

Configuration

LED Illuminated

- See page 501 for the combination of illumination windows.
- Lens (acrylic)
- Marking Plate (acrylic) (clear, white, color)
- Lens Frame (resin)

Illumination Face Types

Type F

Type C

Type H

Type L

Type V

Type G

Incandescent Illuminated

- See page 501 for details about lens combination.
- Lens (acrylic)
- Marking Plate (acrylic) (clear, white, color)
- Lens Frame (resin)

LED Illuminated (except for Type C)

Item	Lens	Marking Plate (Color Screen) x 2	Display Color	
			When lamp is off.	When lamp is on.
Clear Lens	Clear	White	Clear	White
		Color Screen (use clear screen for white)	White	Specified Color
		Lambda Converter	White	Pure White
Gray Lens	Gray	White marking plate with black coating (Note)	Clear	Specified Color for legend

- Marking plates include clear marking plate, white screen, color screen, lambda converter, and white marking plate with black coating.
- The order to insert clear marking plate, color screen, and white screen can be interchanged if necessary.
- Markings can be engraved on clear marking plate, white screen, and color screen. Engrave markings on the flat surface of the plate or screen next to the lens.

Note: For white marking plate with black coating, engrave a reverse legend on the black-coated surface.

Incandescent Illuminated and LED Illuminated Type C

Item	Lens	Marking Plate (Color Screen) x 2	Display Color	
			When lamp is off.	When lamp is on.
Clear Lens	Clear	White	Clear	White
Gray	Gray	White marking plate with black coating (Note)	Clear	Specified Color for legend

- The order to insert clear marking plate, color screen, and white screen can be interchanged if necessary.
 - Markings can be engraved on clear marking plate, white screen, and color screen. Engrave markings on the flat surface of the plate or screen next to the lens.
- Note: For white marking plate with black coating, engrave a reverse legend on the black-coated surface.

LED Illuminated

Incandescent Illuminated

- LED Unit
Illumination Color: Amber, blue, green, red, white, yellow, red/green alternate
- LED Lamp (for Type C only, SX6S/8 base)
Illumination Color: Amber, blue, green, red, white, yellow (2 lamps for 1 window equivalent to Type F)
- Frame Cover Black (B)
- Mounting Clip SLC-3K1 (supplied)
- Incandescent Lamp (BA9S/13 base)

Combination Example of 15 Windows

LED Illuminated

Incandescent Illuminated

One-color full

6, 12, 24V AC/DC

One-color full (w/check terminal)

(Except Type C) 24V DC

One-color full (Flasher)

(Type F only) 24V DC

Two-color Alternate

(Except Type C) 24V DC

One-color full

(Except Type C) 100/110V, 200/220V AC

One-color full

(Except Type C) 100/110V DC (Resistor Type)

One-color full

(Except Type C) 110V DC (DC-DC Converter Type)

- 2-way split type is also available in Type H.
- The illustration above shows combination examples of windows. One-window type is available in Type F (see page 477 and 478).

LED Illuminated

Incandescent Illuminated

One-color full

(Except Type C) 6, 12, 18, 24V AC/DC

One-color full

(Except Type C) 100/110, 200/220V AC

One-color full

(Except Type C) 110V AC/DC (Resistor type)

SLC30 Series Combination Display Lights

Specifications (SLC30 Series)

