



BL LED Indicator

Bright and Various Illumination makes easy planning of multiple design.

Easy Matrix Mounting available.

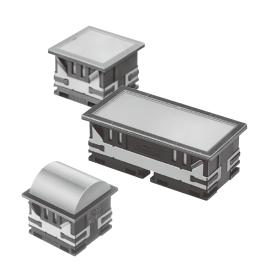
Dome Cover type (easy to look) provided.

Various illumination (Mono Color, Split-Face, 3-color, Negative) available.

■ FEATURES

- Size : 30mm square type.
- 30 60mm rectangular type.
- · Depth behind panel : Only 20mm
- Illumination : Mono-Color, Split-Face, 3-Color (Red, Green, Yellow), Negative
- Dome Cover type (easy to look) available.
- Terminal : Connector Type Mounting : Snap-in Type

(Matrix mounting is possible to use "joint".)



SPECIFICATIONS

Insulation Resistance	More than 100ME at 500V DC
Dielectric Strength	1500V AC RMS between terminals and ground (50/60Hz for 60sec. at normal ambient temperature and humidity)
Reverse Dielectric Strength	150V
Ambient Temperature	10 C~ 40 C
Ambient Humidity	45~80% RH

LED DATA

	DO 0 1 1/1	Current Rating (mA)						
	DC Supply Voltage	Mono-Color		Split-Face		3-Color		
	(V)	Red	Green/Yellow	Red	Green/Yellow	Red	Green	Yellow
30 30	DC12 (5%)	26	40	13	20	26	40	40
30 30	DC24 (5%)	13	20	13	20	13	20	20
20 60	DC12 (5%)	52	80	26	40	52	80	80
30 60	DC24 (5%)	26	40	13	20	26	40	40

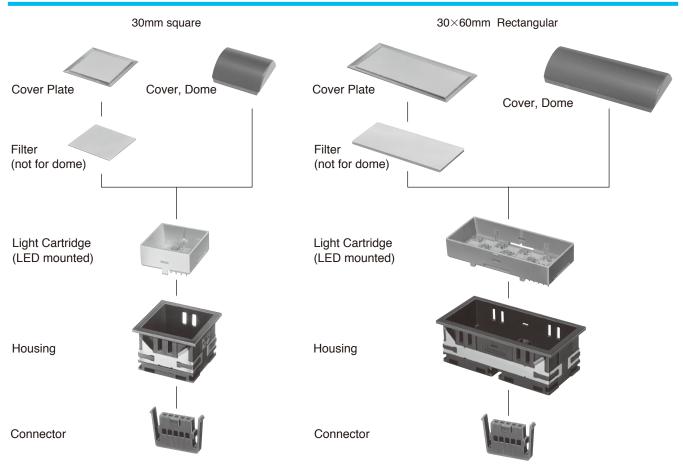
LED DATA (Super BL LED COLOR)

	DC Cumply Voltage	Current Rating (mA)											
	DC Supply Voltage		Mono-Color					Split-Face			3-Color		
	(V)	Red	Green	Yellow	Super Blue	Super White	Super Green	Red	Green	Yellow	Red	Green	Yellow
30×30	DC12 (±5%)	16	34	20	15	11	11	8	17	10	16	34	37
30/30	DC24 (±5%)	8	17	10	8	6	6	8	17	10	8	17	21
30×60	DC12 (±5%)	31	67	41	31	22	22	16	34	20	31	67	67
	DC24 (±5%)	16	34	20	15	11	11	8	17	10	16	34	38

