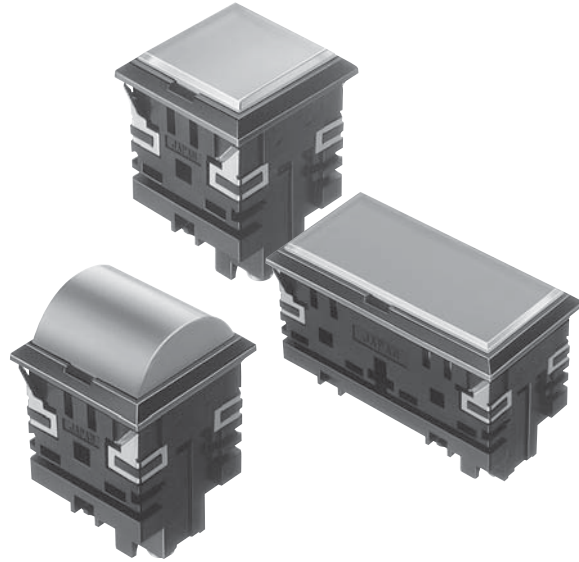


EL LED Indicator

Screw terminal Indicator, Dual-Color, Dome type

■FEATURES

Size and Shape: 25mm square flat type and dome type.
 25×55.2mm tectangular type.
 (External dimensions 31mm Square, 31×62mm Rect.)
 Depth behind panel : Only 42mm
 Terminal : Screw
 Illumination : Full-Face, Split-Face, Dual-Color
 LED Color : Red, Green, Yellow



Mounting Bracket



SPECIFICATIONS

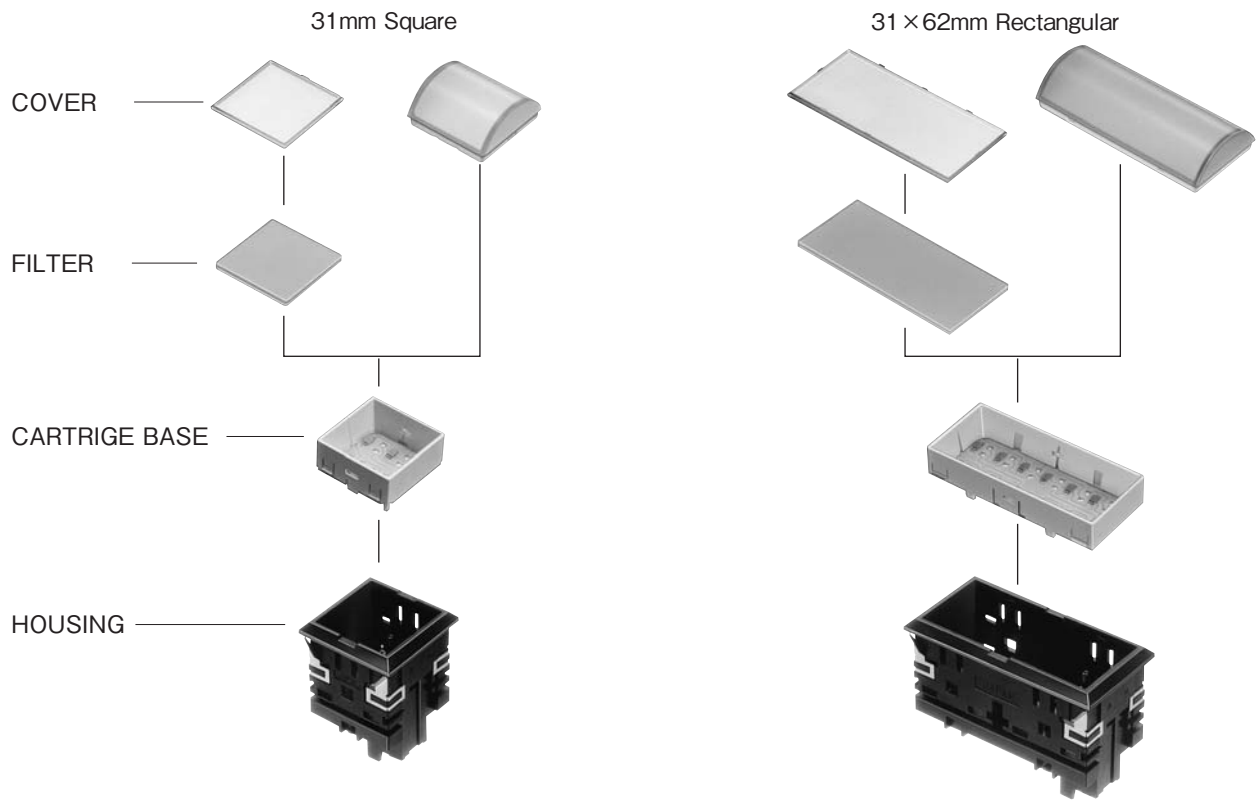
Insulation Resistance	More then 100MΩ at 500V DC
Dielectric Strength	1500V AC RMS between terminals and ground (50/60Hz for 60 sec.)
Reverse Dielectric Strength	150V
Ambient Temperature	-10°C~40°C
Ambient Humidity	45~85%RH