• LED Illuminated

Light Source		LED Unit								LED Lamp		
Input Type		Full Voltage				Transformer	DC-DC Converter	Resistor	Full Voltage			
Illumination Type		One-color One-color w/check terminal (Note 1)		Two-color Alternate	Flasher Type	One-color			One-color × 2 Split-window Type (Type C)			
Fingersafe Spring-up Terminal		Provided (except for check terminal)		(Note 2)		Provided			(Note 2)			
Rated Voltage (Note 3)		6V AC/DC ±5%	12V AC/DC ±10%	24V AC/DC ±10%	24V DC ±10%	24V DC ±10%	100/110V AC ±10% 200/220V AC ±10%	110V DC (90 to 140V DC)	100/110V AC/DC ±10%	6V AC/DC ±10%	12V AC/DC ±10%	24V AC/DC ±10%
Maximum Current Draw (VA)		Same as internal LED unit				—	1.7	1.4	1.5	Same as internal LED		
Illumination Color		Amber, green, red, white, yellow		Amber, blue, green, pure white, red, white, yellow	Red/green Alternate	Amber, blue, green, pure white, red, white, yellow			Amber, blue, green, red, white, yellow			
Standards		UL, c-UL listed, EN compliant						—		—		
Built-in LED Unit/Lamp	Rated Voltage		6V AC/DC	12V AC/DC	24V AC/DC	24V DC	24V AC/DC			6V AC/DC	12V AC/DC	24V AC/DC
	Rated Current	Red, white, yellow	43 mA	23 mA	13 mA	Red:13 mA Green:12 mA	13 mA			7 mA	8 mA	8 mA
		Amber, blue, green	39 mA	21 mA	12 mA (Note 4)		12 mA (Note 4)					
	Illumination Color (code)		Amber (A), blue (S), green (G), red (R), white (W), yellow (Y) (Note 5)			Red (R)/green (G)	Amber (A), blue (S), green (G), red (R), white (W), yellow (Y)			Amber (A), blue (S), green (G), red (R), white (W), yellow (Y)		
	Base		Plug-in unit type						SX6S/8			
	Type No.		(See page 496)				SLDN-32F-*T			LFTD-6*	LFTD-1*	LFTD-2*
No. of Units		1 LED unit per window of basic Type F						1 LED lamp per split-window type				
Flashing Period		—				0.5 ±0.2 sec (fixed duty 1:1) (Note 6)	—			—		
Insulation Resistance		100 MΩ between live and dead parts (500V DC megger)										
Dielectric Strength		2000V AC (1 minute) between live and dead parts				2500V AC (1 minute) between live and dead parts			2000V AC (1 minute)	2000V AC (1 minute) between live and dead parts		
Operating Temperature (Note 7)		-20 to +40°C				-10 to +40°C	-20 to +40°C	-10 to +40°C	-20 to +40°C	-20 to +40°C		
Operating Humidity		45 to 85% RH (no condensation)										

Specify a color code in place of *.

Note 1: The rated voltage for w/check terminal type is 24V DC only.

Note 2: Terminal cover is available (see page 493).

Note 3: 50/60Hz with AC voltage type.

Note 4: Including pure white.

Note 5: Blue LED is 24V AC/DC only. Pure white illumination uses blue LED units.

Note 6: Multiple flasher type units do not synchronize with each other.

Note 7: No freezing

• Incandescent Illuminated

Illumination Type		One-color Full Voltage				One-color Transformer	One-color Resistor
Rated Voltage (Note 1)		6V AC/DC	12V AC/DC	18V AC/DC	24V AC/DC	100/110, 200/220V AC	110V AC/DC
Illumination Color		Amber, blue, green, red, white, yellow					
Built-in Lamp	Rated Voltage	6.3V-1W lamp	18V-1W lamp	24V-1W lamp	30V-1W lamp	6.3V-1W lamp	18V-1W lamp
	Operating Voltage	5 to 6V	12 to 18V	18 to 24V	24 to 30V	5 to 6V	12 to 18V
	Base	BA9S/13					
	Type No.	LS-6	LS-8	LS-2	LS-3	LS-6	LS-8
No. of Lamps		1 lamp per window of basic Type F					
Insulation Voltage		100 MΩ between live and dead parts (500V DC megger)					
Dielectric Strength		2000V AC (1 minute) between live and dead parts				2500V AC (1 minute) between live and dead parts	2000V AC (1 minute) between live and dead parts
Operating Temperature		-20 to +40°C (no freezing)					
Operating Humidity		45 to 85% RH (no condensation)					

Note 1: 50/60Hz with AC voltage type.

