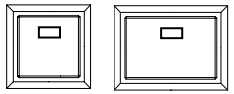
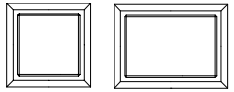
EH

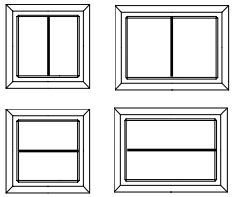
【Button shape】 【LED terminal】 【Illumination type】



- [L-], [L+] terminal → Spot Illumination ・・・・ P.2～6
- [L1], [L2], [LC] terminal → Standby Illumination ・・・・ P.7～11



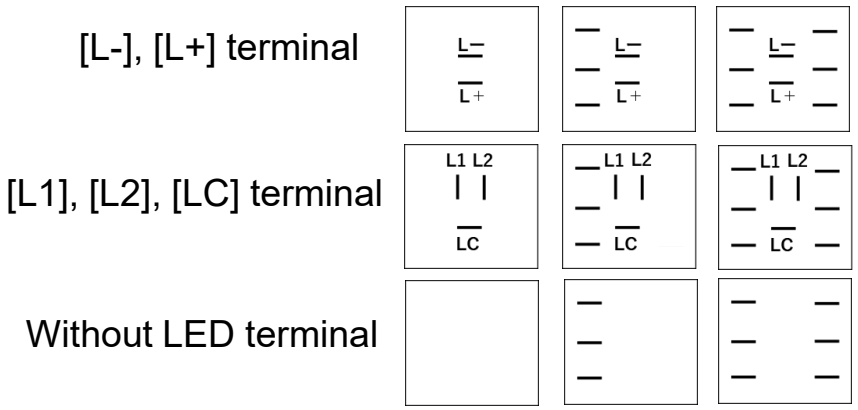
- [L-], [L+] terminal
  - N-type
    - Standard type
      - With LED Marking → Full-Face, Single color ・・・・ P.12～17
      - Without LED Marking → Non-Illuminated ・・・・ P.18～22
- Without LED terminal → Non-Illuminated ・・・・ P.18～22
- [L1], [L2], [LC] terminal → Full-Face, Dual color ・・・・ P.23～28



- 2-Split-Face, Vertical
- 2-Split-Face, Horizontal

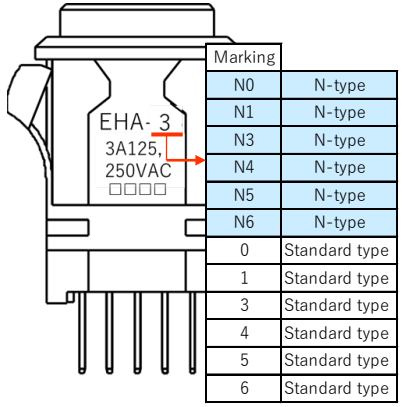
・・・ P.29～34

【Terminal Layout (BOTTOM VIEW)】



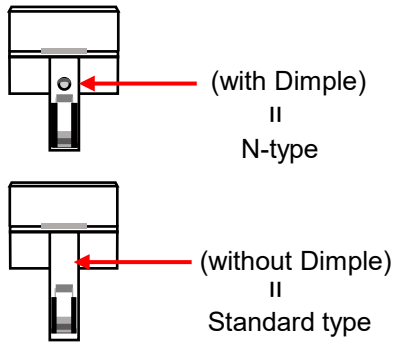
【N-type / Standard type】

<Marking on the Housing>



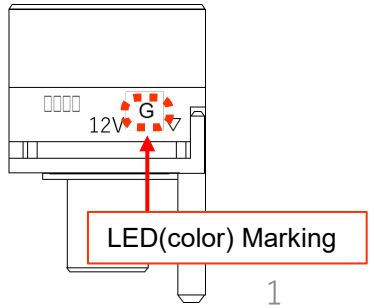
Marking	
N0	N-type
N1	N-type
N3	N-type
N4	N-type
N5	N-type
N6	N-type
0	Standard type
1	Standard type
3	Standard type
4	Standard type
5	Standard type
6	Standard type

<Dimple on the Light cartridge>



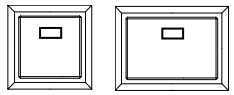
【LED Marking】

<Marking on the Light cartridge>

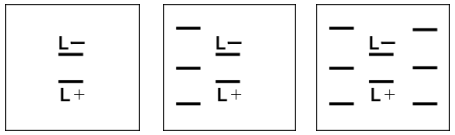


EH　Spot Illumination

・Button shape



・[L-], [L+] terminal



EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① 【Operation】

② 【Switch contact】

③ 【Button shape】

④ 【LED color】

⑤ 【Button color】

⑥ 【Housing color】

⑦ 【Color plate】

⑧ 【Terminal shape】

⑨ 【Illumination voltage】

EH　Spot Illumination

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

①【Operation】(Distinguished by Marking)

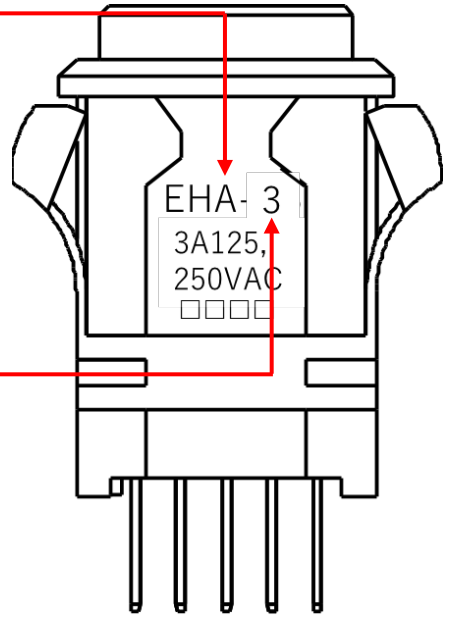
Marking＝Product code

Operation	Product code
Momentary	M
Alternate	A
Indicator	L
Flat indicator	F
Momentary・silent	S

②【Switch contact】(Distinguished by Marking)

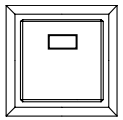
Marking＝Product code

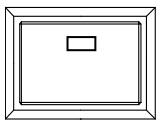
Switch contact	Product code
Indicator	0
SPST・Crossbar	1
SPDT・Silver (Gold-Plated)	3
DPDT・Silver (Gold-Plated)	4
SPDT・Crossbar	5
DPDT・Crossbar	6



③【Button shape 】(Distinguished by Appearance)

Button shape	Product code
Square	S0
Rectangular	W0


(Square)


(Rectangular)

EH　Spot Illumination

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

④【LED color】 (Distinguished by Appearance)

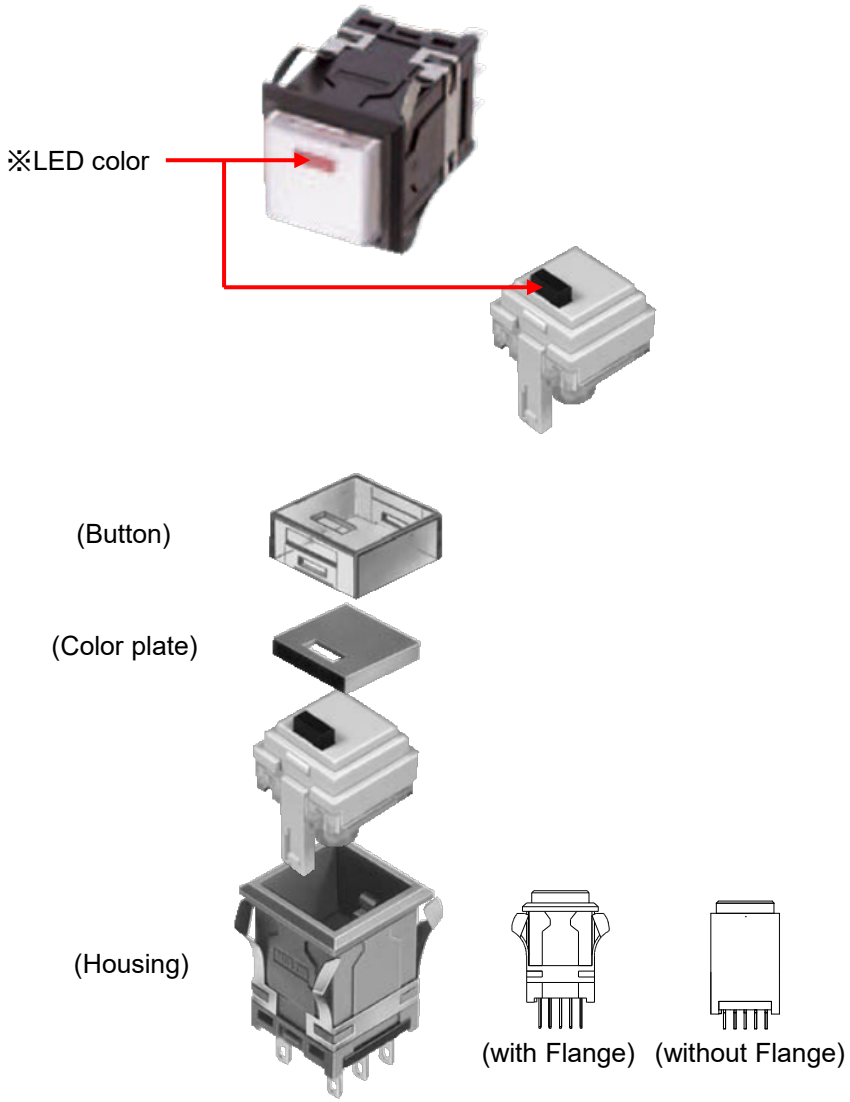
LED color	Product code
Red	4
Green	5
Orange Yellow	6

⑤【Button color】 (Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Blue	B
Black	K
Clear	C

⑥【Housing color】 (Distinguished by Appearance)

Housing color	Product code
Black, with Flange	K
Black, without Flange	KN
Gray, with Flange	H
Gray, without Flange	HN

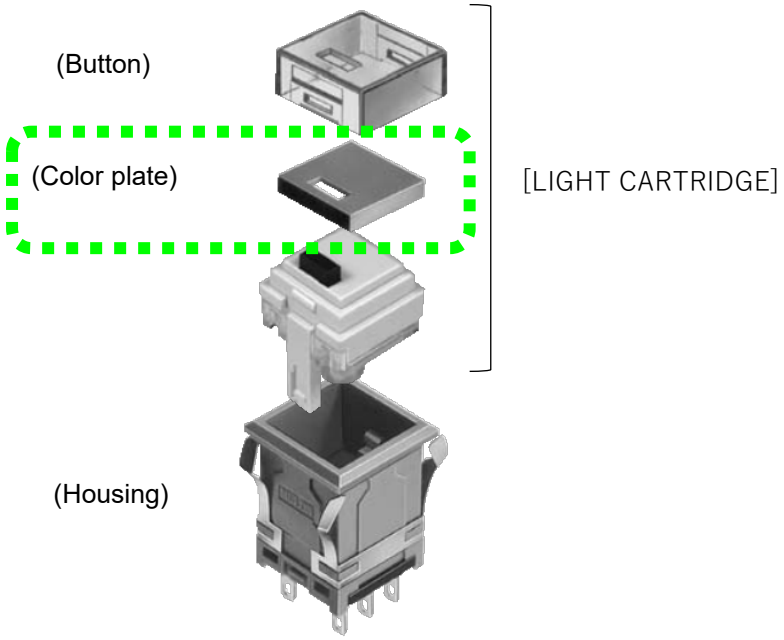


EH　Spot Illumination

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

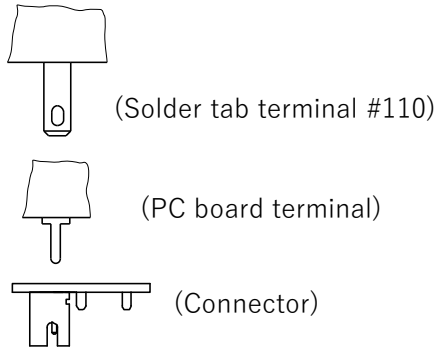
⑦【Color plate】(Distinguished by Appearance)

Color plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
Blue	6
Black	7
(Without Color plate)	X



⑧【Terminal Shape】(Distinguished by Appearance)

Terminal shape	Product code
Solder tab terminal #110	P
PC board terminal	C
Connector with Accessories	K
Connector without Accessories	N

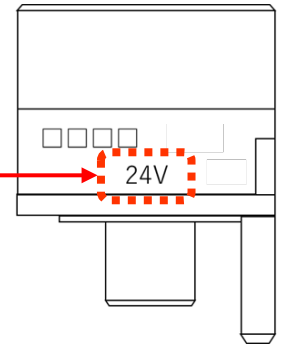


⑨【Illumination voltage】(Distinguished by Marking on the Light Cartridge)

Marking	Product code	
5V	1	5V, Built-in LED current limiting resistor
12V	2	12V, Built-in LED current limiting resistor
24V	3	24V, Built-in LED current limiting resistor
0Ω	4	[Without LED current limiting resistor]

※ Ref. Marking(A)

