

SPECIAL SPECIFICATION SWITCH CODING FOR ORDERING

1

Key handle type

A key is used as the handle.

- Available notch : S, H, T, F, E
- Max. unit No. is 4. There are exceptions.
- C-88 and C-110 that made by Takigen is used. No. K6510 of C-88 is a standard key.
- Please see page A14 for information of key system.

1) C-88 key (Not available for master key system)

B-KMC-H2-2B2A-B NUKI B C-88 K6510

Code		Notch code	No. of units	No. of contacts	Contact code	Color of handle / flange	Key lock position	Key type	Key No.
B-KMC	B type							C-88	K6510 - K6520
BHO	BH type								Standard
									Specified No.

2) C-110 key (Available for master key system)

B-KMC-H2-2B2A-B NUKI B C-110 (AAA111) FUJI13

Code		Notch code	No. of units	No. of contacts	Contact code	Color of handle / flange	lock position	Key type	*Master key No.	Key No. (change key)
B-KMC	B type							C-110	Specified No.	Specified No.
BHO	BH type							Available for master key system		

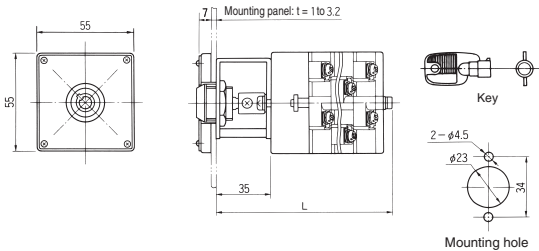
  

*Available character for master key No. / key No. (change key)	
Max. number of character	Master key No. Within 6 (7 for number only) Key No. Within 7
Available character	Number (0 - 9), Alphabet (A - Z) =Blank is not available.

OUTLINES

B-KMC

(B type) \* The screw side is on the right/left in this type. In case of B type, it's generally on the up/down.



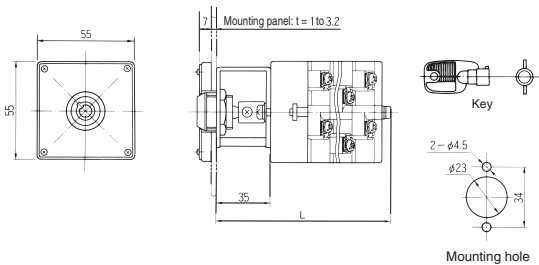
Key lock position

S	H	T	F	E
NUKI C	NUKI A	NUKI B	NUKI T	NUKI F
NUKI B	NUKI A	NUKI T	NUKI F	NUKI C

The key is used to directly operate the switch.  
For the key, please see the specifications of the key.  
If the another key lock position is needed, please contact us.  
\* "NUKI" means key lock position.

BHO

(BH type) \* The mounting hole is on the vertical in this type. In case of BH type, it's generally on the horizontal.



No. of units	1	2	3	4
L (mm)	78	91	104	117

\*The standard key is C-88 (Takigen). If the master key is needed, please request us.  
C-110 (Takigen) key is provided as a master key.  
\*Exclusive cover which a resin molded for the key also available. It cannot be install at a later time.



# B TYPE, BH TYPE

## SPECIAL SPECIFICATION SWITCH CODING FOR ORDERING

2

### Cylinder key type

Locked with an insert key. To open / close the switch, unlock the key and then operate the handle.

#### 1) C-88 key (Not available for master key system)

**B-KM-H2-2B2A-LD-B NUKI B C-88 K6510**

Notch code			No. of units		Handle code		Key lock position		Key No.	
Code	Switch	Key position	Contact code		No. of contacts		Key type		Key No.	
B-KM	B type	Right					C-88		K6510 - K6520	
BHC	BH type	Bottom					Not available for master key system		Standard	
									Specified No.	

●Available notch : S, H, T, F, E, K, W, and SB.

●Max. unit No. is 10.

There are exceptions.