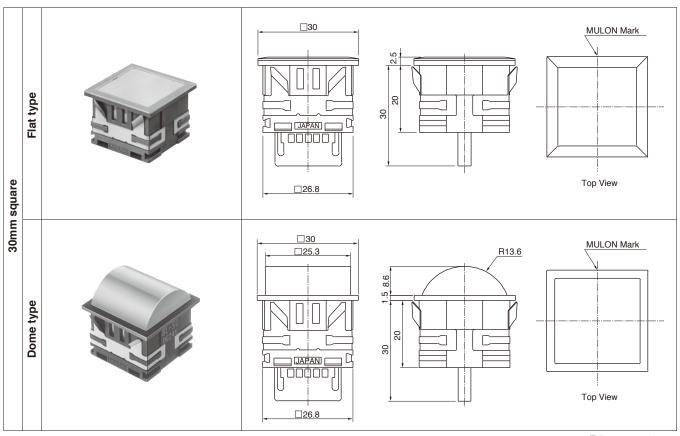
1

BL

STRUCTURE



DIMENSIONS

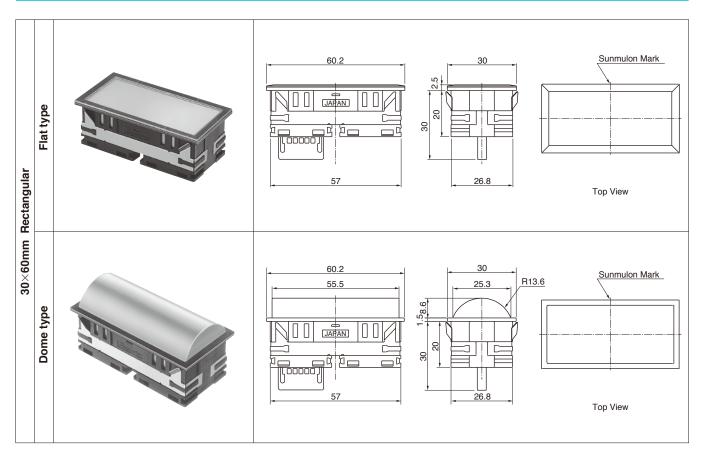


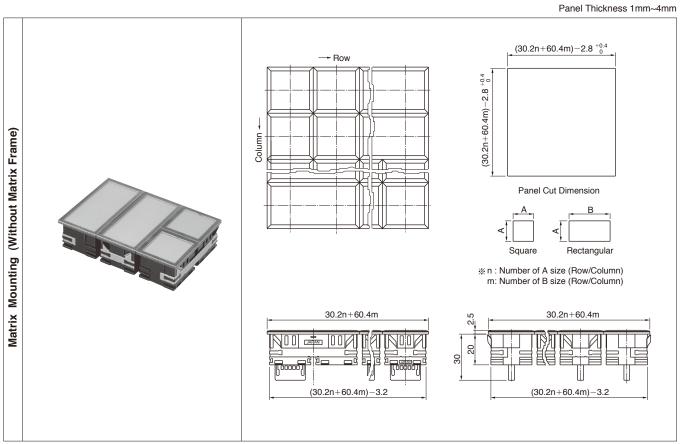
Tolerance : ±0.4mm





DIMENSIONS



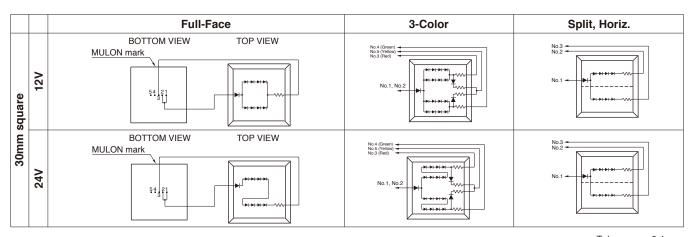


Tolerance : ± 0.4 mm





INTERNAL CONNECTION ARRANGEMENTS

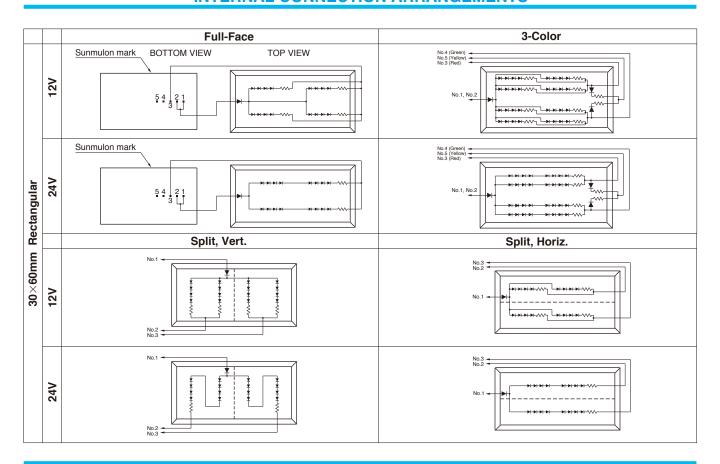


Tolerance : α 0.4mm



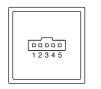


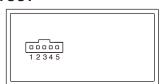
INTERNAL CONNECTION ARRANGEMENTS



TERMINAL

● TERMINAL LAYOUT





CONNECTOR



Suitable wire

Wire size	Diameter
AWG #24-28	1.0-1.5mm

Pin No.	Full-Face	Split, Vert.	Split, Horiz.	3-Color
1	Anode (+)	Anode (+)	Anode (+)	Anode (+)
2	Anode (+)	Cathode (-)	Cathode (-)	Anode (+)
3	Cathode (-)	Cathode (-)	Cathode (-)	Cathode (-) Red
4				Cathode (-) Green
5				Cathode (-) Yellow

 $Note: Simultaneous\ lighting\ is\ impossible\ while\ pin\ no.\ 3,\ 4,\ 5\ for\ 3-Color\ Type,\ also\ impossible\ while\ pin\ no.\ 2,\ 4\ and\ 3,\ 5\ for\ Split-Face\ Dual\ Color\ Type.$

● Super BL LED COLOR

Pin No.	Full-l	Face	Colit	2 Color	
FIII NO.	R, G, Y	SB, SW, SG	Split	3-Color	
1	Anode (+)	Anode (+)	Anode (+)	Anode (+)	
2	Anode (+)	Anode (+)	Cathode (-)	Anode (+)	
3	Cathode $(-)$	Cathode (-)	Cathode (-)	Cathode (-) Red	
4		Cathode (-)		Cathode (-) Green	
5				Cathode (-) Yellow	



Panel Cut Dimensions

Panel Layout Panel Cut Dimensions

Panel Usyout Panel Cut Dimensions

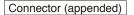
Panel Monuting

Serial Monuting

Seria

n : number of indicators

ACCESSORIES



Part No. BL-0077



Contact Pin

Honda Tsushin Kogyo made (HKP-F403)

Connector (1Housing & 5 Contact Pins) to be appended.