※ Marking(A) : Illumination voltage



EH　Spot Illumination

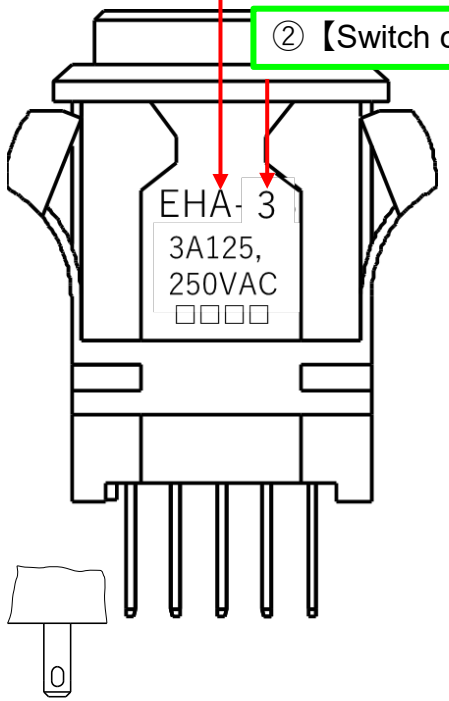
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① 【Operation】
② 【Switch contact】
③ 【Button shape】
④ 【LED color】
⑤ 【Button color】
⑥ 【Housing color】
⑦ 【Color plate】
⑧ 【Terminal shape】
⑨ 【Illumination voltage】

ex.) EHA—3S04CH4P3
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

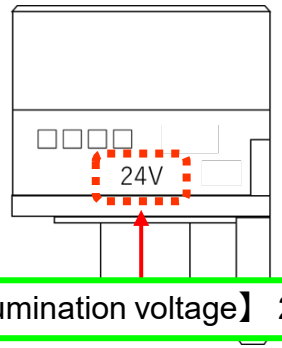
① 【Operation】 A

② 【Switch contact】 3

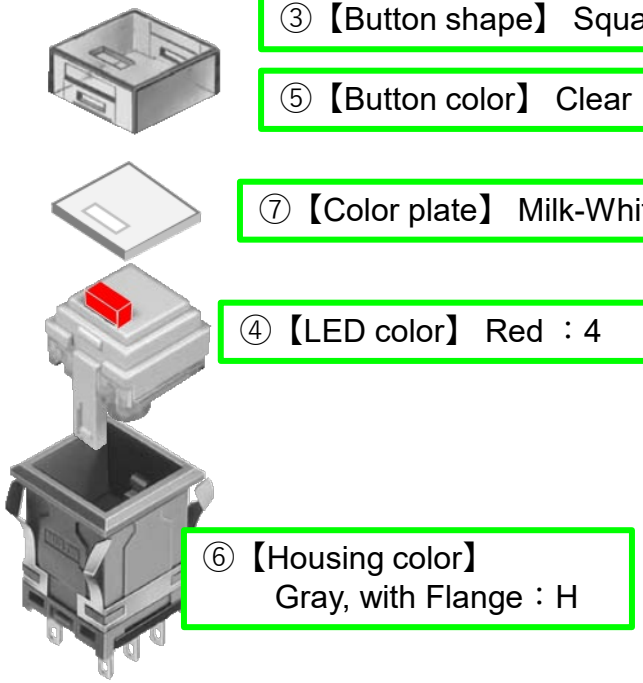


⑧ 【Terminal shape】 Solder tab terminal #110 : P

[Light Cartridge]



⑨ 【Illumination voltage】 24V : 3



③ 【Button shape】 Square ：S0

⑤ 【Button color】 Clear ：C

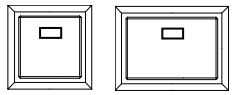
⑦ 【Color plate】 Milk-White : 4

④ 【LED color】 Red ：4

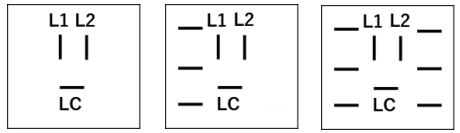
⑥ 【Housing color】
Gray, with Flange ：H

EH　Standby Illumination

・Button shape



・[L1], [L2], [LC] terminal



EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】

② 【Switch contact】

③ 【Button shape】

④ 【LED color (Spot)】

⑤ 【 LED color (Base) 】

⑥ 【Button color】

⑦ 【Housing color】

⑧ 【Color plate】

⑨ 【Terminal shape】

⑩ 【Illumination voltage】

EH　Standby Illumination

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①【Operation】(Distinguished by Marking)

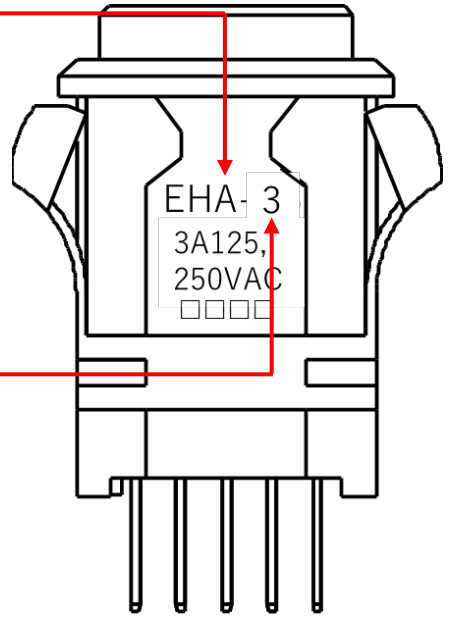
Marking＝Product code

Operation	Product code
Momentary	M
Alternate	A
Indicator	L
Flat indicator	F
Momentary・silent	S

②【Switch contact】(Distinguished by Marking)

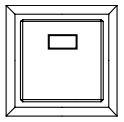
Marking＝Product code

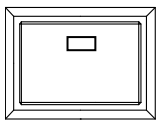
Switch contact	Product code
Indicator	0
SPST・Crossbar	1
SPDT・Silver (Gold-Plated)	3
DPDT・Silver (Gold-Plated)	4
SPDT・Crossbar	5
DPDT・Crossbar	6



③【Button shape 】(Distinguished by Appearance)

Button shape	Product code
Square	S5
Rectangular	W5


(Square)

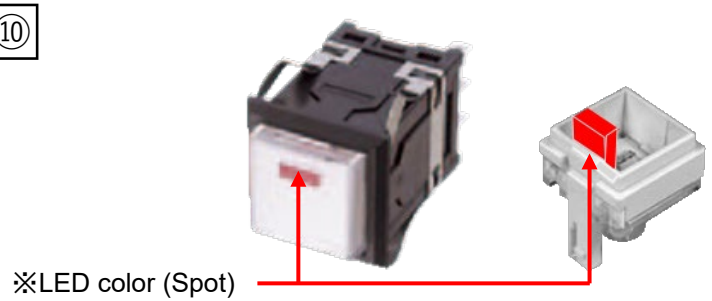

(Rectangular)

EH　Standby Illumination

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

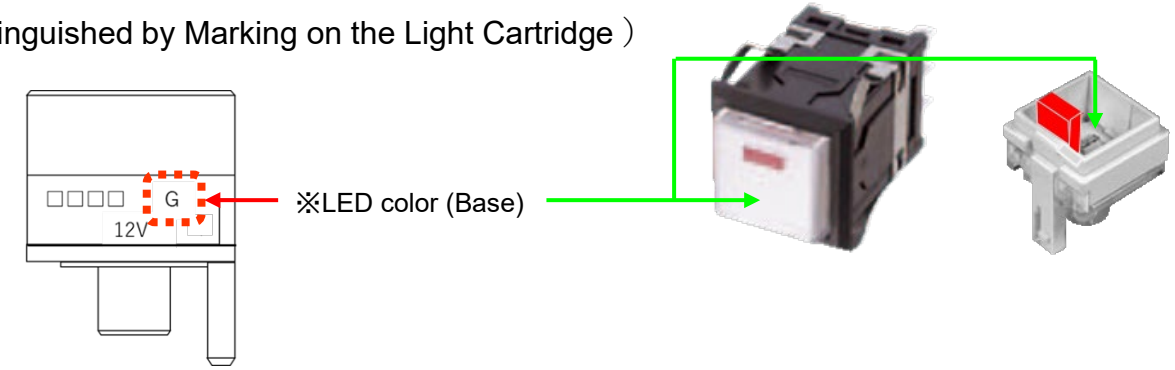
④【LED color (Spot)】 (Distinguished by Appearance)

LED color	Product code
Red	4
Green	5
Orange Yellow	6



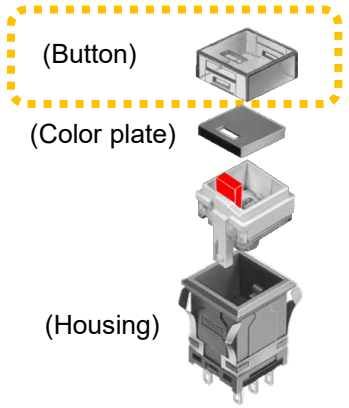
⑤【LED color (Base)】 (Distinguished by Marking on the Light Cartridge)

Marking	Product code
R	70
G	80
Y	90



⑥【Button color】 (Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Clear	C

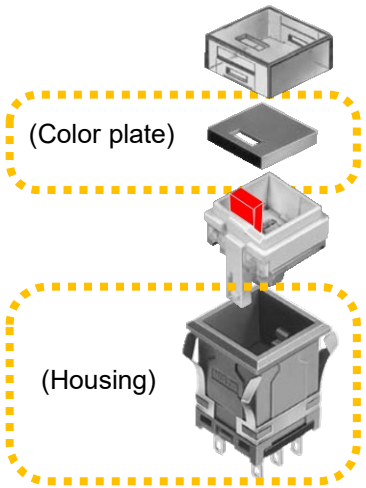


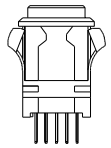
EH　Standby Illumination

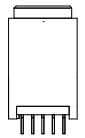
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

⑦【Housing color】 (Distinguished by Appearance)

Housing color	Product code
Black, with Flange	K
Black, without Flange	KN
Gray, with Flange	H
Gray, without Flange	HN




(with Flange)

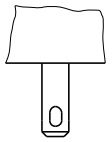

(without Flange)

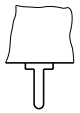
⑧【Color plate】 (Distinguished by Appearance)

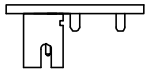
Color plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
(Without Color plate)	X

⑨【Terminal Shape】 (Distinguished by Appearance)

Terminal shape	Product code
Solder tab terminal #110	P
PC board terminal	C
Connector with Accessories	K
Connector without Accessories	N


(Solder tab terminal #110)

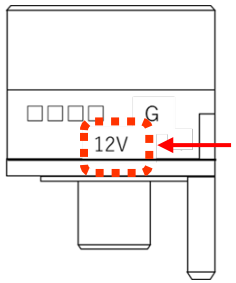

(PC board terminal)


(Connector)

⑩【Illumination voltage】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
5V	1
12V	2
5V 0Ω	4
12V 0Ω	5
24V 0 Ω	6

5V, Built-in LED current limiting resistor
12V, Built-in LED current limiting resistor
5V [Without LED current limiting resistor]
12V [Without LED current limiting resistor]
24V [Without LED current limiting resistor]



※ Marking : Illumination voltage

EH　Standby Illumination

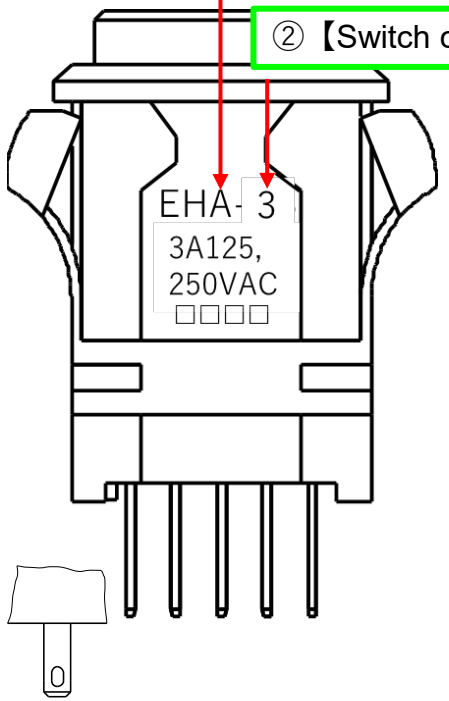
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】
② 【Switch contact】
③ 【Button shape】
④ 【LED color (Spot)】
⑤ 【 LED color (Base) 】
⑥ 【Button color】
⑦ 【Housing color】
⑧ 【Color plate】
⑨ 【Terminal shape】
⑩ 【Illumination voltage】

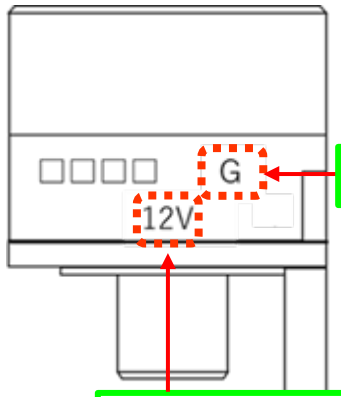
ex.) EHA—3S5480CH4P2
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】 A

② 【Switch contact】 3



[Light Cartridge]



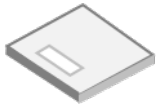
⑤ 【LED color (Base)】 G ：80

⑩ 【Illumination voltage】 12V : 2

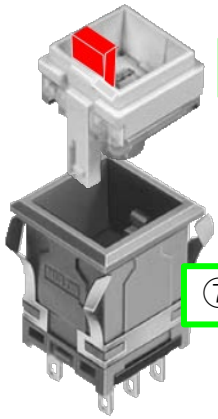
⑨ 【Terminal shape】 Solder tab terminal #110 ：P

