

DM LED Indicator

UNIQUE DESIGN AND ILLUMINATION.

Newly designed dome type LED indicator. It is usefull to indicate various status and informations with multiple colors and split-faces. It is also good to use as a small light with white LED.

■ FEATURES

- Size : 100×23mm dome shape
- Depth behind panel : Only 23mm (except connector)
- Illumination : Mono-Color, Split-Face(2, 3), Dual-Color
- Super LED series (super green, super blue, super white) availbale.
- Terminal : Connector Type
- Supply Voltage : DC12V, 24V



※ 5 , 10 split-face type also available. (Please inquiry us)

SPECIFICATIONS

Insulation Resistance	More than 100MΩ 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

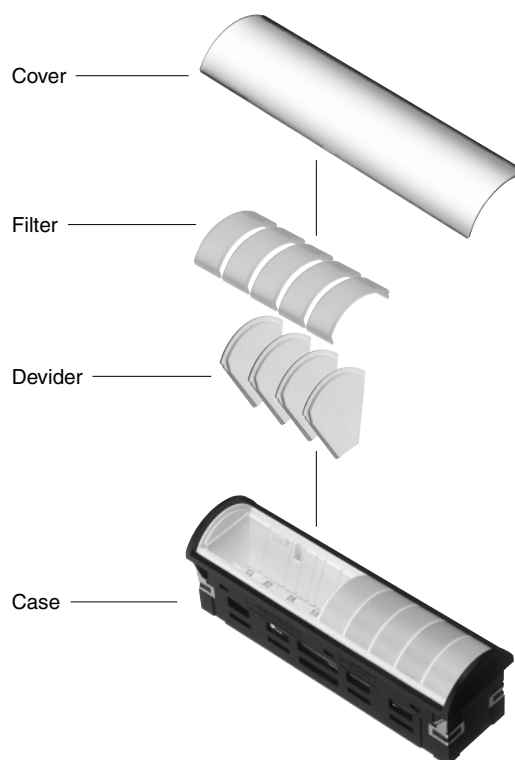
LED DATA

Supply Voltage (V)	Current Rating (mA) for each block			
	3 split-face (Mono/Dual)			
	R	Y	SG	SB/SW
DC12V (±5%)	18	20	10	18
DC24V (±5%)	9	10	5	9

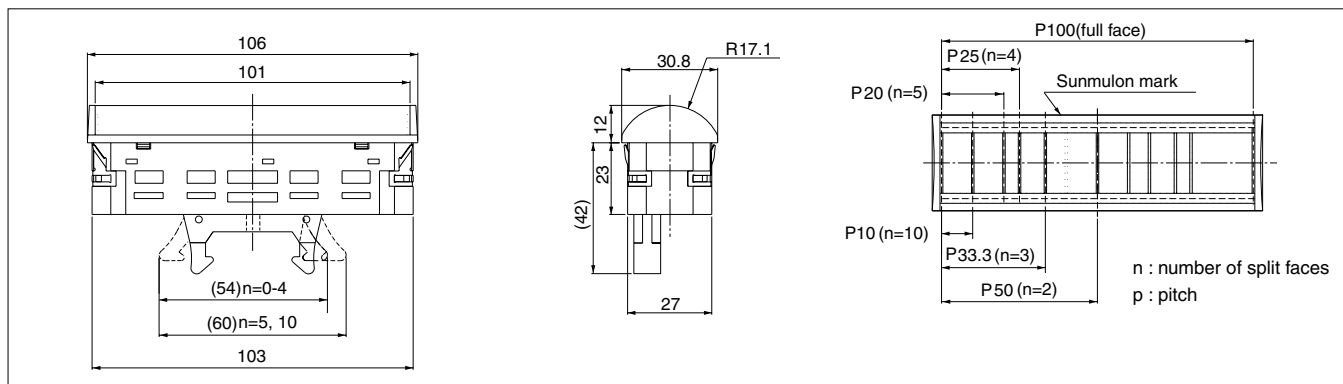
Supply Voltage (V)	Current Rating (mA) for each block							
	2 split-face (Mono/Dual)				full face (Mono/Dual)			
	R	Y	SG	SB/SW	R	Y	SG	SB/SW
DC12V (±5%)	36	40	20	36	54	60	30	54
DC24V (±5%)	18	20	10	18	27	30	15	27

※ R=Red, Y=Yellow, SG=Super Green, SB=Super Blue, SW=Super White

STRUCTURE



DIMENSIONS



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

INTERNAL CONNECTION ARRANGEMENTS

A (+) : Anode (+) K (-) : Cathode (-)

