



# CERTIFICATE

## FOR EUROPEAN PRODUCT SAFETY

Reference No. SE-S-2400091

### Control circuit devices and switch elements

**Type designation:** NP8, NPH1

**Certificate holder:** Zhejiang Chint Electrics Co., Ltd.  
No.1 Chint Road, Chint Industrial Zone North Baixiang, Yueqing,  
Zhejiang Province, P.R.China

**The product complies with the standard(s):** EN 60947-5-1:2017

**Date of expiry:** 23 January, 2029

**EU Directive information:** According to the principle of presumption of conformity, this certificate constitutes support for an EU Declaration of Conformity to the Low Voltage Directive 2014/35/EU.

Additional information in Appendix

**Certification Body:** Intertek Semko AB, Product Certification

**Place:** Kista - Stockholm

**Signed:**


**Date:** 23 January, 2024

Anneli Averland Johansson

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### Technical Data:

Type designation	NP8, NPH1
Rated voltage (V)	120V~, 240V~, 415V~ 125V d.c., 250V d.c., 24V d.c.
Rated current (A)	AC-15: AC 415V/1,9A, AC 240V/3A, AC 120V/6A DC-13: DC 250V/0,27A, DC 125V/0,55A, DC 24V/6A
Frequency (Hz)	50/60Hz (only for AC ratings)
IP-Class	IP65 (NP8: for head part after normal installation), IP65 (NPH1: after normal installation)
Trademark	
Test Report	2311A0744SHA-001, 2311A0744SHA-002
Product information	

Type			NP8, NPH1		
Utilization Category	AC-15	Ue (V)	AC 415	AC 240	AC 120
		Ie (A)	1,9	3	6
	DC-13	Ue (V)	DC 250	DC 125	DC 24
		Ie (A)	0,27	0,55	6
Ith (A)			10		
IP code			IP65 (NP8: for head part after normal installation) IP65 (NPH1: after normal installation)		
Ratings for illuminated push buttons:					
Type of lamp			LED lamp		
Ue (V)			AC/DC 6, 12, 24, 36, 110, 220, 230 AC 110~230		
Ie (A)			≤ 20mA		
Note: All types of push buttons are operated by manual and have the same basic contact block. No. of circuit: 1, 2 and 3.					

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Explanation of type designation:

N	P	8	-	□	□	□	/	□
(1)	(2)	(3)		(4)	(5)	(6)		(7)
(1)				Enterprise characteristic code				
(2)				Push button				
(3)				Design serial number				
(4)				Number of open contacts (expressed in numbers)				
(5)				Number of closed contacts (expressed in numbers)				
(6)				Type code (see Table 1)				
(7)				Auxiliary code (see Table 1)				
N	PH	1	-	□	□	□		
(1)	(2)	(3)		(4)	(5)	(6)		
(1)				Company code				
(2)				Push button boxes				
(3)				Design number				
(4)				Spec code: figures stand for quantity of mounted electric components *				
(5)				Code of allocation plan for electric components *				
(6)				blank: light grey cap J: yellow cap				
* see Table for details								

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Table 1

Code	Designation	Auxiliary Code		Notes
BN	Flush button	1 (white) 2 (black) 3 (green) 4 (red)	-	-
GN	Projecting button	5 (yellow) 6 (blue)	-	-
M	Mushroom headed reset button	Max. diameter of operating mechanism: 1: $\Phi$ 40 2: $\Phi$ 60 3: $\Phi$ 30	1 (white) 2 (black) 3 (green) 4 (red) 5 (yellow) 6 (blue)	-
ZS	Mushroom headed self-locking and rotary reset button		4 (red)	-
MD	Illuminated mushroom headed reset button		1 (white) 3 (green) 4 (red) 5 (yellow) 6 (blue) 7 (orange)	-
SD	Illuminated double-headed button			-
XD	Illuminated rotary button	21: two position locking 22: two position reset		-
X	Rotary button	31: three position locking 33: three position reset	1 (white) 2 (black) 3 (green) 4 (red) 5 (yellow) 6 (blue)	-
Y	Keyed button	37: left position locking right position reset 38: right position locking left position reset	-	-
S	Double headed button	-	-	Red button + green button White button + black button
BND	Illuminated flush button	1 (white) 3 (green) 4 (red) 5 (yellow) 6 (blue) 7 (orange)	-	-
GND	Illuminated projecting button		-	-
D	Indicator light		-	-
CMNO	Open contact module	-	-	Single module, default number of contacts
CMNC	Closed contact module	-	-	
LEDM	Light emitting module	1 (white) 3 (green) 4 (red) 5 (yellow) 6 (blue) 7 (orange)	-	