③ 【Button shape】 Square ：S5

⑥ 【Button color】 Clear ：C



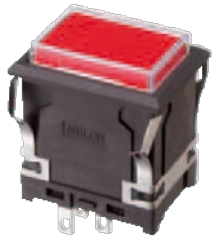
⑧ 【Color plate】 Milk-White ：4



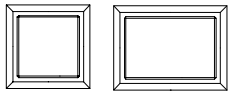
④ 【LED color (Spot)】 Red ：4

⑦ 【Housing color】 Gray, with Flange ：H

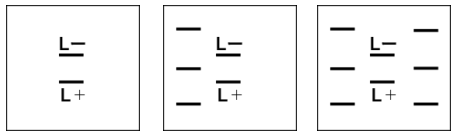
EH　Full-Face, Single color



・Button shape



・[L-], [L+] terminal



・N-type, with / without LED Marking
　or
Standard type, with LED Marking

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】

② 【Switch contact】

③ 【Button shape / Illumination type】

④ 【LED color】

⑤ 【 Button color】

⑥ 【Housing color】

⑦ 【Color plate】

⑧ 【Terminal shape】

⑨ 【Illumination voltage】

⑩ 【Reduced brightness product】

EH　Full-Face, Single color

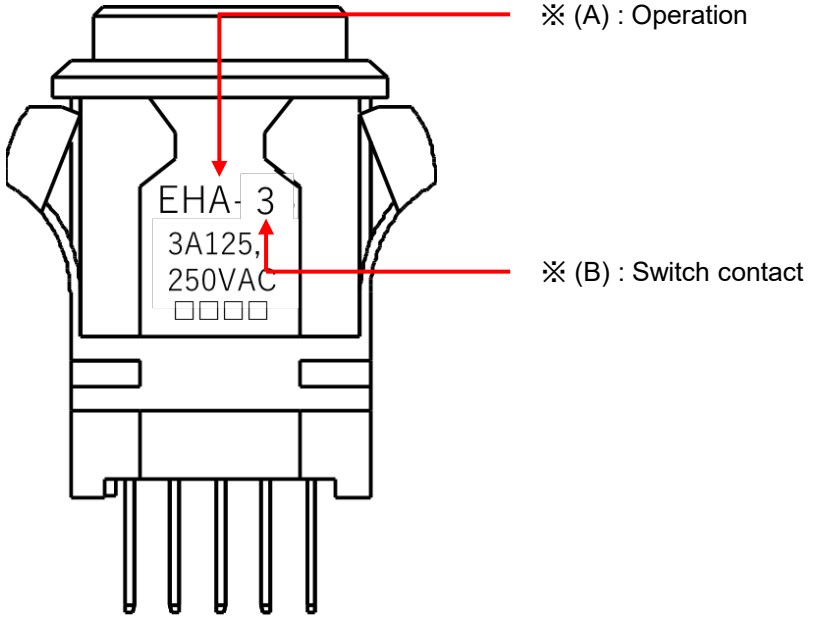
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①【Operation】(Distinguished by Marking)

Marking＝Product code

Operation	Product code
Momentary	M
Alternate	A
Indicator	L
Flat indicator	F
Momentary・silent	S

※ Ref. (A)



②【Switch contact】(Distinguished by Marking)

Marking＝Product code

Switch contact	Product code
Indicator	0
SPST・Crossbar	1
SPDT・Silver (Gold-Plated)	3
DPDT・Silver (Gold-Plated)	4
SPDT・Crossbar	5
DPDT・Crossbar	6
Dust resistant type, Indicator	N0
Dust resistant type, SPST・Crossbar	N1
Dust resistant type, SPDT・Silver (Gold-Plated)	N3
Dust resistant type, DPDT・Silver (Gold-Plated)	N4
Dust resistant type, SPDT・Crossbar	N5
Dust resistant type, DPDT・Crossbar	N6

※ Ref. (B)

EH　Full-Face, Single color

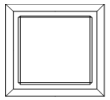
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

③【Button shape / Illumination type】 (Distinguished by Appearance)

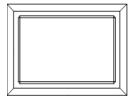
Button shape		Product code
Square	Flat	S0
Square	Concave	K0
Rectangular	Flat	W0
Rectangular	Concave	N0

※ Ref. (C)　※ Ref. (D)

※ (C) : Button Shape



(Square)



(Rectangular)

※ (D) : Button Shape

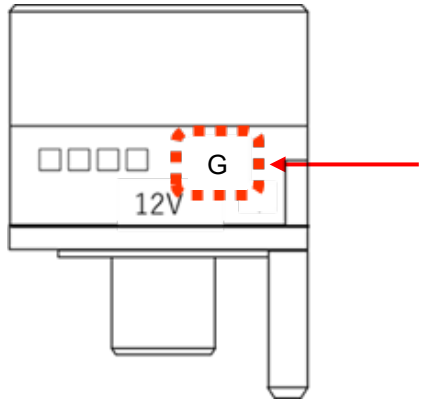
(Flat)

(Concave)

④【LED color 】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
R	70
G	80
Y	90
B	14
W	16
M	18
(without)	X

※ Ref. (E)



※ (E) : “LED color” Marking

EH　Full-Face, Single color

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

⑤【Button color 】 (Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Blue	B
Clear	C

※ Ref. (F)

⑥ 【Housing color / Flange 】 (Distinguished by Appearance)

Housing color	Product code
Black, with Flange	K
Black, without Flange	KN
Gray, with Flange	H
Gray, without Flange	HN

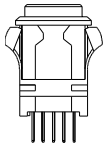
※ Ref. (G)　※ Ref. (H)

※ (G) : Housing color

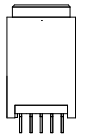
(Black)

(Gray)

※ (H) : Flange



(with Flange)



(without Flange)

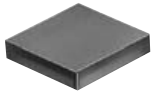
⑦ 【Color plate 】 (Distinguished by Appearance)

Color Plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
Blue	6
(Without Color plate)	X

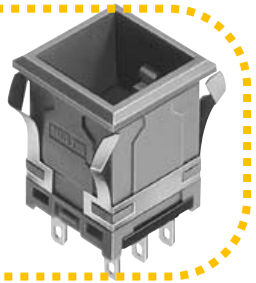
※ Ref. (I)

※ (F) : Button

※ (I) : Color plate



(Housing)

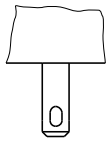


EH　Full-Face, Single color

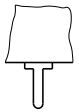
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

⑧【Terminal Shape】(Distinguished by Appearance)

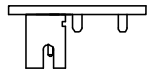
Terminal shape	Product code
Solder tab terminal #110	P
PC board terminal	C
Connector with Accessories	K
Connector without Accessories	N



(Solder tab terminal #110)



(PC board terminal)



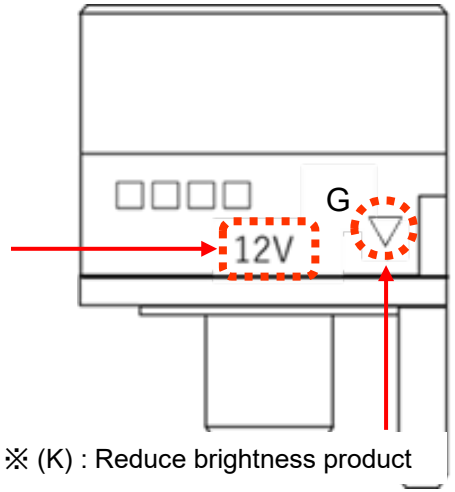
(Connector)

⑨【Illumination voltage】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
5V	1
12V	2
24V	3
5V 0Ω	4
12V 0Ω	5
24V 0 Ω	6
(without)	X

※ Ref. (J)

※ (J) : Illumination voltage



※ (K) : Reduce brightness product

⑩【Reduced brightness product】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
▽	0759
(without)	(Blank)

※ Ref. (K)

EH　Full-Face, Single color

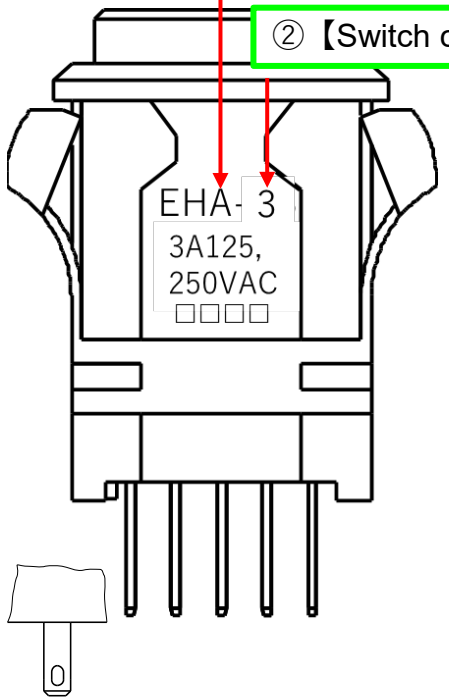
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】
② 【Switch contact】
③ 【Button shape / Illumination type】
④ 【LED color】
⑤ 【 Button color】
⑥ 【Housing color】
⑦ 【Color plate】
⑧ 【Terminal shape】
⑨ 【Illumination voltage】
⑩ 【Reduced brightness product】

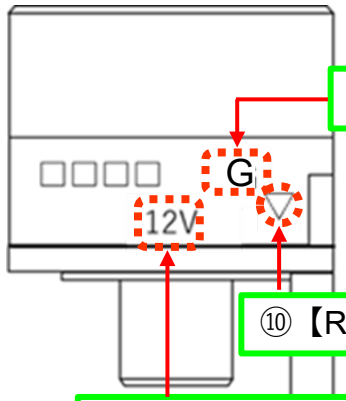
ex.) EHA—3S080CH4P20759
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】 A

② 【Switch contact】 3



[Light Cartridge]



③ 【Button shape / Illumination type】
Square・Flat Button ：S0

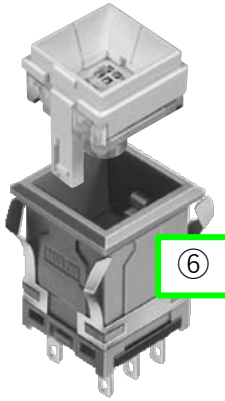
④ 【LED color】 G：80

⑩ 【Reduced brightness product】 ▽ : 0759

⑨ 【Illumination voltage】 12V : 2

⑤ 【Button color】 Clear：C

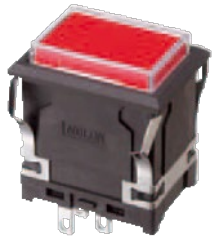
⑦ 【Color plate】 Milk-White ：4



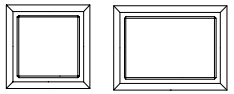
⑥ 【Housing color】 Gray, with Flange ：H

⑧ 【Terminal shape】 Solder tab terminal #110 : P

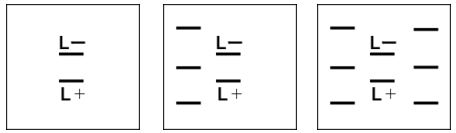
EH　Full-Face, Non-Illuminated



・Button shape

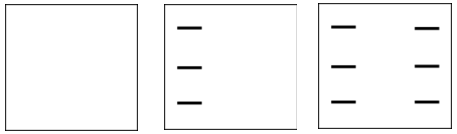


・[L-], [L+] terminal



or

・Without LED terminal



・Standard type, and without LED Marking

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 【Operation】

② 【Switch contact】

③ 【Button shape 】

④ 【LED terminal】

⑤ 【 Button color】

⑥ 【Housing color】

⑦ 【Color plate】

⑧ 【Terminal shape】

EH　Full-Face, Non-Illuminated

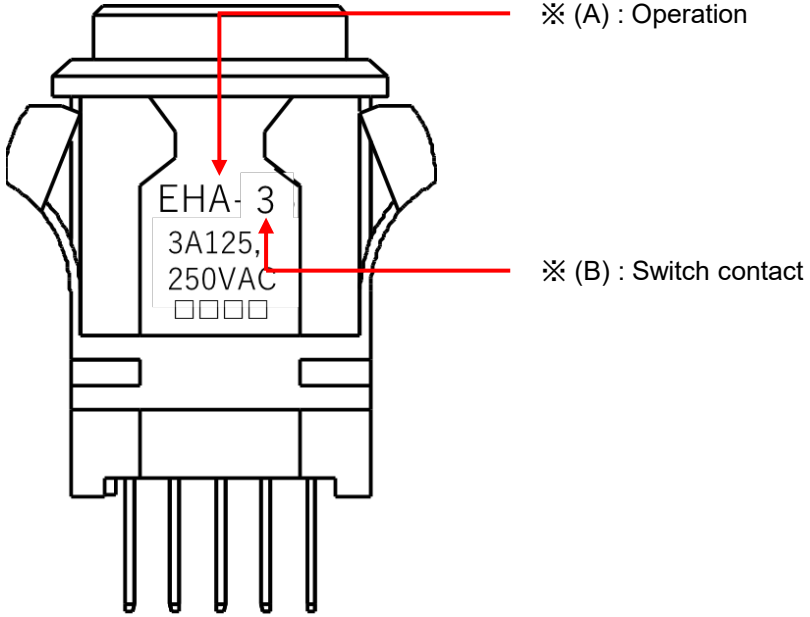
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧

①【Operation】(Distinguished by Marking)

Marking＝Product code

Operation	Product code
Momentary	M
Alternate	A
Indicator	L
Flat indicator	F
Momentary・silent	S

※ Ref. (A)



②【Switch contact】(Distinguished by Marking)

Marking＝Product code

Switch contact	Product code
Indicator	0
SPST・Crossbar	1
SPDT・Silver (Gold-Plated)	3
DPDT・Silver (Gold-Plated)	4
SPDT・Crossbar	5
DPDT・Crossbar	6

※ Ref. (B)

EH　Full-Face, Non-Illuminated

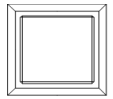
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧

③【Button shape 】(Distinguished by Appearance)

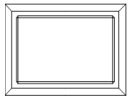
Button shape		Product code
Square	Flat	S
Square	Concave	K
Rectangular	Flat	W
Rectangular	Concave	N

※ Ref. (C)　※ Ref. (D)

※ (C) : Button Shape



(Square)



(Rectangular)

※ (D) : Button Shape

(Flat)

(Concave)