●C-88 and C-110 that made by Takigen is used. No. K6510 of C-88 is a standard key.

●Please see page A14 for information of key system.

#### 2) C-110 key (Available for master key system)

**B-KM-H2-2B2A-LD-B NUKI B C-110 (AAA111) FUJI13**

Notch code			No. of units		Handle code		Key lock position		Key No.	
Code	Switch	Key position	Contact code		No. of contacts		Key type		Key No. (change key)	
B-KM	B type	Right					C-110		* Master key No.	
BHC	BH type	Bottom					Not available for master key system		* Specified No.	

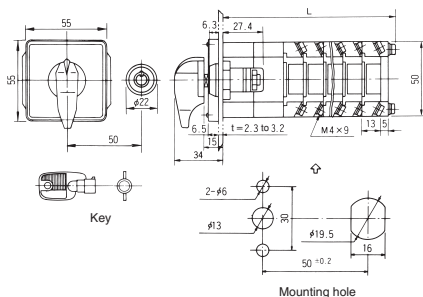
\*Available character for master key No. / key No. (change key)

Max. number of character	Master key No.	
	Key No.	Within 6 (7 for number only)
Available character	Number (0 - 7), Alphabet (A - Z)	
	*Blank is not available.	

## OUTLINES

### B-KM

(B type)



Key lock position

S/SB	H	T	F	E	K
NUKI C	NUKI BA	NUKI BA NUKI BT NUKI AT NUKI BAT	NUKI BATF	NUKI BATFE	NUKI DPK
	NUKI B NUKI A	NUKI B NUKI A NUKI T			

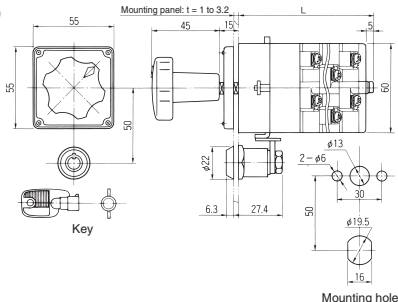
Key lock position



Normally, the key removal position is upside.

### BHC

(BH type)



No. of units	1	2	3	4	5	6	7	8
L (mm)	64	77	90	103	116	129	142	155

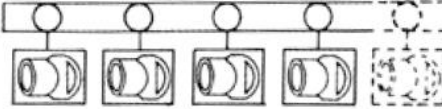
\*The standard key is C-88 (Takigen). If the master key is needed, please request us. C-110 (Takigen) key is provided as a master key.

\*Exclusive cover which a resin molded for the key also available. It cannot be install at a later time.

## KEY SYSTEM

### ■C-88 type

[Master key is disused]