B_N : Block

			3, 2, full face(digram for each block)		
			3 split-face	2 split-face	full face
			TOP VIEW	TOP VIEW	TOP VIEW
			Sunmulon mark		
			B1 B2 B3		
12V	Mono-color				
	Dual-color				
24V	Mono-color				
	Dual-color				

PANEL LAYOUT/PANEL CUT DIMENSION

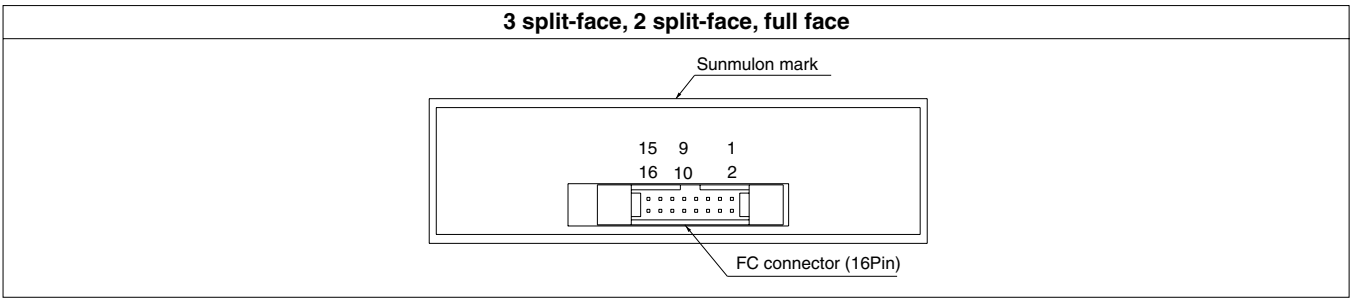
Panel Thickness : 1mm~4mm

		Panel Layout	Panel Cut Dimension
Serial Mounting (Vert.)			

n : number

TERMINAL LAYOUT

● TERMINAL LAYOUT



	Pin no.	1	2	3	4	5	6	7	8	9	10	11	12
3 split-face	Block	B1				B2				B3			
	Mono	A (+)	K (-)	A (+)		A (+)	K (-)	A (+)		A (+)	K (-)	A (+)	
	Dual	A (+)	1K (-)	A (+)	2K (-)	A (+)	1K (-)	A (+)	2K (-)	A (+)	1K (-)	A (+)	2K (-)
2 split-face	Block	B1				B2							
	Mono	A (+)	K (-)	A (+)		A (+)	K (-)	A (+)					
	Dual	A (+)	1K (-)	A (+)	2K (-)	A (+)	1K (-)	A (+)	2K (-)				
full face	Block	B1											
	Mono	A (+)	K (-)	A (+)									
	Dual	A (+)	1K (-)	A (+)	2K (-)								

※ Please provide connector and cables, as we do not provide them.

ORDERING CODE

full face, 2,3split-face

DM — 1 2 3 4 5 1 2 3 4 5

● ILLUMINATION

00	full face
02	2 split-face
03	3 split-face

● HOUSING COLOR

K	Black
H	Grey

● FILTER COLOR ※2)

1	Red
2	Green
3	Yellow
4	Milk-White
6	Blue

● MOUNTING ※6)

1	Vert. Mtg.
2	Horiz. Mtg.

● SUPPLY VOLTAGE

2	12V
3	24V

● LED COLOR ※1)

Mono-color		Dual-color			
R	Red	0	Red, S.Green	5	S.Green, S.Blue
G	S.Green	1	Red, Yellow	6	S.Green, S.White
Y	Yellow	2	Red, S.Blue	7	Yellow, S.Blue
B	S.Blue	3	Red, S. White	8	Yellow, S.White
W	S.White	4	S.Green, Yellow	9	S.Blue, S.White

NOTES

※1) Please select characters (Mono-color) or numbers (Dual-color) and fill in frame.

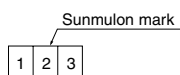
(full face=frame 1, 2 split-face=frame 1, 2 3 split-face=frame1, 2, 3)

※2) In case of White LED illumination and Dual-color, please select filter color as Milk White (4)

※3) "Yellow" color for LED/Filter is actually "Orange Yellow".

※4) S.Blue, S.White, S.Green=Super LED(high bright)

※5) In case of Split-Face, LED and Filter color location should be specified as below:



※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)

※7) 5, 10 split-face type also available. (Please inquiry us)