Note 2: Terminal cover is available for all incandescent illuminated types (see page 493), except for the resistor type.

• LED/Incandescent Illuminated

Illumination Face Type		Type F (Note 1) (Basic Type)	Type C (Split-window Type)	Type H	Type L	Type V	Type G
Illumination Unit Size (mm)	Window (H × W)	30 × 30	15 × 30	30 × 60	30 × 90	60 × 30	60 × 60
	Illumination Face (H × W)	28 × 28	13 × 28	28 × 58	28 × 88	58 × 28	58 × 58
	White color screen, clear marking plate, color screen (H × W × t)	27 × 27 × 1.0	12 × 27 × 1.0	27 × 57 × 1.0 (Note 2)	27 × 87 × 1.0	57 × 27 × 1.0	57 × 57 × 1.0
	Marking Film	Applicable	—	—	—	—	—
	Engraving Area (white, transparent, color plates)	25 × 25	10 × 25	25 × 55	25 × 85	55 × 25	55 × 55
Material of Marking Plate & Color Screen		Acrylic					
Lens Frame Color & Frame Cover Color		Black (Munsell N1.5 equivalent)					
Connection Wire		Solid wire: ø1.6 × 2, Stranded 2 mm ² × 2					
Terminal Screw		M3.5 screw, Incandescent resistor: M4 nut, Check terminal: M3					
Degree of Protection		IP40					
Pollution Degree		3					

Note 1: Flasher type, pure white illumination, and spot illumination types are available in Type F only.

Note 2: 2-way split type (Type H2) can use 2-way split color screen only.

Flush Silhouette
Control Units
Display Lights
Display Units
Safety Products
Terminal Blocks
Comm. Terminals
AS-Interface
Relays & Timers
Sockets
Circuit Protectors
Power Supplies
PLCs & SmartRelay
Operator Interfaces
Sensors
Control Stations
Explosion Protection
References

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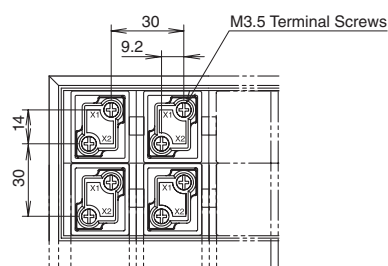
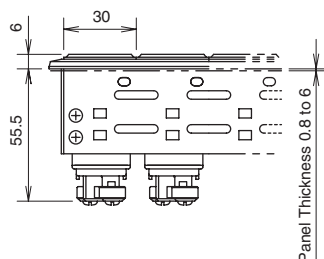
SLC30 Series Combination Display Lights

Dimensions (SLC30 Series)

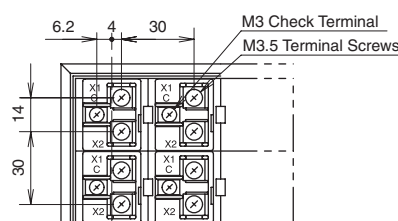
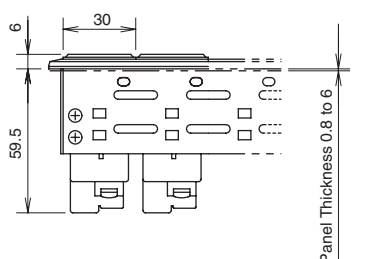
LED Illuminated [Side & Rear Views]

• Type F (Type H, L, V, and G are the same in side and rear views as Type F.)