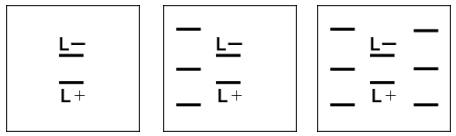
④【LED terminal 】(Distinguished by Appearance)

LED terminal	Product code
With LED terminal	0
Without LED terminal	X

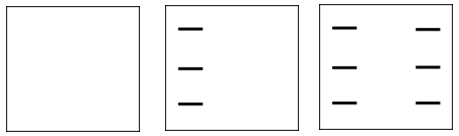
※ Ref. (E)

※ (E) : LED terminal

・With LED terminal



・Without LED terminal



⑤【Button color 】(Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Blue	B
Black	K
Clear	C

※ Ref. (F)

※ (F) : Button

EH　Full-Face, Non-Illuminated

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧

⑥【Housing color】(Distinguished by Appearance)

Housing color	Product code
Black, with Flange	K
Black, without Flange	KN
Gray, with Flange	H
Gray, without Flange	HN

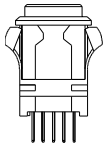
※ Ref. (G)　※ Ref. (H)

※ (G) : Housing color

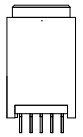
(Black)

(Gray)

※ (H) : Flange



(with Flange)

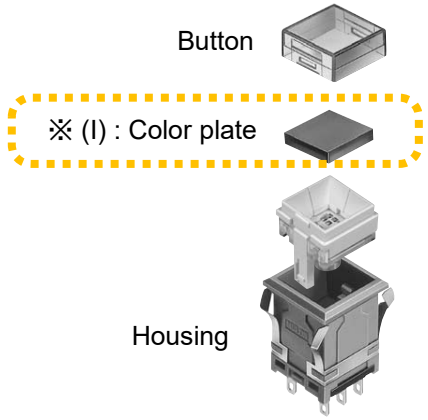


(without Flange)

⑦【Color plate】(Distinguished by Appearance)

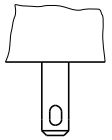
Color Plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
Blue	6
Black	7
(Without Color plate)	X

※ Ref. (I)

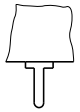


⑧【Terminal Shape】(Distinguished by Appearance)

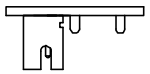
Terminal shape	Product code
Solder tab terminal #110	P
PC board terminal	C
Connector with Accessories	K
Connector without Accessories	N
(Without Terminal)	X



(Solder tab terminal #110)



(PC board terminal)



(Connector)

EH　Full-Face, Non-Illuminated

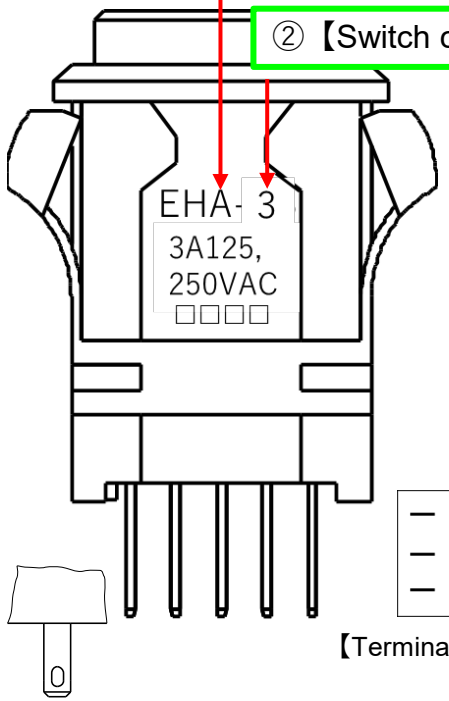
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧

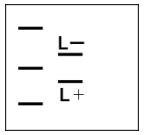
① 【Operation】
② 【Switch contact】
③ 【Button shape 】
④ 【LED terminal】
⑤ 【 Button color】
⑥ 【Housing color】
⑦ 【Color plate】
⑧ 【Terminal shape】

ex.) EHA—3S0CH4P
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① 【Operation】 A

② 【Switch contact】 3





④ 【LED terminal 】With LED terminal：0

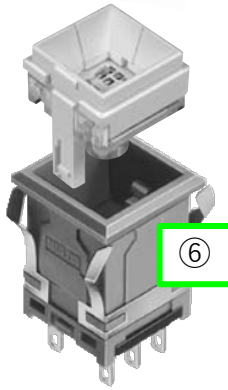
【Terminal Layout (BOTTOM VIEW)】

⑧ 【Terminal shape】 Solder tab terminal #110 : P

③ 【Button shape 】Square・Flat Button：S

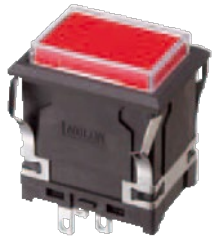
⑤ 【Button color】 Clear：C

⑦ 【Color plate】 Milk-White ：4

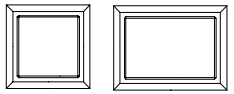


⑥ 【Housing color】 Gray, with Flange ：H

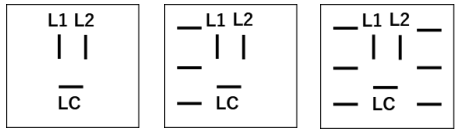
EH　Full-Face, Dual color



・Button shape



・[L1], [L2], [LC] terminal



EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】

② 【Switch contact】

③ 【Button shape / Illumination type】

④ 【LED color】

⑤ 【 Button color】

⑥ 【Housing color】

⑦ 【Color plate】

⑧ 【Terminal shape】

⑨ 【Illumination voltage】

⑩ 【Reduced brightness product】

EH　Full-Face, Dual color

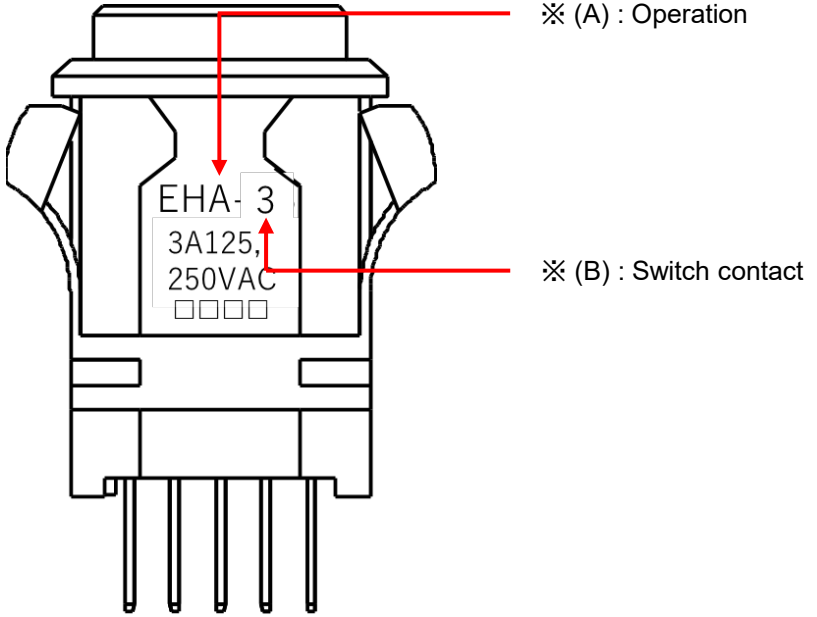
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①【Operation】(Distinguished by Marking)

Marking＝Product code

Operation	Product code
Momentary	M
Alternate	A
Indicator	L
Flat indicator	F
Momentary・silent	S

※ Ref. (A)



②【Switch contact】(Distinguished by Marking)

Marking＝Product code

Switch contact	Product code
Indicator	0
SPST・Crossbar	1
SPDT・Silver (Gold-Plated)	3
DPDT・Silver (Gold-Plated)	4
SPDT・Crossbar	5
DPDT・Crossbar	6
Dust resistant type, Indicator	N0
Dust resistant type, SPST・Crossbar	N1
Dust resistant type, SPDT・Silver (Gold-Plated)	N3
Dust resistant type, DPDT・Silver (Gold-Plated)	N4
Dust resistant type, SPDT・Crossbar	N5
Dust resistant type, DPDT・Crossbar	N6

※ Ref. (B)

EH　Full-Face, Dual color

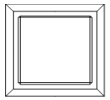
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

③【Button shape / Illumination type】 (Distinguished by Appearance)

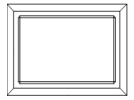
Button shape		Product code
Square	Flat	S3
Square	Concave	K3
Rectangular	Flat	W3
Rectangular	Concave	N3

※ Ref. (C)　※ Ref. (D)

※ (C) : Button Shape



(Square)



(Rectangular)

※ (D) : Button Shape

(Flat)

(Concave)

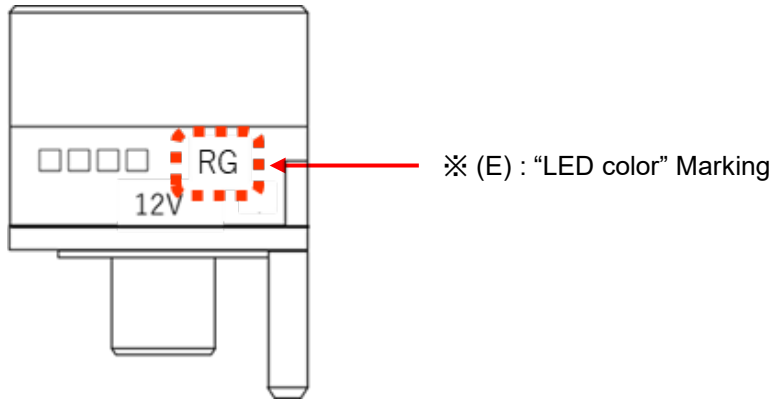
④【LED color 】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
RG	7080
RB	7014
RW	7016
RM	7018
GY	8090

※ Ref. (E)

Marking	Product code
YR	9070
YB	9014
BW	1416
WM	1618
MB	1814

※ Ref. (E)



※ (E) : “LED color” Marking

EH　Full-Face, Dual color

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

⑤【Button color 】 (Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Blue	B
Clear	C

※ Ref. (F)

⑥ 【Housing color / Flange 】 (Distinguished by Appearance)

Housing color	Product code
Black, with Flange	K
Black, without Flange	KN
Gray, with Flange	H
Gray, without Flange	HN

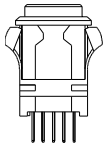
※ Ref. (G)　※ Ref. (H)

※ (G) : Housing color

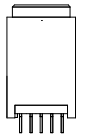
(Black)

(Gray)

※ (H) : Flange



(with Flange)



(without Flange)

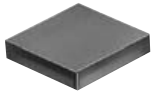
⑦ 【Color plate 】 (Distinguished by Appearance)

Color Plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
Blue	6
(Without Color plate)	X

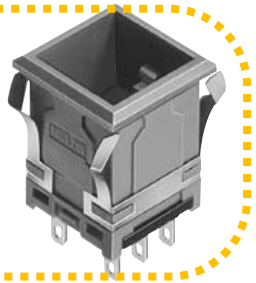
※ Ref. (I)

※ (F) : Button

※ (I) : Color plate



(Housing)

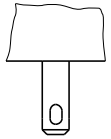


EH　Full-Face, Dual color

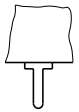
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

⑧【Terminal Shape】(Distinguished by Appearance)

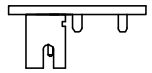
Terminal shape	Product code
Solder tab terminal #110	P
PC board terminal	C
Connector with Accessories	K
Connector without Accessories	N



(Solder tab terminal #110)



(PC board terminal)



(Connector)

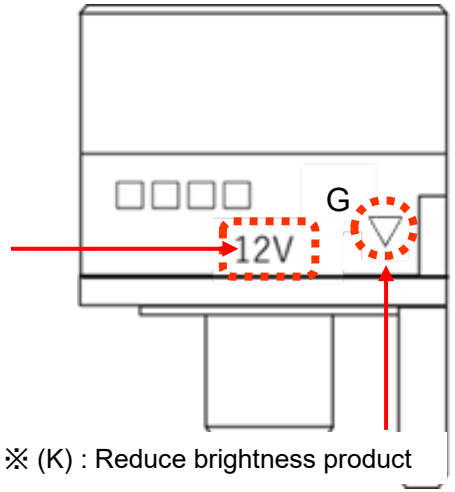
⑨【Illumination voltage】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
5V	1
12V	2
24V	3
5V 0Ω	4
12V 0Ω	5
24V 0 Ω	6

5V, Built-in LED current limiting resistor
12V, Built-in LED current limiting resistor
24V, Built-in LED current limiting resistor
5V [Without LED current limiting resistor]
12V [Without LED current limiting resistor]
24V [Without LED current limiting resistor]

※ Ref. (J)

※ (J) : Illumination voltage



※ (K) : Reduce brightness product

⑩【Reduced brightness product】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
▽	0759
(without)	(Blank)

※ Ref. (K)

EH　Full-Face, Dual color

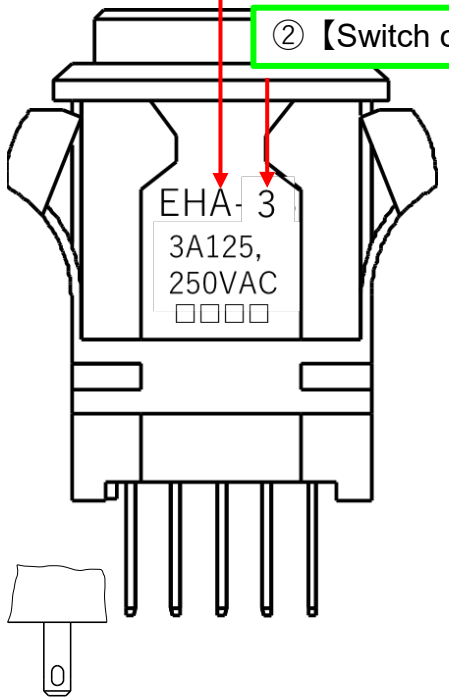
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】
② 【Switch contact】
③ 【Button shape / Illumination type】
④ 【LED color】
⑤ 【 Button color】
⑥ 【Housing color】
⑦ 【Color plate】
⑧ 【Terminal shape】
⑨ 【Illumination voltage】
⑩ 【Reduced brightness product】