LED DATA

	Supply Voltage (V)	Current Rating (mA)					
		Full-Face All color	Split-Face			Dual-Color	
			Red	Green	Yellow	Red	Green
31×31	DC24 (±10%)	18	15	18		18	18
31×62	DC24 (±10%)	36	15	18		36	36

Note) Simultaneous lighting is impossible for Dual-color type.

STRUCTURE




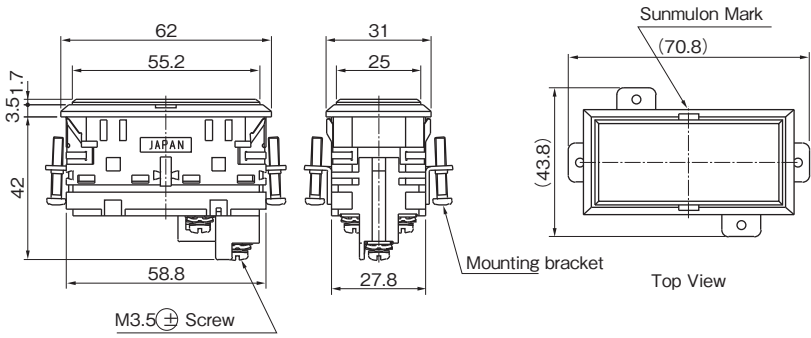

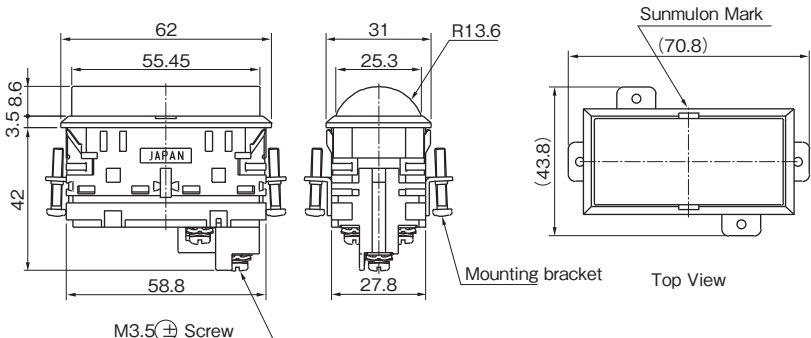
DIMENSIONS

31mm Square	Flat type		<p>M3.5\pm Screw</p> <p>Mounting bracket</p> <p>Top View</p>
	Dome type		<p>M3.5\pm Screw</p> <p>Mounting bracket</p> <p>Top View</p>