- Full Voltage Type
- 6, 12, 24V AC/DC
- One-color full

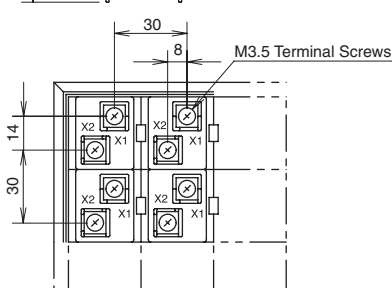
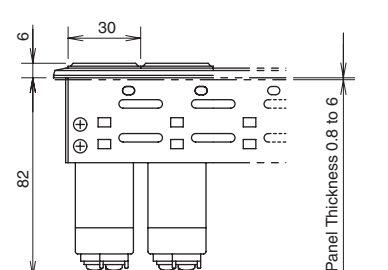


- Full Voltage Type
- One-color full
- w/Check Terminal
- Two-color alternate 24V AC/DC
- For applicable terminal cover, see page 493.



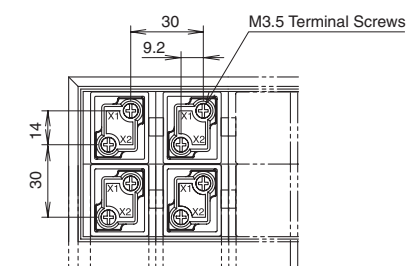
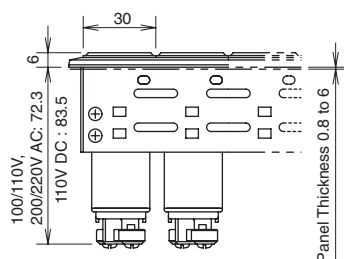
- w/Check Terminal Type
Terminal X1 is a positive pole; Terminal X2 and C (check terminal) are negative poles.
- Two-color Alternate Type
Red (R) illumination: X1 positive, C negative
Green (G) illumination: X1 positive, X2 negative

- Full Voltage Type
- One-color full
- Flasher Type (Type F only)
- For applicable terminal cover, see page 493.



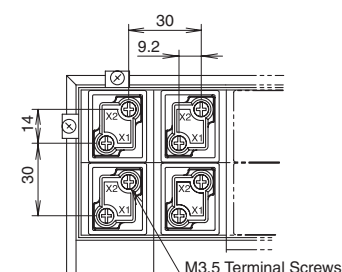
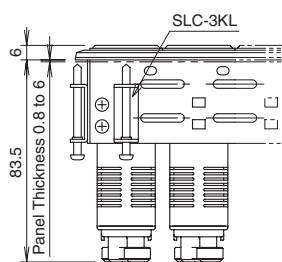
- Terminals X1 and X2 are positive and negative poles, respectively.

- Transformer Type
- One-color full
- 100/110, 200/220V AC/DC
- 110VDC (DC-DC Converter) Type



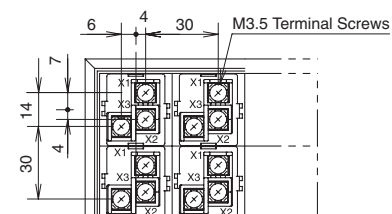
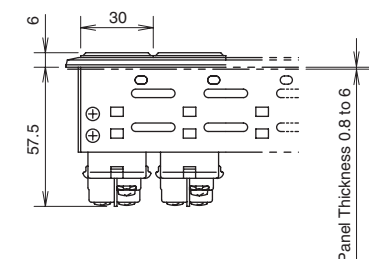
- On LED illuminated DC-DC Converter type units, Terminals X1 and X2 are positive and negative poles, respectively.

- Resistor Type
- One-color full
- 100/110V AC/DC



• Type C

- Full Voltage Type
- 6, 12, 24V AC/DC
- One-color full, 2 x LED lamps, Split-window type



- Terminal X1 is COM terminal.
- For applicable terminal cover, see page 493.