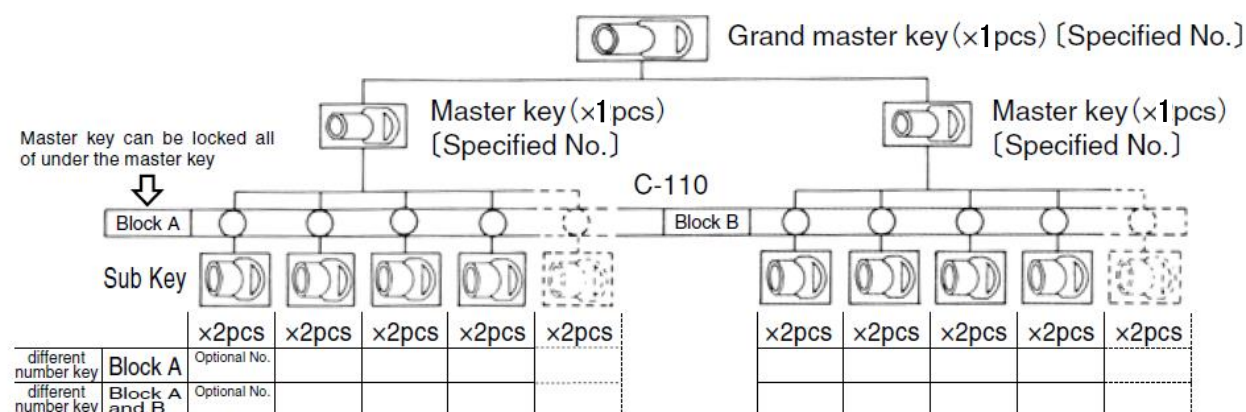


		x2pcs	x2pcs	x2pcs	x2pcs	x2pcs
same number key	K6510 only	K6510	K6510	K6510	K6510	-----
different number key	K6511 to K6520	K6511	K6512	K6513	K6514	-----

●Special character keys also available. Please see "Available character for key No."

### ■C-110 type

[Master key is needed]



- Key will be decided depends on a decision that a common use with door lock or the master key is needed or not.
- In the case of C-110, if the master key specified No. and sub key specified No. are selected, the master key can be possible to lock the sub key.
- It's not available to make an additional subkey, because of the relationship between masterkey and subkey are already decided at the stage at manufacture.
- Life time of the key is 10,000 times. (Insertion - Extraction)

### ■Available character for master key No. / key No. (change key)

Max. number of character	Master key No.	6 (7 for number only)
	Key No.	7
Available character	Number (0 - 9), Alphabet (A - Z) Blank is not available.	



# B TYPE, BH TYPE

## SPECIAL SPECIFICATION SWITCH CODING FOR ORDERING

3

### Switch with padlock mechanism

Locked with a padlock. To open / close the switch, unlock the padlock and then open / close the key while pushing or pulling the unlocking lever.

**B-KH-H2-2B2A-LD-B NUKI B**

Code	Switch	Unlocking lever type	No. of contacts	Contact code	Color of handle / flange	Key lock position
B-KH	B type	Pushing type				
BHP	BH type	Pulling type				

Notch code      No. of units      Handle code      Key lock position

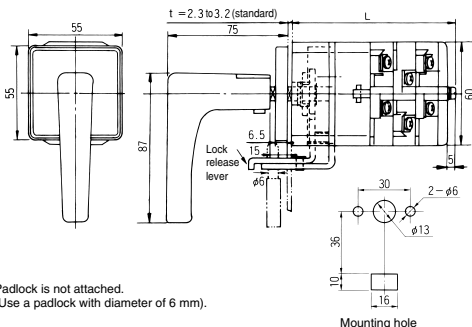
- Available notch : S, H, T, F, and SB.
- Max. unit No. is 10.
- Normally a padlock is attached to the down side of the switch.
- Padlock is not attached.
- Please use a padlock with diameter of 6 mm.

## OUTLINES

### B-KH

(B type) \* The screw side is on the right/left, and the mounting hole is on the horizontal in this type.

In case of B type, generally the screw side is on the up/down, and the mounting hole is on the vertical.



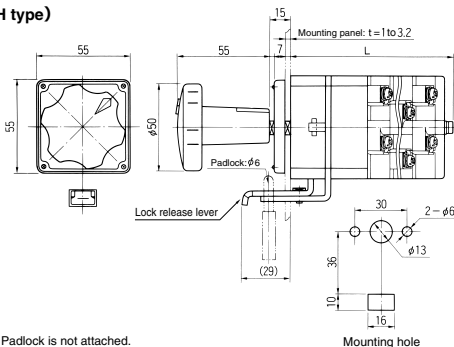
\* Padlock is not attached.  
(Use a padlock with diameter of 6 mm).

Key lock position

S	H	T	F	E	K
NUKI C	NUKI BA	NUKI BA NUKI BT NUKI AT NUKI BAT	NUKI BATF	NUKI BATFE	NUKI DPK

### BHP

(BH type)



\* Padlock is not attached.  
(Use a padlock with diameter of 6 mm).