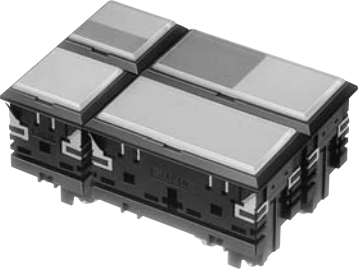
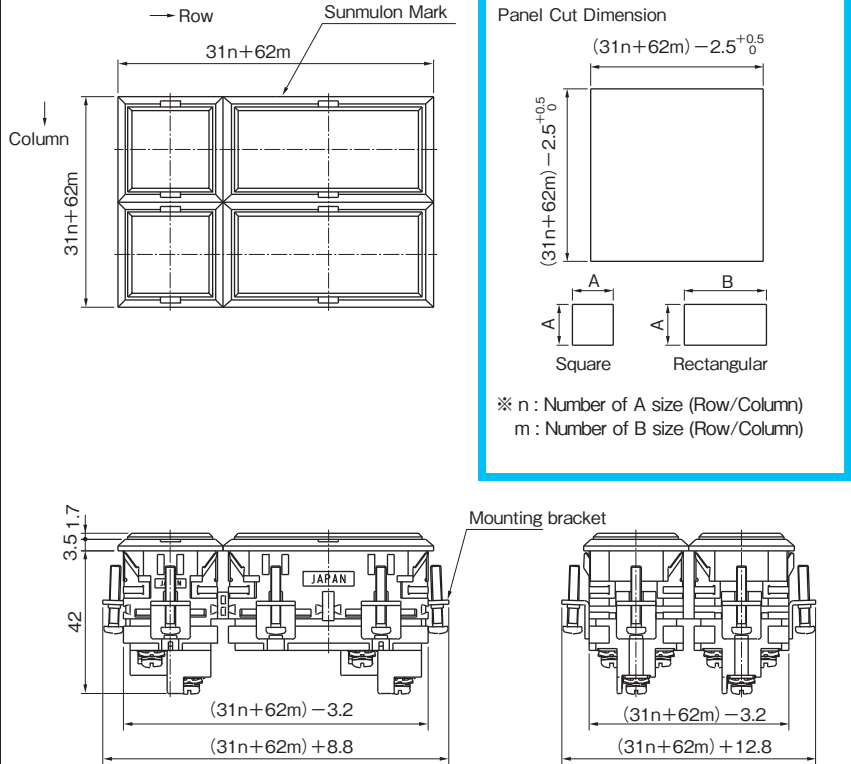
○ Mounting bracket (2pcs) are attached with the product.