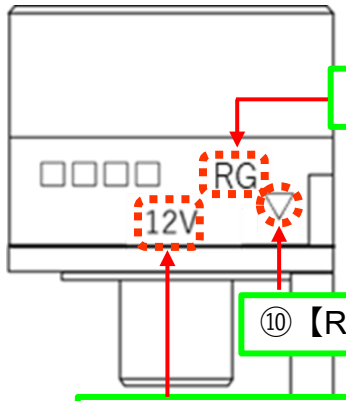
ex.) EHA—3S37080CH4P20759
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】 A

② 【Switch contact】 3



[Light Cartridge]



③ 【Button shape / Illumination type】
Square・Flat Button ：S3

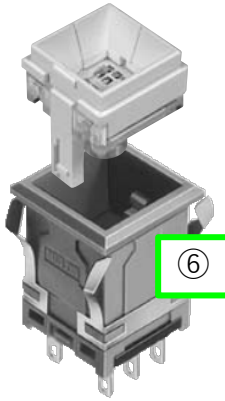
⑤ 【Button color】 Clear：C

④ 【LED color】 RG：7080

⑦ 【Color plate】 Milk-White ：4

⑩ 【Reduced brightness product】 ▽ : 0759

⑨ 【Illumination voltage】 12V : 2



⑥ 【Housing color】 Gray, with Flange ：H

⑧ 【Terminal shape】 Solder tab terminal #110 : P

EH　2-Split-Face

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】

② 【Switch contact】

③ 【Button shape / Illumination type】

④ 【LED color】

⑤ 【 Button color】

⑥ 【Housing color】

⑦ 【Color plate】

⑧ 【Terminal shape】

⑨ 【Illumination voltage】

⑩ 【Reduce brightness product】

EH　2-Split-Face

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

①【Operation】(Distinguished by Marking)

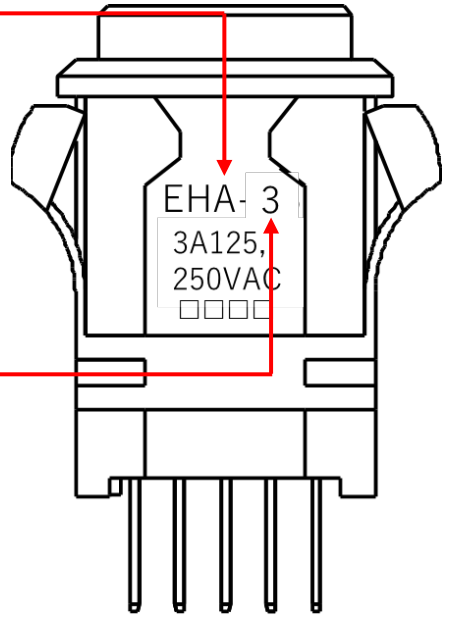
Marking＝Product code

Operation	Product code
Momentary	M
Alternate	A
Indicator	L
Flat indicator	F
Momentary・silent	S

②【Switch contact】(Distinguished by Marking)

Marking＝Product code

Switch contact	Product code
Indicator	0
SPST・Crossbar	1
SPDT・Silver (Gold-Plated)	3
DPDT・Silver (Gold-Plated)	4
SPDT・Crossbar	5
DPDT・Crossbar	6
High reliability type, Indicator	N0
High reliability type, SPST・Crossbar	N1
High reliability type, SPDT・Silver (Gold-Plated)	N3
High reliability type, DPDT・Silver (Gold-Plated)	N4
High reliability type, SPDT・Crossbar	N5
High reliability type, DPDT・Crossbar	N6



EH　2-Split-Face

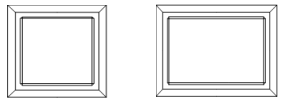
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

③【Button shape / Illumination type】 (Distinguished by Appearance)

Button shape		Illumination type	Product code
Square	Flat	2-Split-Face, Vertical	S1
Square	Flat	2-Split-Face, Horizontal	S2
Square	Concave	2-Split-Face, Vertical	K1
Square	Concave	2-Split-Face, Horizontal	K2
Rectangular	Flat	2-Split-Face, Vertical	W1
Rectangular	Flat	2-Split-Face, Horizontal	W2
Rectangular	Concave	2-Split-Face, Vertical	N1
Rectangular	Concave	2-Split-Face, Horizontal	N2

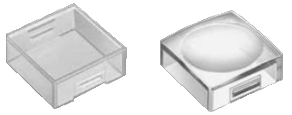
※ Ref. (A)　※ Ref. (B)　※ Ref. (C)

※ (A) : Button Shape



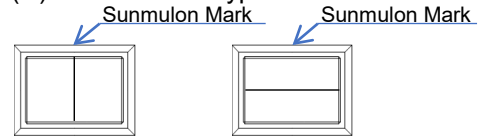
(Square)　(Rectangular)

※ (B) : Button Shape



(Flat)　(Concave)

※ (C) : Illumination type



(2-Split-Face Vertical)　(2-Split-Face Horizontal)

④【LED color 】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
RR	7070
RG	7080
RY	7090
GR	8070
GG	8080
GY	8090
YR	9070
YG	9080
YY	9090

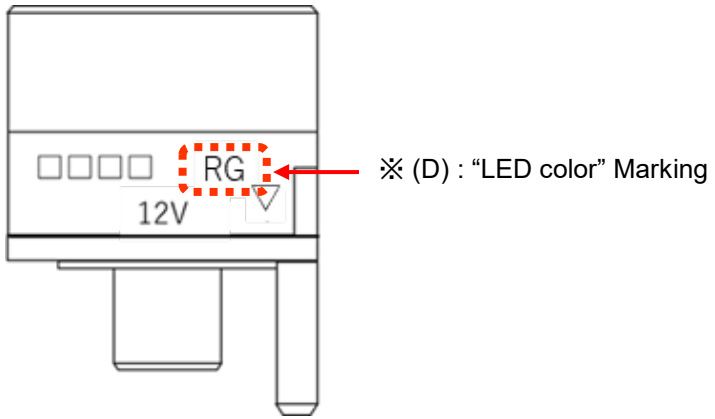
※ Ref. (D)

Marking	Product code
BB	1414
BW	1416
BM	1418
WB	1614
WW	1616
WM	1618
MB	1814
MW	1816
MM	1818

※ Ref. (D)

Marking	Product code
RB	7014
RW	7016
RM	7018
YB	9014
BR	1470
WR	1670
MR	1870
BY	1490

※ Ref. (D)



※ (D) : “LED color” Marking

EH　2-Split-Face

EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

⑤【Button color 】 (Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Blue	B
Clear	C

※ Ref. (E)

⑥ 【Housing color / Flange 】 (Distinguished by Appearance)

Housing color	Product code
Black, with Flange	K
Black, without Flange	KN
Gray, with Flange	H
Gray, without Flange	HN

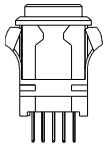
※ Ref. (F)　※ Ref. (G)

※ (F) : Housing color

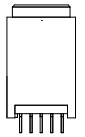
(Black)

(Gray)

※ (G) : Flange



(with Flange)



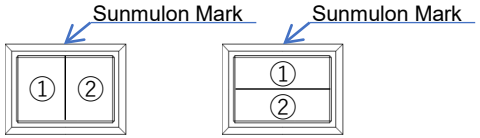
(without Flange)

⑦ 【Color plate 】 (Distinguished by Appearance)

Color Plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
Blue	6
(Without Color plate)	X

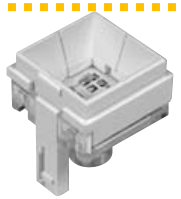
※ Ref. (H)

＊Product code：” 2 digits ” in the order of ① and ②.

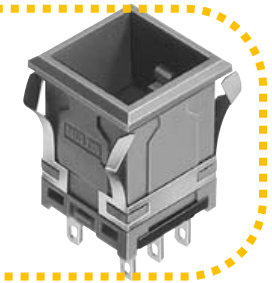


※ (E) : Button

※ (H) : Color plate



(Housing)

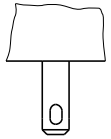


EH　2-Split-Face

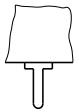
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

⑧【Terminal Shape】(Distinguished by Appearance)

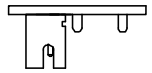
Terminal shape	Product code
Solder tab terminal #110	P
PC board terminal	C
Connector with Accessories	K
Connector without Accessories	N



(Solder tab terminal #110)



(PC board terminal)



(Connector)

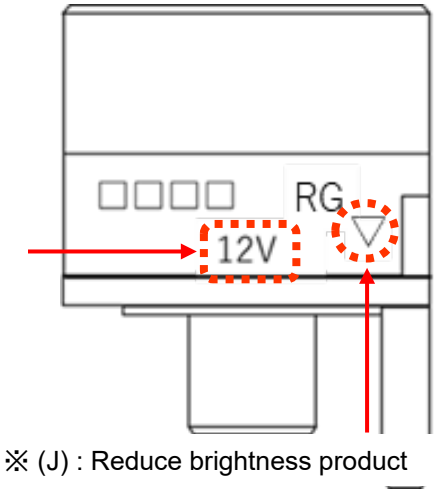
⑨【Illumination voltage】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
5V	1
12V	2
24V	3
0Ω	4

5V, Built-in LED current limiting resistor
12V, Built-in LED current limiting resistor
24V, Built-in LED current limiting resistor
[Without LED current limiting resistor]

※ Ref. (I)

※ (I) : Illumination voltage



※ (J) : Reduce brightness product

⑩【Reduced brightness product】(Distinguished by Marking on the Light Cartridge)

Marking	Product code
▽	0759
(without)	(Blank)

※ Ref. (J)

EH　2-Split-Face

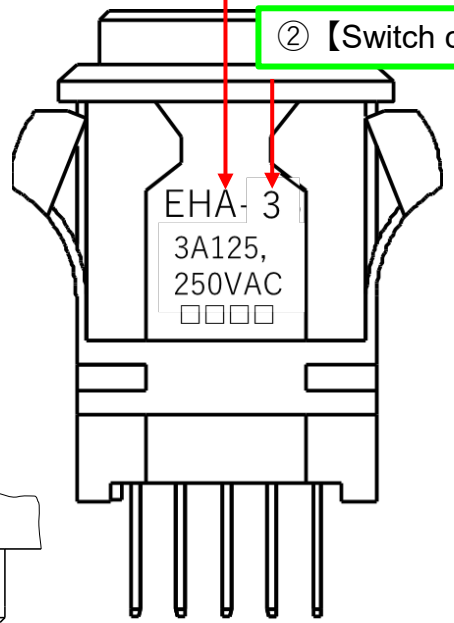
EH ① — ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

① 【Operation】
② 【Switch contact】
③ 【Button shape / Illumination type】
④ 【LED color】
⑤ 【 Button color】
⑥ 【Housing color】
⑦ 【Color plate】
⑧ 【Terminal shape】
⑨ 【Illumination voltage】
⑩ 【Reduce brightness product】

例）　EHA—3S27080CH12P20759
①　②③　④　⑤⑥⑦⑧⑨　⑩

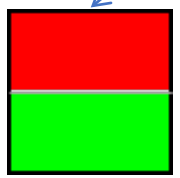
① 【Operation】 A

② 【Switch contact】 3



⑧ 【Terminal shape】 Solder tab terminal #110 : P

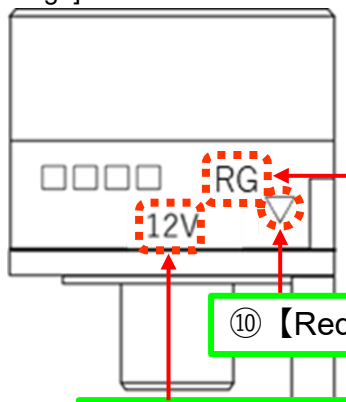
Sunmulon Mark



③ 【Button shape / Illumination type】
Square・Flat Button
2-Split-Face, Horizontal ：S2

⑦ 【Color Plate】 Red・Green：12

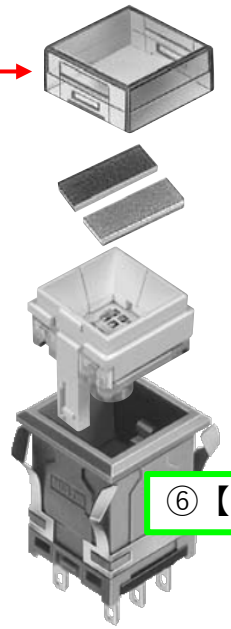
[Light Cartridge]