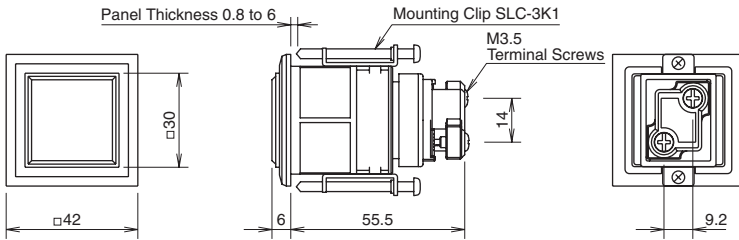
All dimensions in mm.

SLC30 Series Combination Display Lights

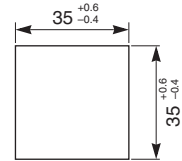
Dimensions (SLC30 Series)

LED Illuminated [One-window, Type F only]

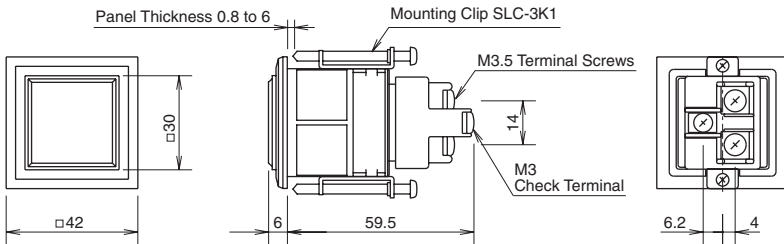
• Full Voltage 6, 12, 24V AC/DC, One-color Full



Panel Cut-out

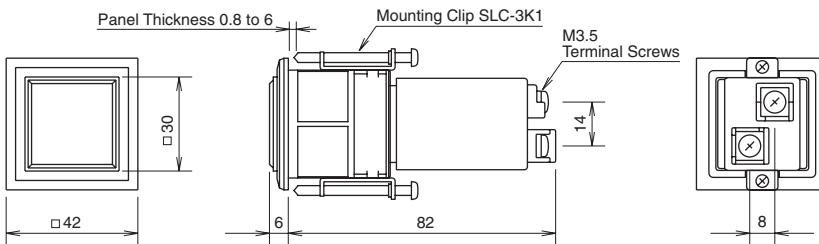


• Full Voltage 24V DC, w/Check Terminal/Two-color Alternate



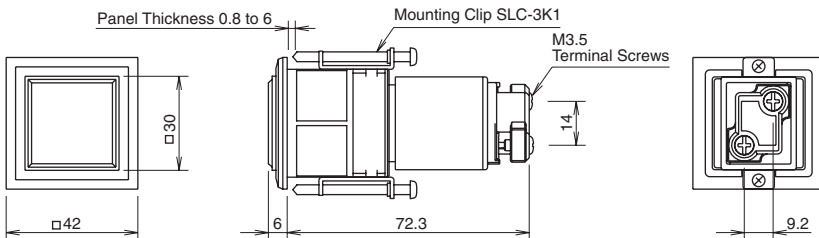
- w/Check Terminal Type
Terminal X1 is a positive pole; Terminals X2 and C (check terminal) are negative poles.
- Two-color Alternate Type
Red (R) illumination: X1 positive, C negative
Green (G) illumination: X1 positive, X2 negative
- See page 493 for terminal covers.

• Flasher Type 12, 24V DC

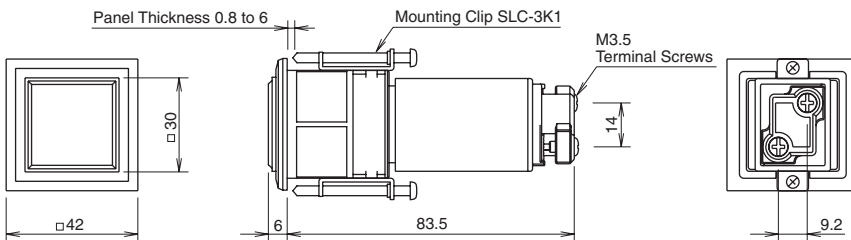


- On LED illuminated flasher type, Terminals X1 and X2 are positive and negative poles, respectively.
- See page 493 for terminal covers.