Tolerance : $\pm 0.4\text{mm}$

DIMENSIONS

<p>31 x 62mm Rectangular</p>	<p>Flat type</p> 	
<p>Dome type</p>		

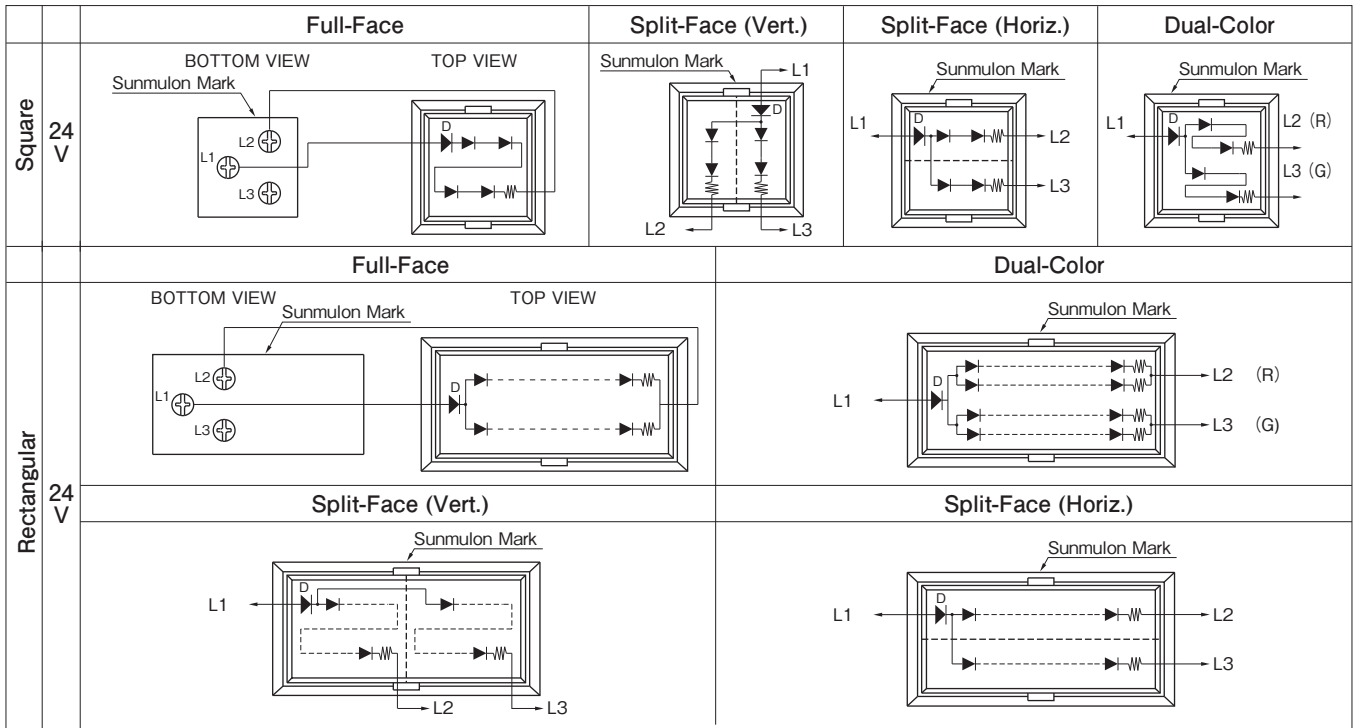
Panel thickness: 1mm~6mm

<p>Matrix Mounting (without Matrix Frame)</p> 	
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© Mounting bracket (2 pcs) are attached with product.