○ Remove the padlock and push the lock release lever for handle operation. The switch will be locked automatically after releasing your hand, then please lock with a padlock.

No. of units	1	2	3	4	5	6	7	8
L (mm)	67	80	93	106	119	132	145	158

4

High-frequent type switch

This cam switch is designed for high-frequent heavy-duty uses, in iron manufacture and chemical plants, etc.

BM-H2-2B2A-LD-B

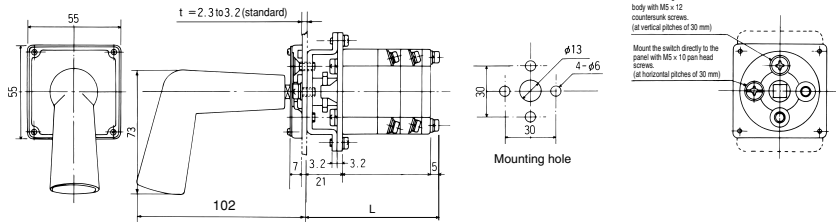
Notch code		No. of contacts	Handle	Color of handle / flange
Code	Switch			
BM	B type	No. of units	Contact code	
BHM	BH type			

- Available notch : S, H, T, F, and SB. The 30° version is also available.
- High-frequent operation type.
- Please specify if you need the oil-proof type. In the case of oil-proof type, PBT resin is used for the case.

OUTLINES

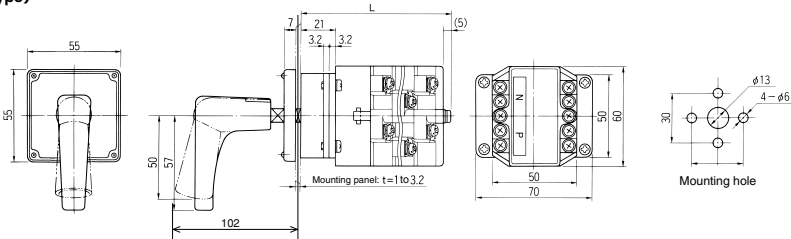
BM

(B type)



BHM

(BH type)



No. of units	1	2	3	4	5	6	7	8	9
L (mm)	65	78	91	104	117	130	143	156	167



# B TYPE, BH TYPE

## SPECIAL SPECIFICATION SWITCH CODING FOR ORDERING

### 5 Switch with indicator lamp (separate)

This is a switch that an indicator lamp is attached on top.  
An indicator mounting hole is additionally required.

Part of lamp display

**BL-H2-2B2A-215-LD-B**

Notch code		Contact code		Display color	Color of handle / flange
Code	Switch	No. of contacts	Voltage	Handle code	
BL	B type				
BH1	BH type				

●The notches and specification are the same as those of the standard switches.

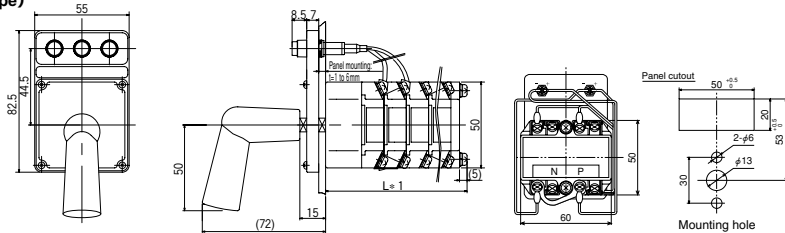
●For the circuit, voltage, and display color of the indicator, please see the following table and specify the corresponding numbers.