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Table 2

Type	Electric components allocation				
	Operating mechanism	Quantity	Function	Contact status	Colour code
NPH1-CMNO	Open contact module				
NPH1-CMNC	Closed contact module				
NPH1-10J	One hole bare box, matched with IP65 products, yellow cap				
NPH1-10	One hole bare box, matched with IP65 products, light grey cap				
NPH1-1001 NPH1-1001J	Flush button type	1	Flush-headed instantaneous button	1NO	Green
NPH1-1002 NPH1-1002J	Flush button type	1	Flush-headed instantaneous button with symbol	1NO	Green
NPH1-1003 NPH1-1003J	Flush button type	1	Flush-headed instantaneous button	1NC	Red
NPH1-1004 NPH1-1004J	Flush button type	1	Flush-headed instantaneous button with symbol	1NC	Red o
NPH1-1005 NPH1-1005J	Mushroom-headed	1	40 mushroom-headed instantaneous button	1NO	Green
NPH1-1006 NPH1-1006J	Mushroom-headed	1	40 mushroom-headed instantaneous button	1NC	Red
NPH1-1007 NPH1-1007J	Rotary button type	1	One rotary switch for selection, two positions locking button	1NO	Black
NPH1-1008 NPH1-1008J	Rotary button type	1	One rotary switch for selection, three positions locking button	2NO	Black
NPH1-1009 NPH1-1009J	Self-locking type	1	40 mushroom-headed locking through press, rotary reset button	1NC	Red
NPH1-1010 NPH1-1010J	Self-locking type	1	60 mushroom-headed locking through press, rotary reset button	1NC	Red
NPH1-1011 NPH1-1011J	Key type	1	One key type switch for selection, two positions locking button	1NC	-
NPH1-20J	Two holes bare box, matched with IP65 products, yellow upper cover				
NPH1-20	Two holes bare box, matched with IP65 products, light grey upper cover				
NPH1-2001 NPH1-2001J	Flush button type	1	Flush-headed instantaneous button	1NO	Green
	Flush button type	1	Flush-headed instantaneous button	1NC	Red
Type	Electric components allocation				

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	Operating mechanism	Quantity	Function	Contact status	Colour code
NPH1-2002 NPH1-2002J	Flush button type	1	Flush-headed instantaneous button	1NO	Green
	Flush button type	1	Flush-headed instantaneous button	1NC	Red ○
NPH1-2003 NPH1-2003J	Flush button type	1	Flush-headed instantaneous button	1NO	White →
	Flush button type	1	Flush-headed instantaneous button	1NC	Black ←
NPH1-2004 NPH1-2004J	Flush button type	1	Flush-headed instantaneous button	1NO	White ↑
	Flush button type	1	Flush-headed instantaneous button	1NC	Black ↓
NPH1-30J	Three holes bare box, matched with IP65 products, yellow upper cover				
NPH1-30	Three holes bare box, matched with IP65 products, light grey upper cover				
NPH1-3001 NPH1-3001J	Flush button type	1	Flush-headed instantaneous button	1NO	Green
	Flush button type	1	Flush-headed instantaneous button	1NC	Red
	Flush button type	1	Flush-headed instantaneous button	1NO	Green
NPH1-3002 NPH1-3002J	Flush button type	1	Flush-headed instantaneous button	1NO	Green
	Flush button type	1	Flush-headed instantaneous button	1NC	Red ○
	Flush button type	1	Flush-headed instantaneous button	1NO	Green
NPH1-3003 NPH1-3003J	Flush button type	1	Flush-headed instantaneous button	1NO	White →
	Flush button type	1	Flush-headed instantaneous button	1NC	Red ○
	Flush button type	1	Flush-headed instantaneous button	1NO	Black ←
NPH1-3004 NPH1-3004J	Flush button type	1	Flush-headed instantaneous button	1NO	White ↑
	Flush button type	1	Flush-headed instantaneous button	1NC	Red ○
	Flush button type	1	Flush-headed instantaneous button	1NO	Black ↓
Type	Electric components allocation				
	Operating mechanism	Quantity	Function	Contact status	Colour code
NPH1-3005 NPH1-3005J	Flush button type	1	Flush-headed instantaneous button	1NO	Green

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	Flush button type	1	Flush-headed instantaneous button	1NC	Red
	Indicator light type	1	6~230V indicator light	-	White, Green, Red, Yellow, Blue
NPH1-3006 NPH1-3006J	Flush button type	1	Flush-headed instantaneous button	1NO	Green
	Flush button type	1	Flush-headed instantaneous button	1NC	Red ○
	Indicator light type	1	6~230V indicator light	-	White, Green, Red, Yellow, Blue

### Manufacturing Sites:

Zhejiang Chint Electrics Co., Ltd.  
No.1 Chint Road, Chint Industrial Zone, North Baixiang, Yueqing,  
Zhejiang Province, P.R.China

According to the principle of presumption of conformity, this certificate, which includes production control, constitutes support for an EU Declaration of Conformity to the Low Voltage Directive 2014/35/EU. This presumption can expire before end of validity of this certificate due to new issued Standard or Amendment and changes within the EU legislation.

### Certification Body:

Intertek Semko AB, Product Certification

**Place:** Kista - Stockholm

### Signed:



**Date:** 23 January, 2024

Anneli Averland Johansson