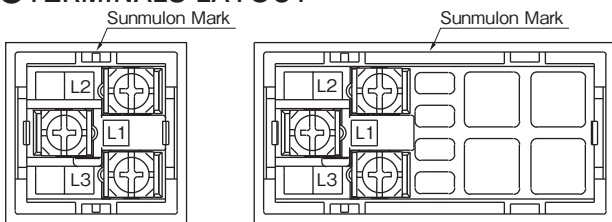
Tolerance : ±0.4mm

INTERNAL CONNECTION ARRANGEMENTS



TERMINALS

TERMINALS LAYOUT

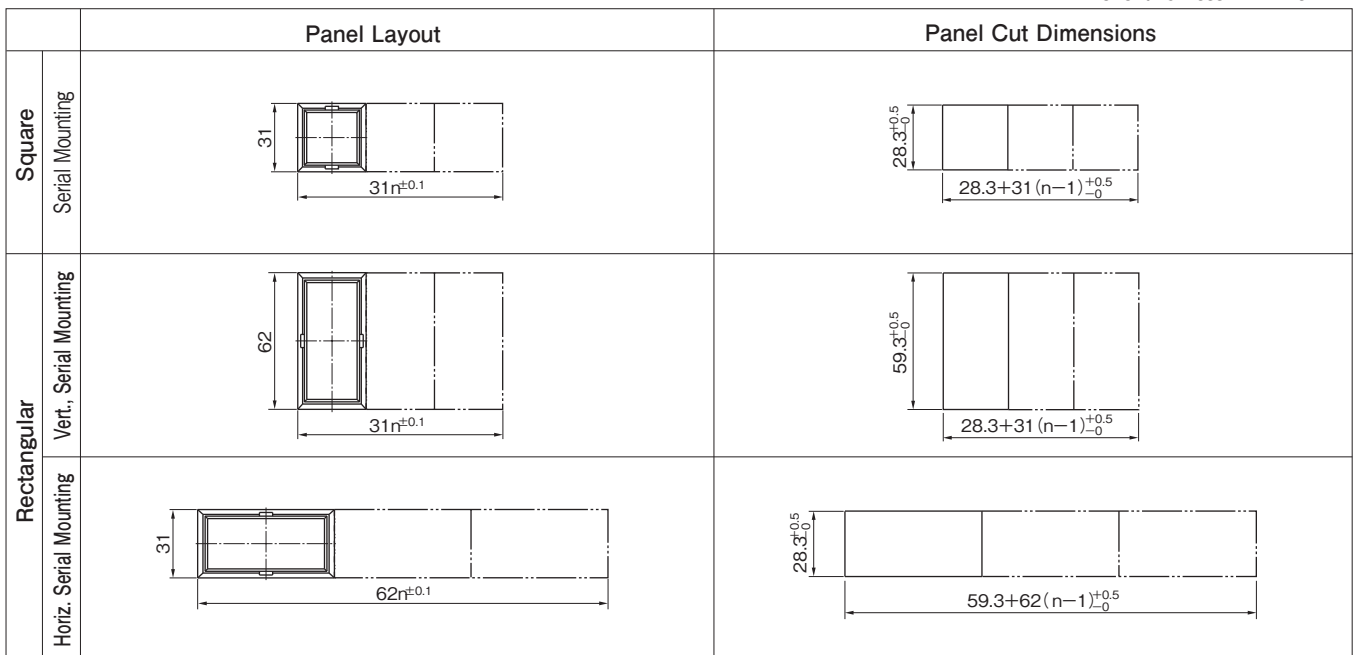


Pin No.	31mm Square, 31×62mm Rect.			
	Full-Face	Split-Face(Vert.)	Split-Face(Horiz.)	Dual-Color
L1	Anode (+)	Anode (+)	Anode (+)	Anode (+)
L2	Cathode (-)	Cathode (-)	Cathode (-)	Cathode (-) R
L3	—	Cathode (-)	Cathode (-)	Cathode (-) G

- 1) Terminals for Split-Face, L2 is frame 1, L3 is frame 2 of each ordering code.
- 2) Dual-Color simultaneous illumination of L2 and L3 terminal is not possible.

PANEL LAYOUT / PANEL CUT DIMENSIONS

Panel thickness: 1mm~6mm



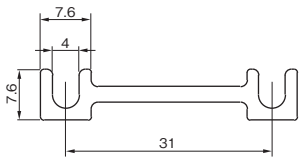
Panel cut dimension should be after panel paintings.

n: number of indicators
Tolerance : ±0.4mm

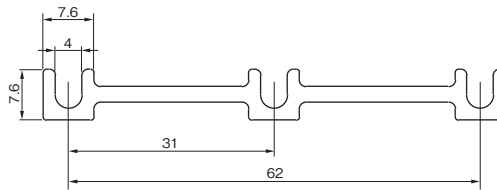
ACCESSORIES

Connecting bar

For crossover wiring of Matrix mounting.