• Transformer Type 100/110, 200/220V AC

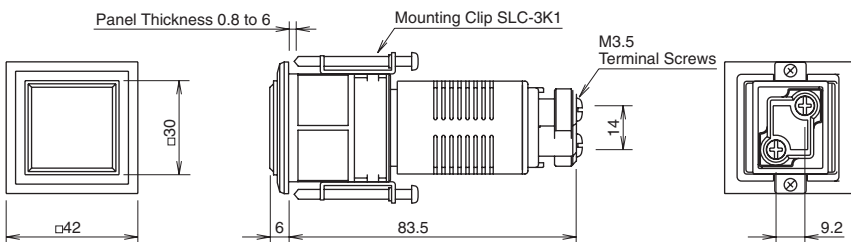


• DC-DC Converter Type 110V DC



- On LED illuminated DC-DC converter type, Terminals X1 and X2 are positive and negative poles, respectively.

• Resistor Type 100/110V AC/DC



- (Resistance)
LED illuminated type: 7.2 kΩ, 2W

All dimensions in mm.

Flush
Silhouette

Control
Units

Display
Lights

Display
Units

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Protectors

Power
Supplies

PLCs &
SmartRelay

Operator
Interfaces

Sensors

Control
Stations

Explosion
Protection

References

SLC30 Series Combination Display Lights

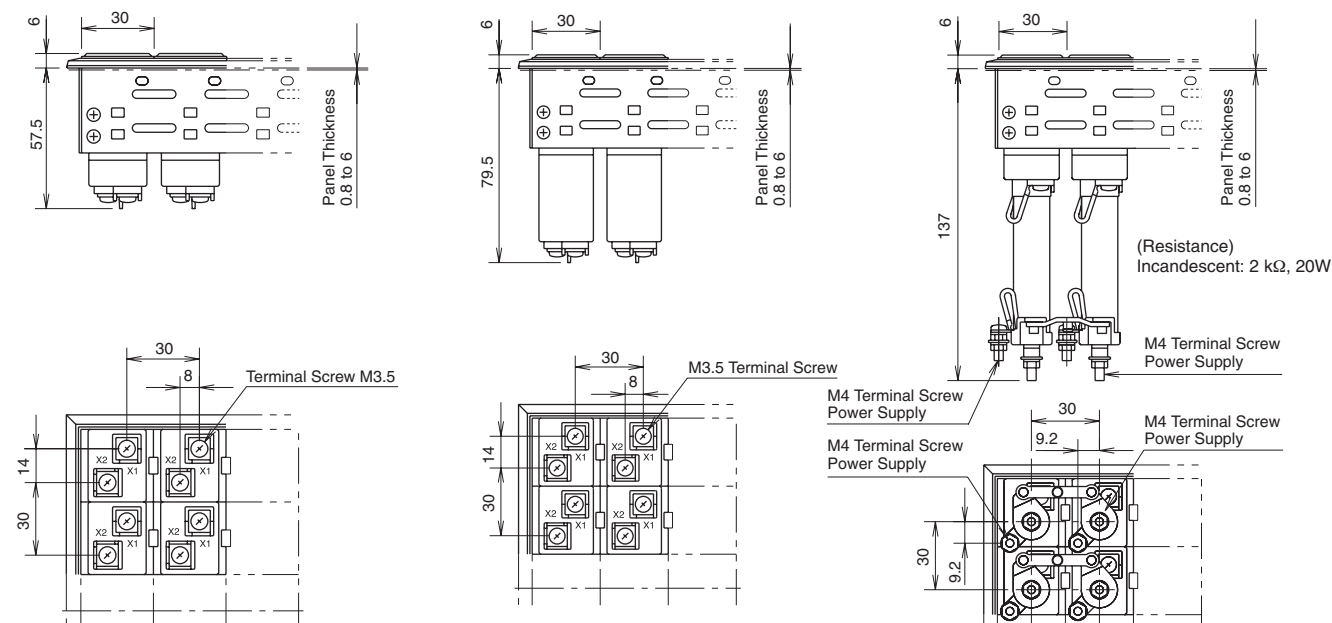
Dimensions (SLC30 Series)