Joint (Use for Matrix mounting)

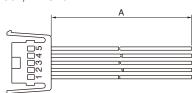


Part No. BL-0065

 $Tolerance: \pm 0.4 mm$

Wire Harness

Wire: UL1061, AWG26



Pin no.	1	2	3	4	5
Color	Red	Green	Yellow	Blue	Grey

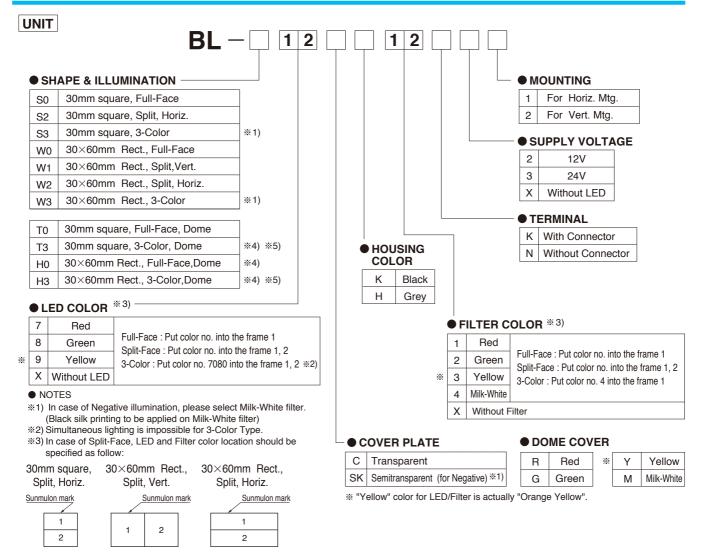
A Length	Part No.
50cm	CL-0230
100cm	CL-0231

Contact Pin press Tool

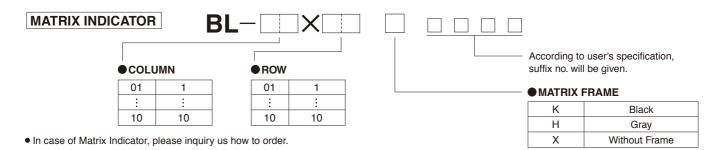


Honda Tsushin Kogyo made (KP-309)

ORDERING CODE I

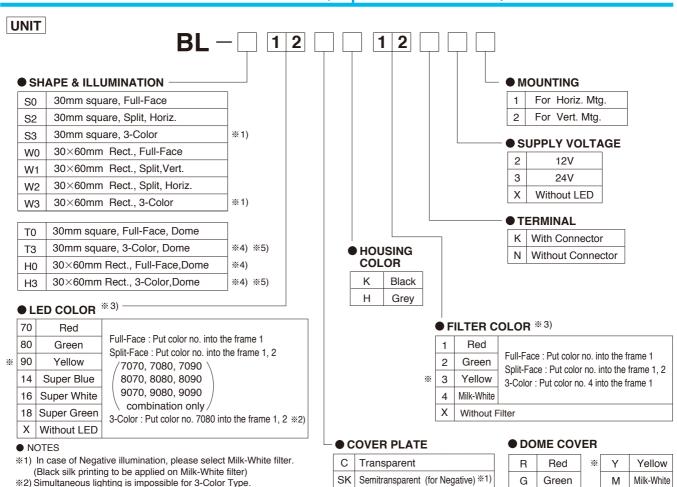


- #4) In case of selecting Dome type, filter is not needed, so please select Without Filter(X)
- *5) Milk-White color filter or dome cover must be selected for 3-Color type.
- %6) Snap-spring metal plates come out Left/Right direction for Vertical Mounting, and Top/Bottom direction for Horizontal Mounting to avoid interfering mutually in case of serial mounting. Therefore, in case of independent use, it does not matter. (select 2 Horizontal ordinary)





ORDERING CODE II (Super BL LED COLOR)



* "Yellow" color for LED/Filter is actually "Orange Yellow".

**3) In case of Split-Face, LED and Filter color location should be specified as follow:
 30mm square, 30×60mm Rect., 30×60mm Rect.,

30mm square, Split, Horiz. Split, Vert. Split, Horiz.

Sunmulon mark Sunmulon mark Sunmulon mark Sunmulon mark

1 1 2 1 1 2

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