 1NO red flush button 1NC black flush button 1NO	push button sign: → ○ ←	French grey
B361H29	Red pilot lamp, 220V neon lamp, direct type green flush button 1NO red flush button 1NC	Scutcheon sign: START, STOP	French grey

B363	Red pilot lamp, 220V neon lamp, direct type green flush button 1NO red flush button 1NC	push button sign: I ○	French grey
B366	Red pilot lamp, 220V neon lamp, direct type green flush button 1NO red flush button 1NC	Push button sign : START, STOP	French grey
B0, B02, B03	Empty boxes, of which there is one hole, two holes and three holes.		
enclosure: normally opened contact, normally closed contact			

TESTS

Test requirements

EN 60947-5-1:2004 + A1:2009

Test result

The test results are laid down in DEKRA test file 2137431.01 and test report 3301042.50.

Remarks

This certificate replaces the certificate 2137431.01 dated 9 December 2010.

Conclusion

The examination proved that all test requirements were met.

Tested by : James Zhou



Checked by : Eric Wang



Factory locations

Zhejiang Chint Electrics Co., Ltd.
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