Circuit	Voltage	Display color
1 For 1 indicator lamp	1 24V DC	1 W (Milky white)
2 For 2 indicator lamps	2 48V DC	2 R (Red)
3 For 3 indicator lamps	3 100 / 110V DC	3 G (Green)
	4 125V DC	4 O (Orange)
	5 100 / 110V AC	5 GR
	6 200 / 220V AC	6 GWR
	7 30V DC	7 GOR
9 Special	9 Special	9 Special

## OUTLINES

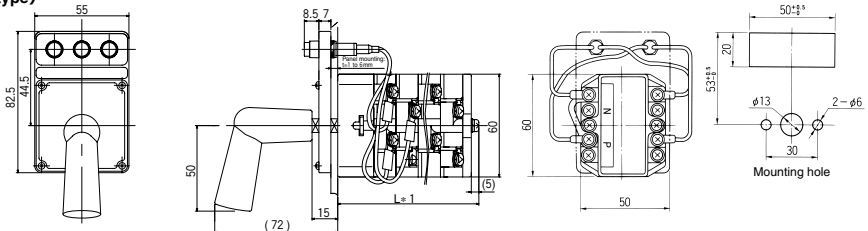
### BL

(B type)



### BH1

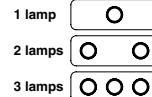
(BH type)



No. of units	1	2	3	4	5	6	7	8	9	10
L (mm) For 1 indicator	56	69	82	95	108	121	134	147	160	173
L (mm) For 2 indicators										
L (mm) For 3 indicators	69	82	95	108	121	134	147	160	173	186

\* The lamp power supply unit is not included in the above number of units.

### ●Lamp position



6

Switch with indicator lamp (built-in)

This is a switch that a signal indicator is attached on top.

Part of lamp display

BHS-S2-2B2A-235-LP-B

Code	Switch	No. of units	Contact code	Circuit	Handle code	Display color	Color of handle / flange
BHS	BH type	No. of contacts					
BHS-B	BH type (with rear terminal block)						

● Available notch: S, H, T, F and SB, SR, SY also available.

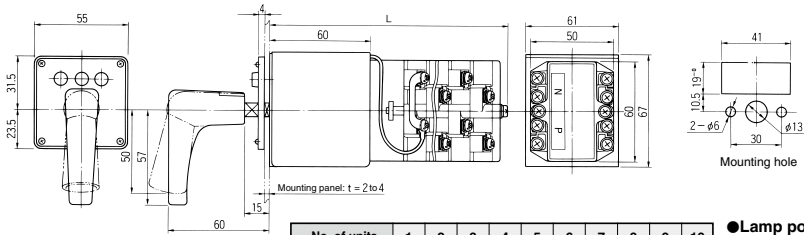
● For the circuit, voltage, and display color of the indicator lamp, please see the following table and specify the corresponding numbers.

Circuit	Voltage	Display color
1 For 1 indicator lamp	1 24V DC	1 W (Milky white)
2 For 2 indicator lamps	2 48V DC	2 R (Red)
3 For 3 indicator lamps	3 100 / 110V DC	3 G (Green)
	4 125V DC	4 O (Orange)
	5 100 / 110V AC	5 GR
	6 200 / 220V AC	6 GWR
	7 30V DC	7 GOR
9 Special	9 Special	9 Special

OUTLINES

BHS

(BH type)



No. of units	1	2	3	4	5	6	7	8	9	10
L (mm) For 1 indicator	116	129	142	155	168	181	194	207	220	233
L (mm) For 2 indicators	129	142	155	168	181	194	207	220	233	246
L (mm) For 3 indicators	142	155	168	181	194	207	220	233	246	259

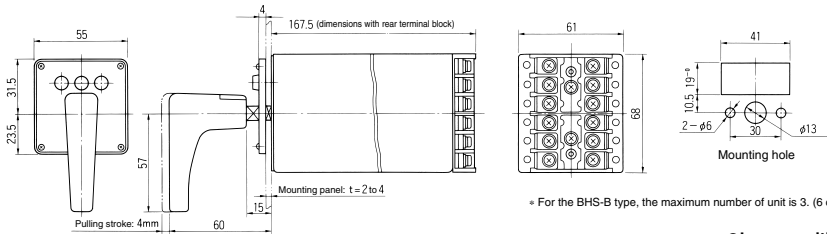
● Lamp position

1 lamp	<input type="radio"/>
2 lamps	<input type="radio"/> <input type="radio"/>
3 lamps	<input type="radio"/> <input type="radio"/> <input type="radio"/>