④ 【LED color】 RG：7080

⑩ 【Reduced brightness product】 ▽ : 0759

⑨ 【Illumination voltage】 12V： 2

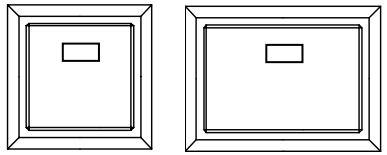


⑤ 【Button color】 Clear ：C

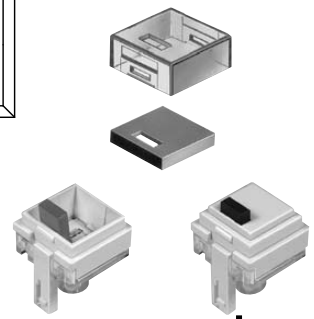
⑥ 【Housing color】 Gray, with Flange ：H

EH -Light Cartridge-

【Button shape】

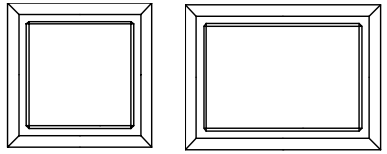


【Illumination type】



Spot Illumination ・・・・ P.2～5

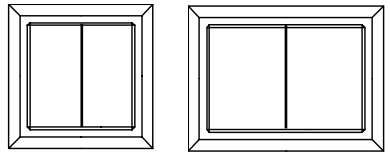
Standby Illumination ・・・・ P.6～9



Full-Face, Single color

Full-Face, Dual color

・・・・ P.10～14

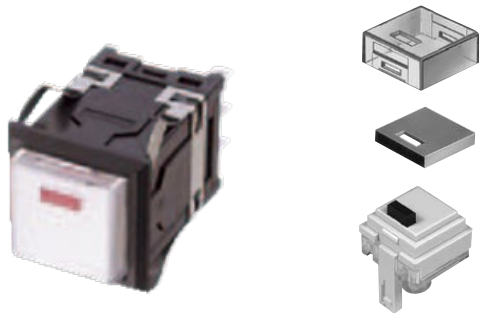


2-Split-Face, Vertical

2-Split-Face, Horizontal

・・・・ P.15～19

EH　Spot Illumination
-Light Cartridge-



EH— ① ② ③ ④ ⑤

① 【Button shape】

② 【LED color】

③ 【Button color】

④ 【Color plate】

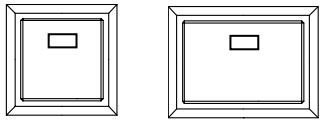
⑤ 【Illumination voltage】

EH　Spot Illumination
-Light Cartridge-

EH— ① ② ③ ④ ⑤

①【Button shape 】(Distinguished by Appearance)

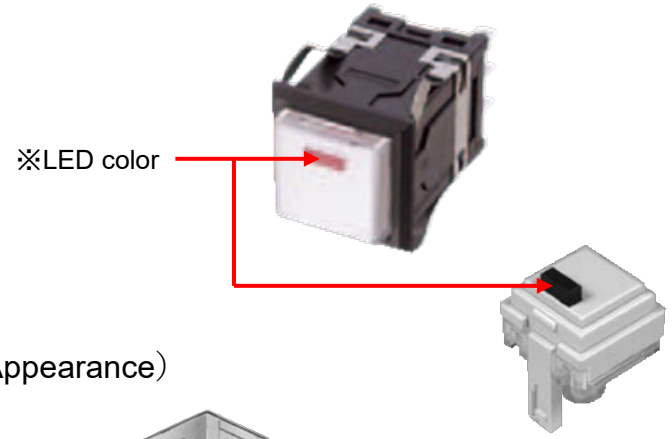
Button shape	Product code
Square	S0
Rectangular	W0



(Square)　(Rectangular)

②【LED color】(Distinguished by Appearance)

LED color	Product code
Red	4
Green	5
Orange Yellow	6

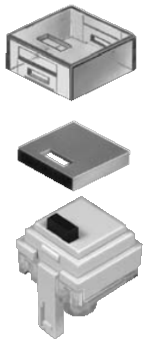


③【Button color】(Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Blue	B
Black	K
Clear	C
(Without Button)	X

(Button)

(Color plate)

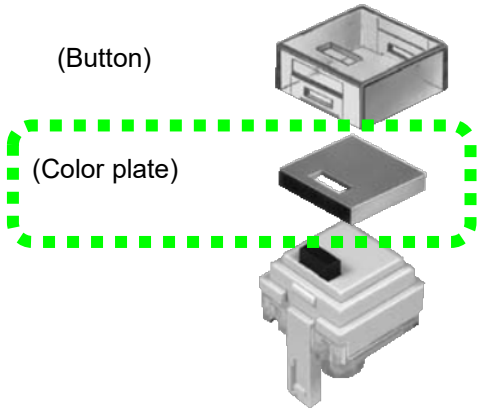


EH　Spot Illumination
-Light Cartridge-

EH— ① ② ③ ④ ⑤

④【Color plate】(Distinguished by Appearance)

Color plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
Blue	6
Black	7
(Without Color plate)	X

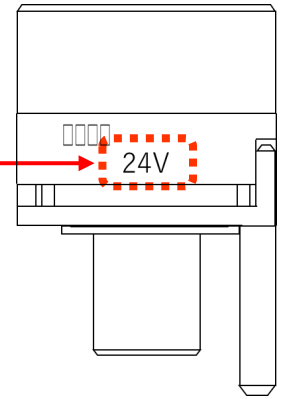


⑤【Illumination voltage】(Distinguished by Marking)

Marking	Product code	
5V	1	5V, Built-in LED current limiting resistor
12V	2	12V, Built-in LED current limiting resistor
24V	3	24V, Built-in LED current limiting resistor
0Ω	4	[Without LED current limiting resistor]

※ Ref. (A)

※ (A) : “Illumination voltage” Marking



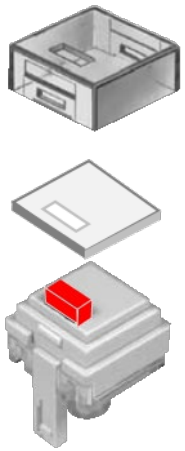
EH　Spot Illumination
-Light Cartridge-

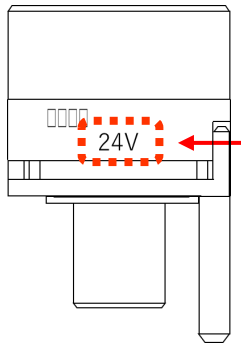
EH—①②③④⑤

①【Button shape】
②【LED color】
③【Button color】
④【Color plate】
⑤【Illumination voltage】

ex.) EH—S04C43
①②③④⑤

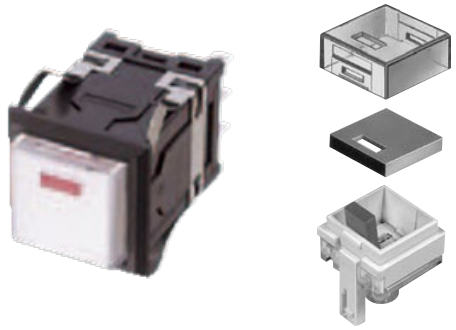
①【Button shape】 Square ：S0
③【Button color】 Clear ：C
④【Color plate】 Milk-White : 4
②【LED color】 Red ：4





⑤【Illumination voltage】 24V : 3

EH　Standby Illumination
-Light Cartridge-



EH— ① ② ③ ④ ⑤ ⑥

① 【Button shape】

② 【LED color (Spot)】

③ 【 LED color (Base) 】

④ 【Button color】

⑤ 【Color plate】

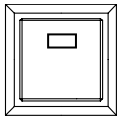
⑥ 【Illumination voltage】

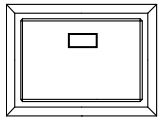
EH　Standby Illumination
-Light Cartridge-

EH—①②③④⑤⑥

①【Button shape 】(Distinguished by Appearance)

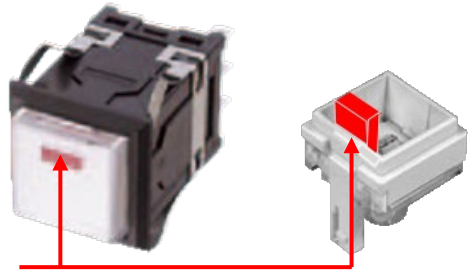
Button shape	Product code
Square	S5
Rectangular	W5


(Square)


(Rectangular)

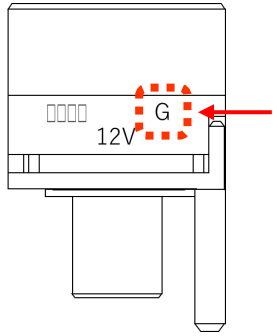
②【LED color (Spot)】(Distinguished by Appearance)

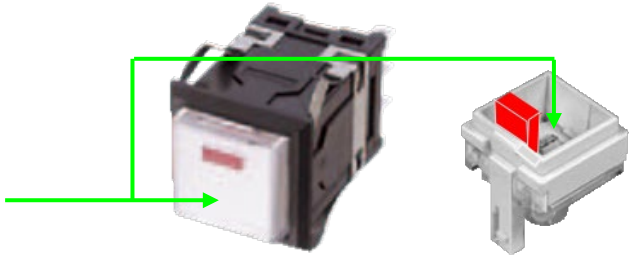
LED color	Product code
Red	4
Green	5
Orange Yellow	6



③【LED color (Base)】(Distinguished by Marking)

Marking	Product code
R	70
G	80
Y	90





EH　Standby Illumination -Light Cartridge-

EH— ① ② ③ ④ ⑤ ⑥

④【Button color】 (Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Clear	C
(Without Button)	X

※ Ref. (A)

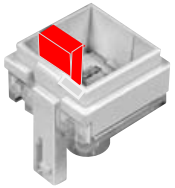
※ (A) : Button

※ (B) : Color Plate

⑤【Color plate】 (Distinguished by Appearance)

Color plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
(Without Color plate)	X

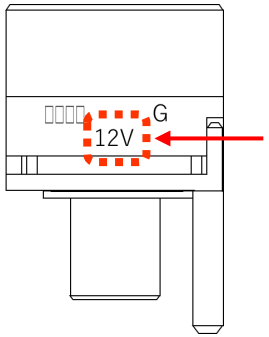
※ Ref. (B)



⑥【Illumination voltage】(Distinguished by Marking)

Marking	Product code	
5V	1	5V, Built-in LED current limiting resistor
12V	2	12V, Built-in LED current limiting resistor
5V 0Ω	4	5V [Without LED current limiting resistor]
12V 0Ω	5	12V [Without LED current limiting resistor]
24V 0 Ω	6	24V [Without LED current limiting resistor]

※ Ref. (C)



※ (C) : “Illumination voltage” Marking

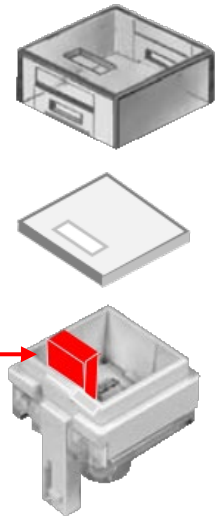
EH　Standby Illumination -Light Cartridge-

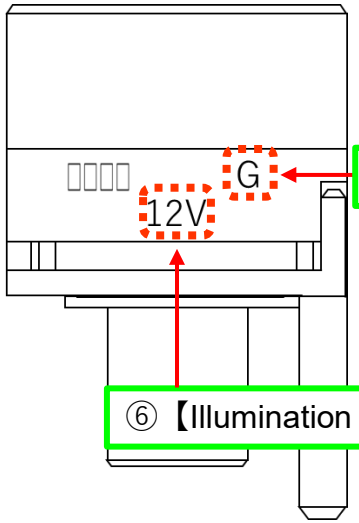
EH—①②③④⑤⑥

①【Button shape】
②【LED color (Spot)】
③【 LED color (Base) 】
④【Button color】
⑤【Color plate】
⑥【Illumination voltage】

ex.) EH—S5480C42
①②③④⑤⑥

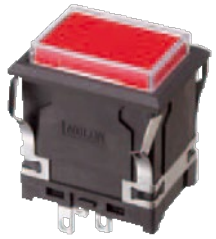
①【Button shape】 Square ：S5
④【Button color】 Clear ：C
⑤【Color plate】 Milk-White ：4
②【LED color (Spot)】 Red ：4

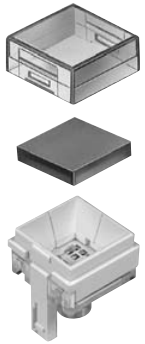




③【LED color (Base)】 G ：80
⑥【Illumination voltage】 12V : 2

EH　Full-Face, Single color / Dual color
-Light Cartridge-





EH— ① ② ③ ④ ⑤ ⑥ ⑦

① 【Dust resistant】

② 【Button shape / Illumination type】

③ 【LED color 】

④ 【Button color】

⑤ 【Color plate】

⑥ 【Illumination voltage】

⑦ 【Reduce brightness product】

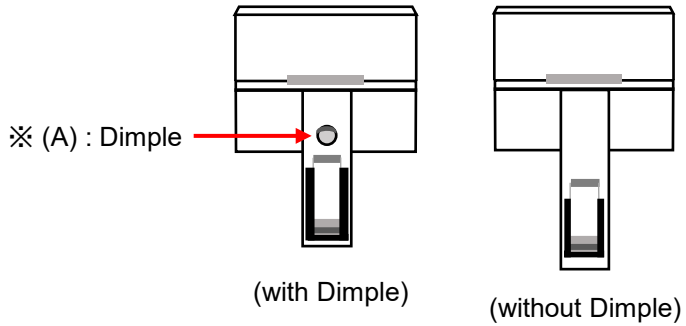
EH　Full-Face, Single color / Dual color
-Light Cartridge-

EH—①②③④⑤⑥⑦

①【Dust resistant】 (Distinguished by Appearance)

Dimple	Product code
with Dimple	N
(without)	(Blank)

※ Ref. (A)

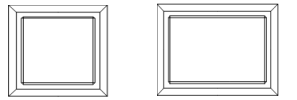


②【Button shape / Illumination type】 (Distinguished by Appearance and Marking)

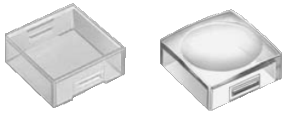
Button shape		" LED color" Marking	Product code
Square	Flat	”Without Marking” or ” 1 digit”	S0
Square	Flat	” 2 digit ”	S3
Square	Concave	”Without Marking” or ” 1 digit”	K0
Square	Concave	” 2 digit ”	K3
Rectangular	Flat	”Without Marking” or ” 1 digit”	W0
Rectangular	Flat	” 2 digit ”	W3
Rectangular	Concave	”Without Marking” or ” 1 digit”	N0
Rectangular	Concave	” 2 digit ”	N3