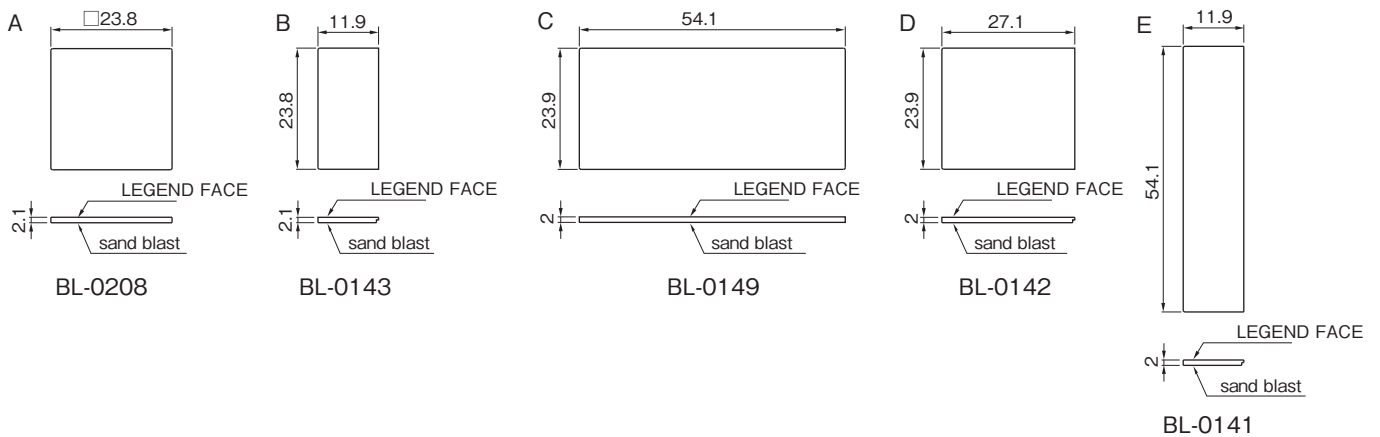


Part No. EL-0400-1



Part No. EL-0400-2

FILTER DIMENSIONS



BL-0208

BL-0143

BL-0149

BL-0142

BL-0141

REPLACEMENT PARTS

COVER

		EL-31 × 31		EL-31 × 62	
Flat type	Clear	EL-0394-CC	EL-0395-CC		
	Red	BL-0322-LR	BL-0323-LR		
Dome type	Green	BL-0322-LG	BL-0323-LG		
	Yellow	BL-0322-LY	BL-0323-LY		
	Milk-White	BL-0322-LM	BL-0323-LM		

FILTER

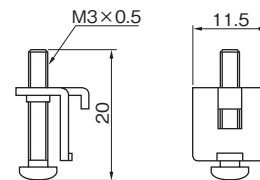
	EL-31 × 31		EL-31 × 62		
	Full-Face	Split-Face	Full-Face	Split-Face(Vert.)	Split-Face(Horiz.)
Red	BL-0208-LR	BL-0143-LR	BL-0149-LR	BL-0142-LR	BL-0141-LR
Green	BL-0208-LG	BL-0143-LG	BL-0149-LG	BL-0142-LG	BL-0141-LG
Yellow	BL-0208-LY	BL-0143-LY	BL-0149-LY	BL-0142-LY	BL-0141-LY
Milk-White	BL-0208-LM	BL-0143-LM	BL-0149-LM	BL-0142-LM	BL-0141-LM
No.	A	B	C	D	E

DIVIDER

	Split-Face Square, Rect. (Vert.)	Split-Face Rect. (Horiz.)
Part No.	BL-0144	BL-0154

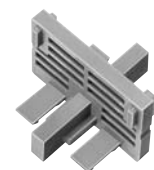
Mounting bracket

EL-0396 (50pcs/pack)



Tolerance : ±0.4mm

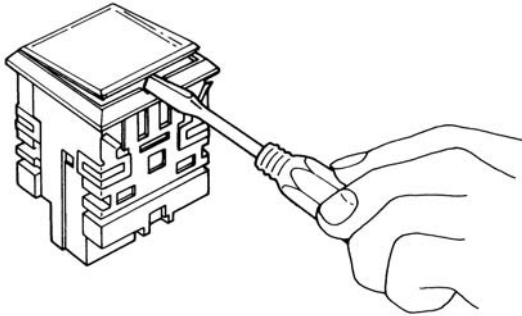
Joint (Use for Matrix mounting)



Part No. BL-0065

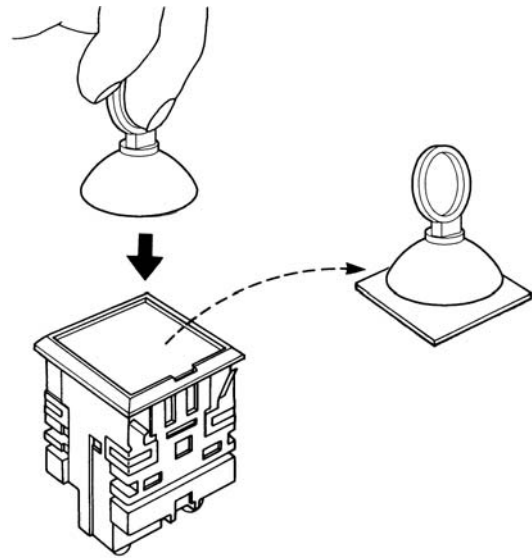
ASSEMBLY & DISASSEMBLY

1. Removing Cover



Insert a flat head screwdriver in the recess in the center and turn it by 90° . Please be careful not to damage the cover.