With indicator lamp (built-in) and rear terminal block type

BHS-B

(BH type)



\* For the BHS-B type, the maximum number of unit is 3. (6 contacts)

● Lamp position

1 lamp	<input type="radio"/>
2 lamps	<input type="radio"/> <input type="radio"/>
3 lamps	<input type="radio"/> <input type="radio"/> <input type="radio"/>



# B TYPE, BH TYPE

## SPECIAL SPECIFICATION SWITCH CODING FOR ORDERING

7

Lockout relay switch (Coil type)

●Max. unit No. is 8.

●Please see page A55 for the operation time.

**BA-6 2A2B-DC24V-LP-B**

Code	Switch
BA-6	B type
BHE	BH type

Contact code  
No. of contacts

Code	Operation voltage	Code	Operation voltage
DC24V	24V DC	DC220V	200 / 220V DC
DC48V	48V DC	AC110V	100 / 110V AC
DC110V	100 / 110V DC	AC220V	200 / 220V AC
DC125V	125V DC		

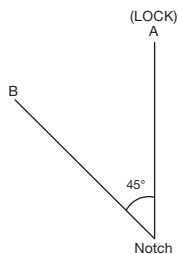
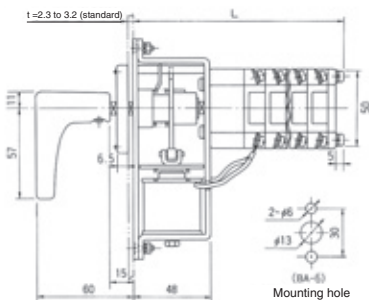
Handle code Color of handle / flange

Circuit voltage	24V DC	48V DC	100 / 110V DC	125V DC	200 / 220V DC
Coil resistance	5.3 Ω	25 Ω	55 Ω	80 Ω	350 Ω

## OUTLINES

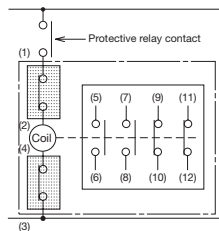
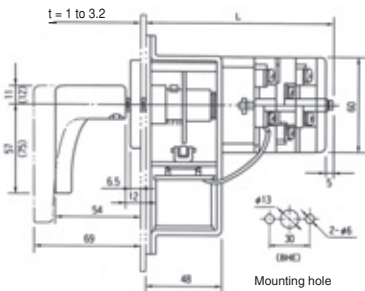
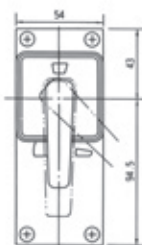
**BA-6**

(B type)



**BHE**

(BH type)



No. of units	1	2	3	4	5	6	7	8
L (mm)	104	117	130	143	156	169	182	195



**Caution**

Reset operation on existence of external signal to coil is prohibited.  
This may cause severe malfunction. (Ex. Coil burnout)



8 Lockout relay switch (Solenoid type)

- Max unit No. is 10.
- High speed operation type.
- 10 types of coils are available.

B-MR-2001-B-LP B

Contact arrangement		Handle code		Color of handle / flange	
Code	Operation method	Code	Operation voltage	Code	Operation voltage
MR	Manual reset	A	24V DC	F	200 / 220V AC
		B	100 / 110V DC	G	48V DC
		C	125V DC	H	125V DC
		D	200 / 220V DC	I	100 / 110V AC · DC
		E	100 / 110V AC	J	200 / 220V AC · DC