※ Ref. (B)　※ Ref. (C)　※ Ref. (D)

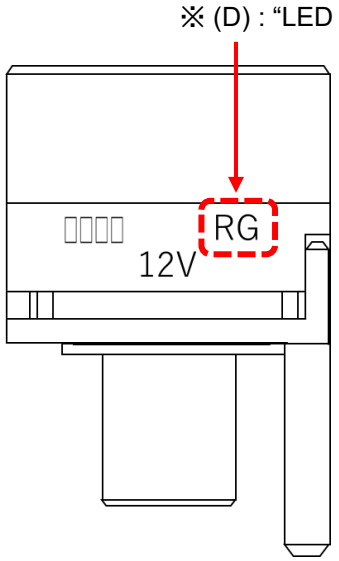
※ (B) : Button Shape



※ (C) : Button Shape



※ (D) : “LED color” Marking



EH　Full-Face, Single color / Dual color
-Light Cartridge-

EH— ① ② ③ ④ ⑤ ⑥ ⑦

③【LED color 】(Distinguished by Marking)

Marking	Product code
R	70
G	80
Y	90
B	14
W	16
M	18

※ Ref. (D)

Marking	Product code
RG	7080
GY	8090
YR	9070
RB	7014
RW	7016
RM	7018

※ Ref. (D)

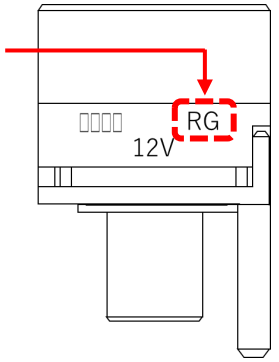
Marking	Product code
YB	9014
BW	1416
WM	1618
MB	1814

※ Ref. (D)

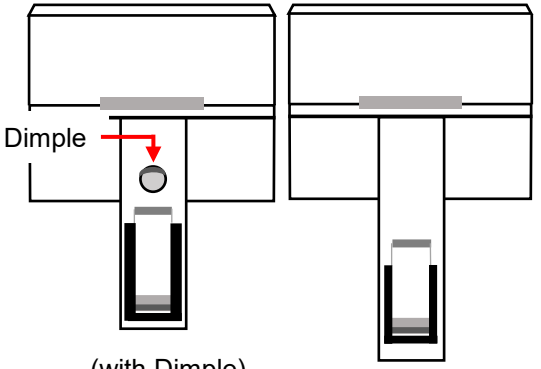
Marking	Dimple	Product code
(Without)	With Dimple	X
(Without)	Without Dimple	(Blank)

※ Ref. (D)　※ Ref. (A)

※ (D) : “LED color” Marking



※ (A) : Dimple



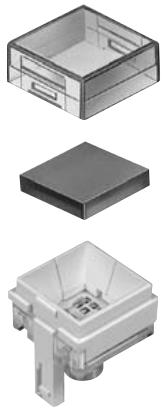
(with Dimple)　(without Dimple)

④【Button color】(Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Clear	C
Blue	B
Black	K
(Without Button)	X

※ Ref. (E)

※ (E) : Button



EH　Full-Face, Single color / Dual color
-Light Cartridge-

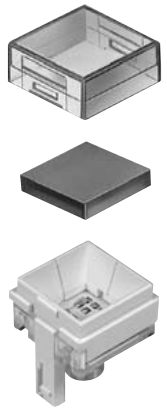
EH— ① ② ③ ④ ⑤ ⑥ ⑦

⑤【Color plate】(Distinguished by Appearance)

Color Plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
Blue	6
Black	7
(Without Color plate)	X

※ Ref. (F)

※ (F) : Color plate



⑥【Illumination voltage】(Distinguished by Marking)

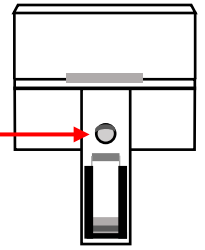
Marking	Product code
5V	1
12V	2
24V	3
5V 0Ω	4
12V 0Ω	5
24V 0 Ω	6

※ Ref. (G)

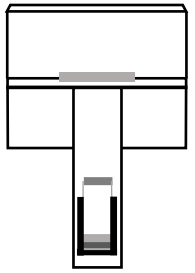
Marking	Dimple	Product code
(Without)	With Dimple	X
(Without)	Without Dimple	(Blank)

※ Ref. (G)　※ Ref. (A)

※ (A) : Dimple

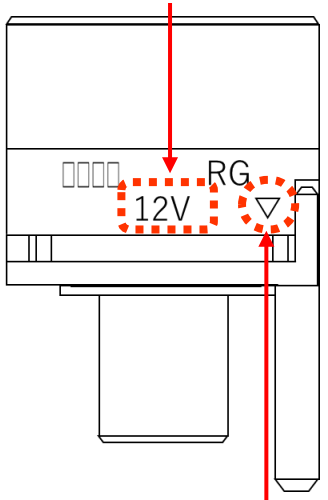


(with Dimple)



(without Dimple)

※ (G) : “Illumination voltage” Marking



※ (H) : “Reduce brightness product” Marking

⑦【Reduced brightness product】(Distinguished by Marking)

Marking	Product code
▽	0759
(without)	(Blank)

※ Ref. (H)

EH　Full-Face, Single color / Dual color
-Light Cartridge-

EH—①②③④⑤⑥⑦

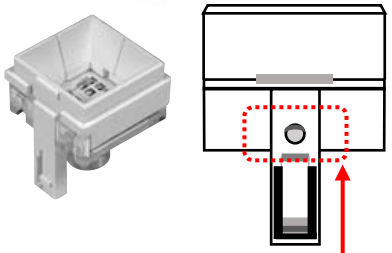
①【Dust resistant】
②【Button shape / Illumination type】
③【LED color 】
④【Button color】
⑤【Color plate】
⑥【Illumination voltage】
⑦【Reduce brightness product】

ex.) EH—NS37080C420759
①②③④⑤⑥⑦

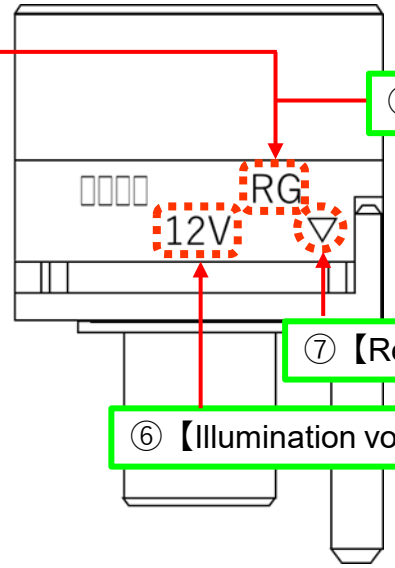
④【Button color】 Clear：C

②【Button shape / Illumination type】
Square・Flat Button
“LED color” Marking= 2 digit ：S3

⑤【Color plate】 Milk-White ：4



①【Dust resistant】 with Dimple：N

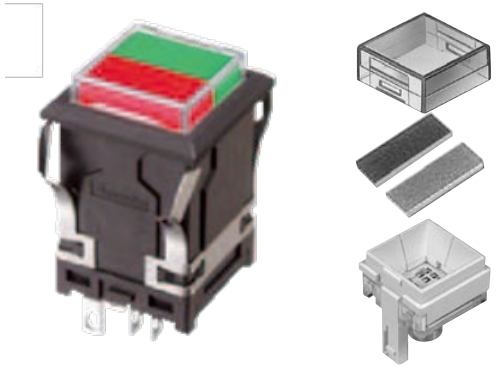


③【LED color】 RG：7080

⑦【Reduced brightness product】 ▽：0759

⑥【Illumination voltage】 12V：2

EH　2-Split-Face
-Light Cartridge-



EH— ① ② ③ ④ ⑤ ⑥ ⑦

① 【Dust resistant】

② 【Button shape / Illumination type】

③ 【LED color 】

④ 【Button color】

⑤ 【Color plate】

⑥ 【Illumination voltage】

⑦ 【Reduce brightness product】

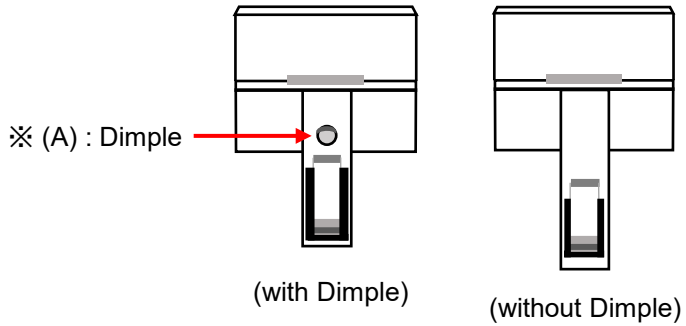
EH　2-Split-Face
-Light Cartridge-

EH—①②③④⑤⑥⑦

①【Dust resistant】 (Distinguished by Appearance)

Dimple	Product code
with Dimple	N
(without)	(Blank)

※ Ref. (A)

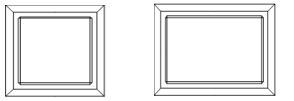


②【Button shape / Illumination type】 (Distinguished by Appearance and Marking)

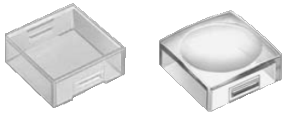
Button shape		Illumination type	Product code
Square	Flat	2-Split-Face, Vertical	S1
Square	Flat	2-Split-Face, Horizontal	S2
Square	Concave	2-Split-Face, Vertical	K1
Square	Concave	2-Split-Face, Horizontal	K2
Rectangular	Flat	2-Split-Face, Vertical	W1
Rectangular	Flat	2-Split-Face, Horizontal	W2
Rectangular	Concave	2-Split-Face, Vertical	N1
Rectangular	Concave	2-Split-Face, Horizontal	N2

※ Ref. (B)　※ Ref. (C)　※ Ref. (D)

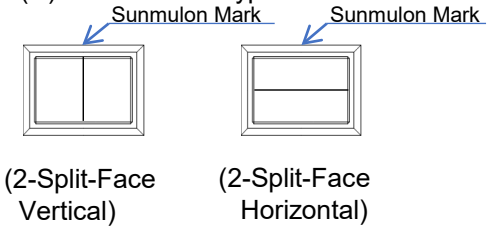
※ (B) : Button Shape



※ (C) : Button Shape



※ (D) : Illumination type



EH　2-Split-Face
-Light Cartridge-

EH— ① ② ③ ④ ⑤ ⑥ ⑦

③【LED color 】(Distinguished by Marking)

Marking	Product code
RR	7070
RG	7080
RY	7090
GR	8070
GG	8080
GY	8090
YR	9070
YG	9080
YY	9090

※ Ref. (E)

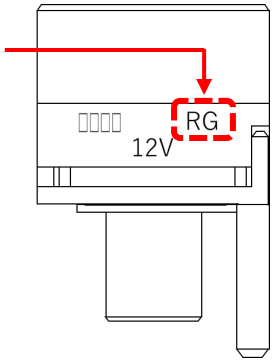
Marking	Product code
BB	1414
BW	1416
BM	1418
WB	1614
WW	1616
WM	1618
MB	1814
MW	1816
MM	1818

※ Ref. (E)

Marking	Product code
RB	7014
RW	7016
RM	7018
YB	9014
BR	1470
WR	1670
MR	1870
BY	1490
(without)	XX

※ Ref. (E)

※ (E) : “LED color” Marking

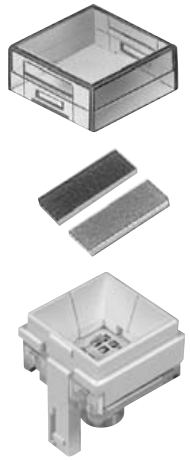


④【Button color】(Distinguished by Appearance)

Button color	Product code
Red	R
Green	G
Orange Yellow	Y
Milk-White	M
Clear	C
Blue	B
(Without Button)	X

※ Ref. (F)

※ (F) : Button



EH　2-Split-Face
-Light Cartridge-

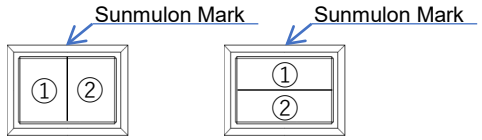
EH— ① ② ③ ④ ⑤ ⑥ ⑦

⑤ 【Color plate】 (Distinguished by Appearance)

Color Plate	Product code
Red	1
Green	2
Orange Yellow	3
Milk-White	4
Blue	6
(Without Color plate)	X

※ Ref. (G)

＊Product code：” 2 digits ” in the order of ① and ②.