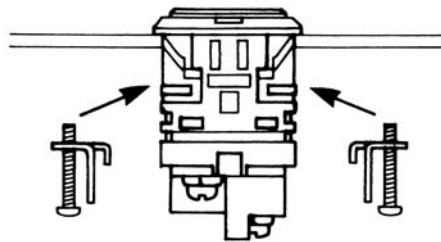
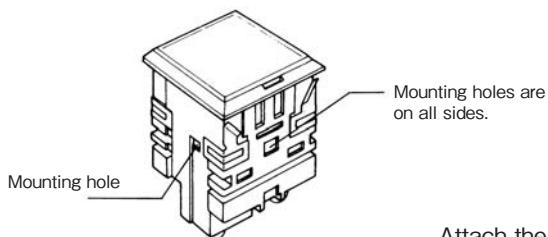
2. Removing Filter



Put it out straight with the removing tool (SJ-0002-1).

3. Fitting Mounting bracket

After inserting the Housing into the panel, attach two of the four places as shown in the figure and tighten and fix the screw.



Attach the mounting bracket to the mounting hole and tighten the screw.

The proper tightening torque of the terminal screw is 0.8N · m to 1.2N · m. Tightening torque of the mounting bracket to 0.2N · m or less.

ORDERING CODE

UNIT

EL - [] [1][2] [] K [1][2] B [] []

●SHAPE & ILLUMINATION

S0	31mm Square, Full-Face
S1	31mm Square, Split, Vert.
S2	31mm Square, Split, Horiz.
S3	31mm Square, Dual-Color
W0	31×62mm Rect., Full-Face
W1	31×62mm Rect., Split, Vert.
W2	31×62mm Rect., Split, Horiz.
W3	31×62mm Rect., Dual-Color

T0	Square Dome-type Full-Face
T3	Square Dome-type Dual-Color
H0	Rect. Dome-type Full-Face
H3	Rect. Dome-type Dual-Color

●LED COLOR

7	Red	Full-Face : Put color no. into the frame 1 Split-Face : Put color no. into the frame 1, 2 Dual-Color : Put color no. 78 into the frame 1, 2
8	Green	
9	Yellow	
X	Without LED	

●Supply Voltage to LED

3	24V
X	Without LED

●MOUNTING

1	For Vertical Mounting
2	For Horizontal Mounting

●HOUSING COLOR

K	Black
---	-------

●FILTER COLOR

1	Red	Full-Face : Put color no. into the frame 1 Split-Face : Put color no. into the frame 1, 2 Dual-Color : Put color no. 4 into the frame 1
2	Green	
3	Yellow	
4	Milk-White	
X	Without Filter (Dome-type)	

●COVER

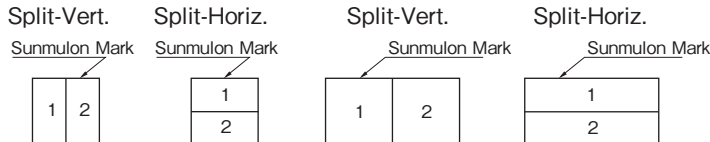
C	Clear
---	-------

●COVER (Dome-type)

R	Red	Y	Yellow
G	Green	M	Milk-White

"Yellow" color for LED, Button, Filter is actually "Orange Yellow".

- 1) In case of Dual-Color, filter color should be Milk-White. Also Dome type, should be Milk-White cover without filter.
- 2) LED color combination of Dual-Color type is 78 (Red, Green) only.
- 3) LED and filter color location of Split-Face type should be specified as follow.



MATRIX INDICATOR

EL - [] X [] X [] [] [] [] []

●COLUMN

01	1
⋮	⋮
05	5

●ROW

01	1
⋮	⋮
05	5

According to user's specification, suffix no. will be given.

In case of Matrix Indicator, please inquiry us how to order.