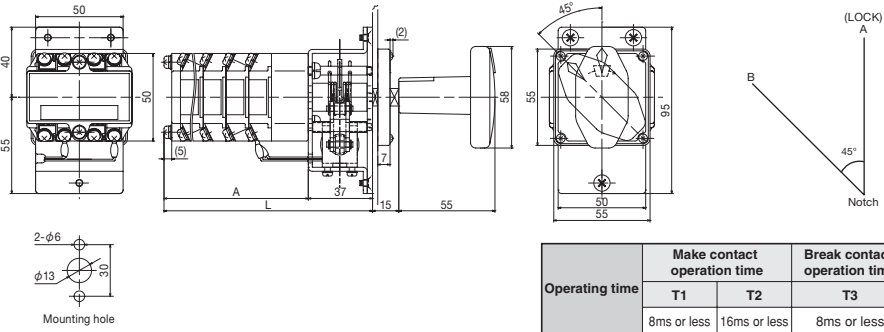
Code	Switch
B	B type
BH	BH type

Coil code	A	B	C	D	E	F	G	H	I	J
Coil resistance	3.3Ω	16.5Ω	27Ω	60Ω	16.5Ω	60Ω	13Ω	75Ω	60Ω	240Ω

OUTLINES

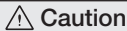
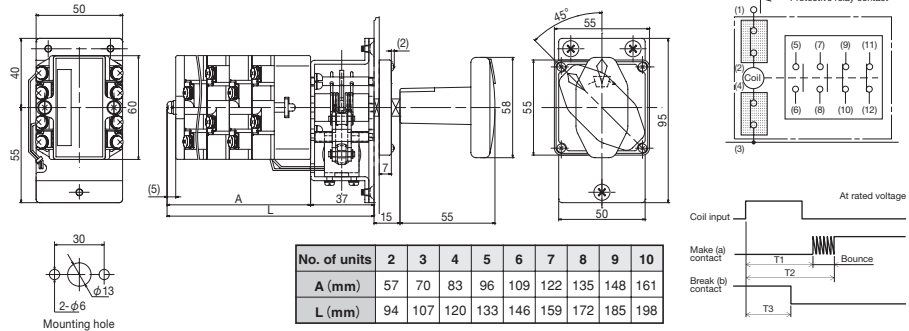
B-MR

(B type)



BH-MR

(BH type)



Caution

Reset operation on existence of external signal to coil is prohibited.  
This may cause severe malfunction. (Ex. Coil burnout)



# B TYPE, BH TYPE

## SPECIAL SPECIFICATION SWITCH CODING FOR ORDERING

9

### Minute current switch (BY)

This switch is used in the applications requiring environmental resistance or using minute electric current.

**BY-H2-2BX2AX-LD-B**

Code	Switch	No. of contacts	Handle code	Color of handle / flange
BY	B type	No. of units	Contact of minute current switch (Ends with "X")	
BHY	BH type	Notch code		

\* Outline is same as standard B / BH type.

- For the specification, please see technical data on A56.
- The notches are the same as those of the standard switches.
- For a contact, X is added to the standard contact symbol like AX.
- This switch can be assembled within a switch with standard contacts. However the units for the contacts of the minute current is exclusive unit.

Ex.) BY-H2-2BX2A

Standard contact  
Minute current contact

- In case of lapping contact, L (Minute current lapping contact) is added after X (Minute current contact).

Ex.) BY-H2-2BXL2A

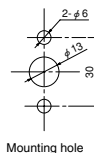
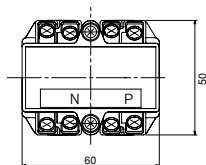
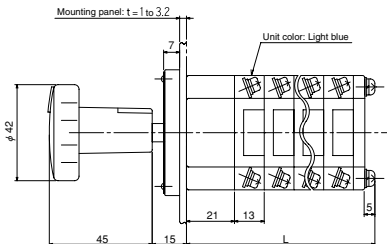
Standard contact  
Minute current lapping contact

- Minute current contact is applicable to other standard products.

Ex.) BHY-H2-2BX2AX

## OUTLINES

### BY



### BHY