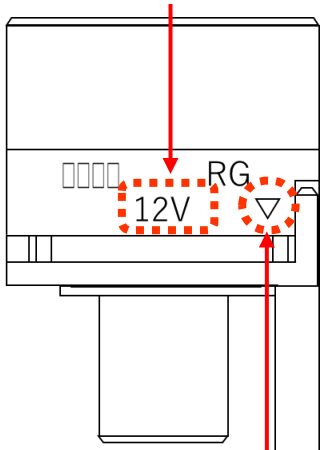
※ (G) : Color plate

⑥ 【Illumination voltage】 (Distinguished by Marking)

Marking	Product code
5V	1
12V	2
24V	3
0Ω	4
5V 0Ω	4
12V 0Ω	5
24V 0Ω	6
(without)	X

※ Ref. (H)

※ (H) : “Illumination voltage” Marking



⑦ 【Reduced brightness product】 (Distinguished by Marking)

Marking	Product code
▽	0759
(without)	(Blank)

※ Ref. (I)

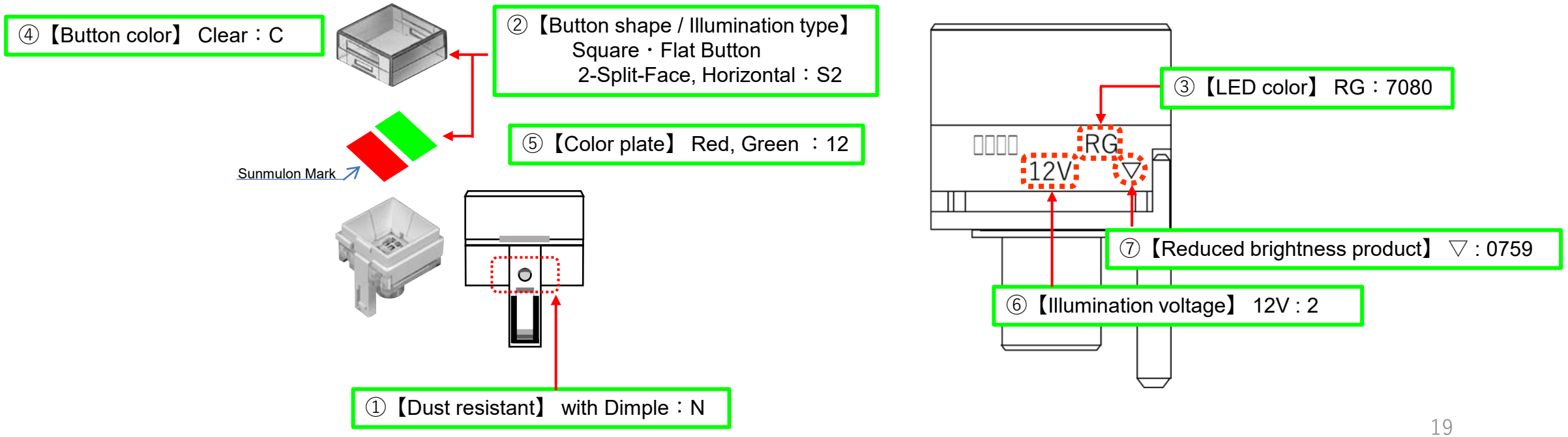
※ (I) : “Reduce brightness product” Marking

EH　2-Split-Face
-Light Cartridge-

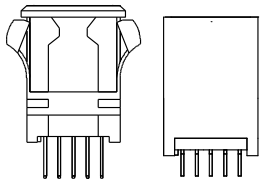
EH—①②③④⑤⑥⑦

①【Dust resistant】
②【Button shape / Illumination type】
③【LED color 】
④【Button color】
⑤【Color plate】
⑥【Illumination voltage】
⑦【Reduce brightness product】

ex.) EH—NS27080C1220759
①②③④⑤⑥⑦



EH -Housing-



EH ① — ② ③ ④ ⑤

① 【Operation】

② 【Switch contact】

③ 【Button shape / Illumination type】

④ 【Housing color / Flange】

⑤ 【Terminal shape】

EH -Housing-

EH ① — ② ③ ④ ⑤

①【Operation】(Distinguished by Marking)

Marking＝Product code

Operation	Product code
Momentary	M
Alternate	A
Indicator	L
Flat indicator	F
Momentary・silent	S

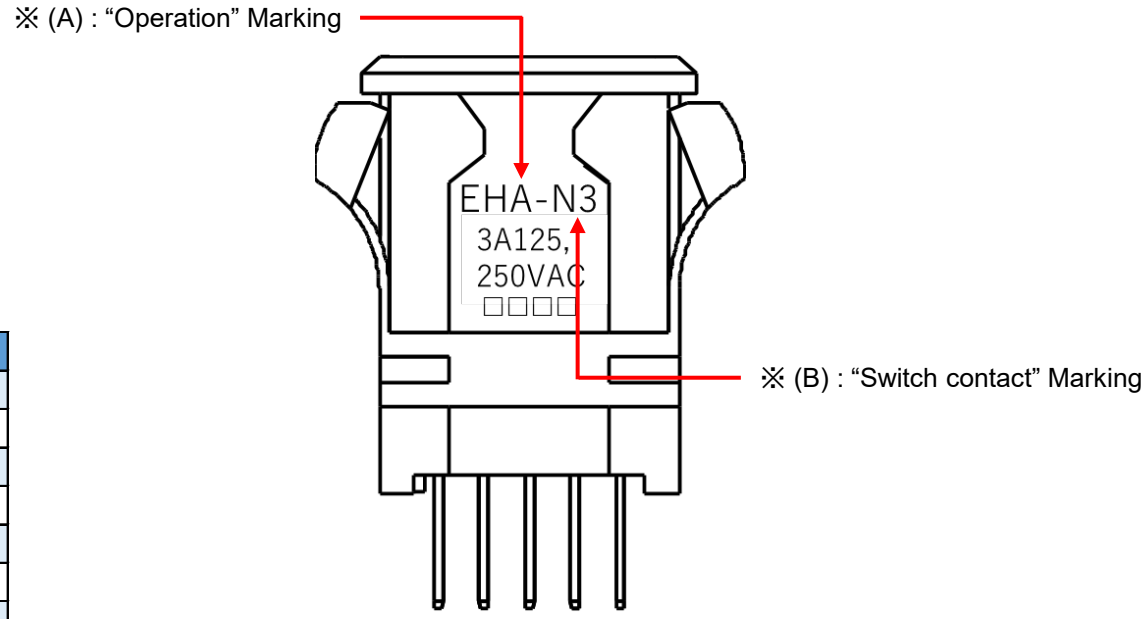
※ Ref. (A)

②【Switch contact】(Distinguished by Marking)

Marking＝Product code

Switch contact	Product code
Indicator	0
SPST・Crossbar	1
SPDT・Silver (Gold-Plated)	3
DPDT・Silver (Gold-Plated)	4
SPDT・Crossbar	5
DPDT・Crossbar	6
Dust resistant type, Indicator	N0
Dust resistant type, SPST・Crossbar	N1
Dust resistant type, SPDT・Silver (Gold-Plated)	N3
Dust resistant type, DPDT・Silver (Gold-Plated)	N4
Dust resistant type, SPDT・Crossbar	N5
Dust resistant type, DPDT・Crossbar	N6

※ Ref. (B)



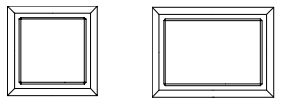
EH -Housing-

EH ① — ② ③ ④ ⑤

③【Button shape / Illumination type】

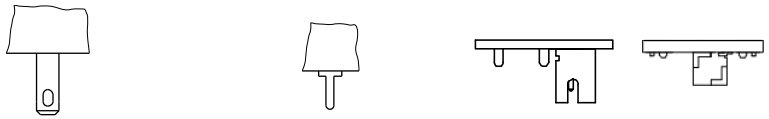
Housing Shape	Terminal Shape	LED terminal	Connection pin	Product code
Square	Solder tab terminal #110. PC board terminal	L+, L-	without	S
Square	Solder tab terminal #110. PC board terminal	L+, L-	2 pin	S0
Square	Solder tab terminal #110. PC board terminal	LC, L1, L2	-	S1
Square	Solder tab terminal #110. PC board terminal	without LED terminal	-	SX
Square	Connector	-	without	S
Square	Connector	-	2 pin	S0
Square	Connector	-	3 pin	S1
Rectangular	Solder tab terminal #110. PC board terminal	L+, L-	without	W
Rectangular	Solder tab terminal #110. PC board terminal	L+, L-	2 pin	W0
Rectangular	Solder tab terminal #110. PC board terminal	LC, L1, L2	-	W1
Rectangular	Solder tab terminal #110. PC board terminal	without LED terminal	-	WX
Rectangular	Connector	-	without	W
Rectangular	Connector	-	2 pin	W0
Rectangular	Connector	-	3 pin	W1
※ Ref. (C)	※ Ref. (D)	※ Ref. (E)	※ Ref. (F)	

※ (C) : Housing shape



(Square) (Rectangular)

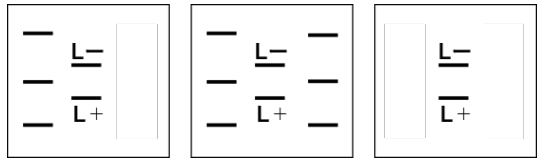
※ (D) : Terminal shape



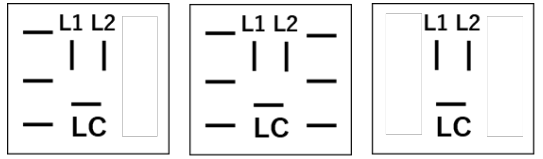
(Solder tab terminal #110) (PC board terminal) (Connector)

※ (E) : LED terminal (bottom view)

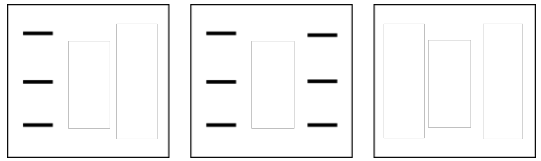
- L+, L-



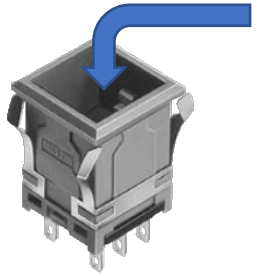
- LC, L+, L-

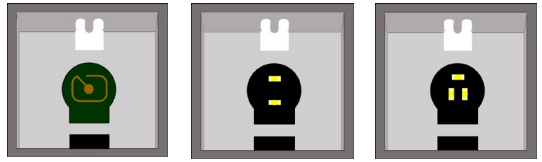


- without LED terminal



※ (F) : Connection pin (inside bottom of Housing)





(without) (2 pin) (3 pin)

EH -Housing-

EH ① — ② ③ ④ ⑤

④【Housing color / Flange 】 (Distinguished by Appearance)

Housing color	Product code
Black, with Flange	K
Black, without Flange	KN
Gray, with Flange	H
Gray, without Flange	HN

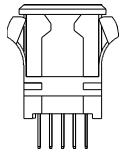
※ Ref. (G) ※ Ref. (H)

※ (G) : Housing color

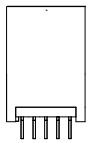
(Black)

(Gray)

※ (H) : Flange



(with Flange)



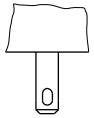
(without Flange)

⑧【Terminal Shape】 (Distinguished by Appearance)

Terminal shape	Product code
Solder tab terminal #110	P
PC board terminal	C
Connector with Accessories	K
Connector without Accessories	N
(Without Terminal)	X

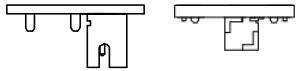
※ Ref. (I)

※ (I) : Terminal shape



(Solder tab terminal #110)

(PC board terminal)



(Connector)

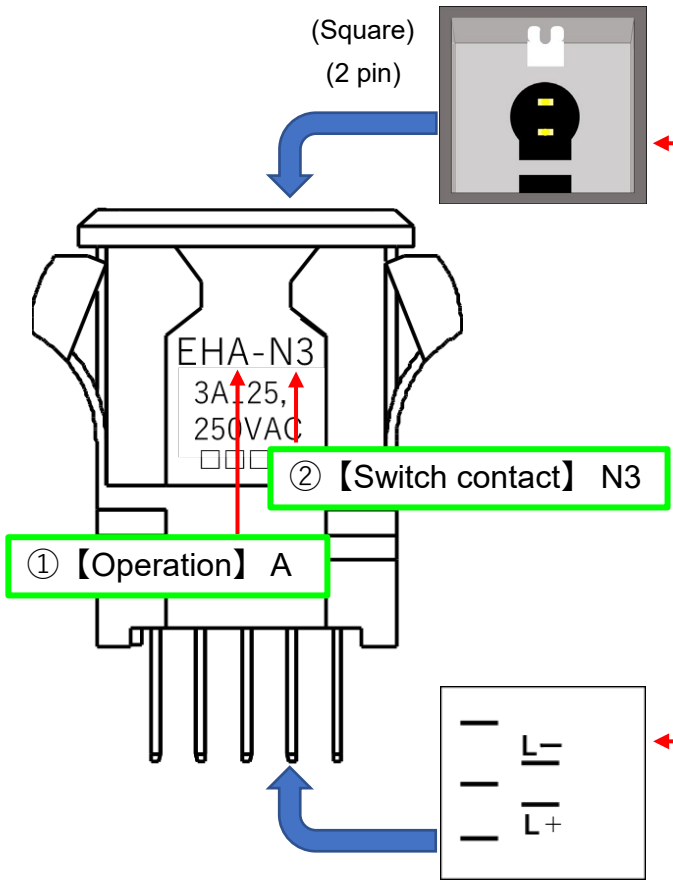
EH -Housing-

EH ① — ② ③ ④ ⑤

① 【Operation】
② 【Switch contact】
③ 【Button shape / Illumination type】
④ 【Housing color / Flange】
⑤ 【Terminal shape】

ex.) EH A — N3 S0 H P
① ② ③ ④ ⑤

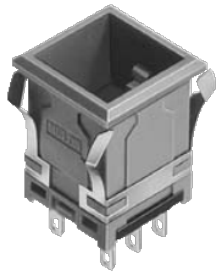
(Square)
(2 pin)



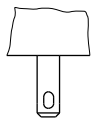
② 【Switch contact】 N3

① 【Operation】 A

③ 【Button shape / Illumination type】
Square
Solder tab terminal#110
“L+, L-” terminal
2 Connection pin ：S0



④ 【Housing color】 Gray, with Flange ：H



⑤ 【Terminal shape】 Solder tab terminal #110 : P