Incandescent Illuminated [Side & Rear Views]

- Full Voltage Type
- 6, 12, 18, 24V AC/DC
- One-color full

- Transformer Type
- 100/110, 200/220V AC

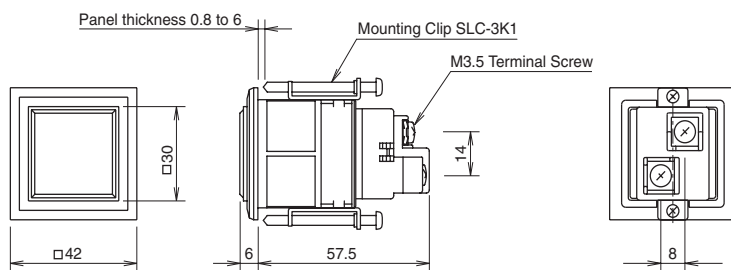
- Resistor Type
- 110V AC/DC



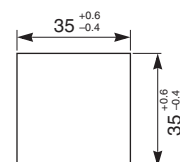
• Terminal cover is available. For dimensions, see page 493.

Incandescent Illuminated [One-window, Type F only]

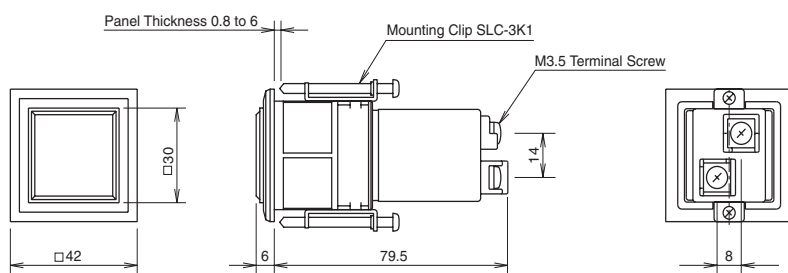
- Full Voltage 6, 12, 18, 24V AC/DC, One-color Full



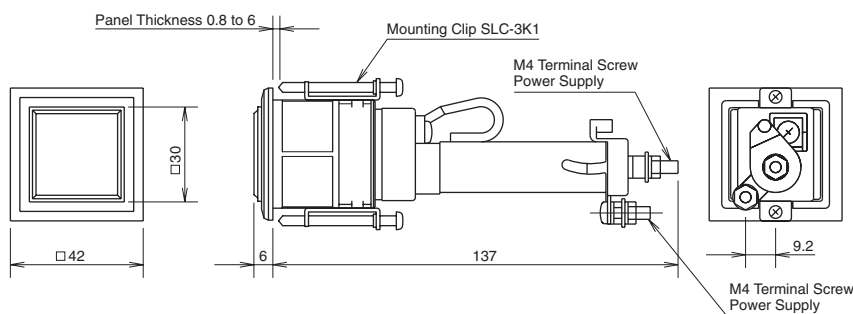
Panel Cut-out



- Transformer Type 100/110, 200/220V AC



- Resistor Type 110V AC/DC

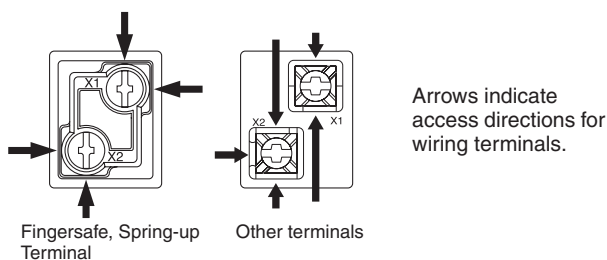


(Resistance)
Incandescent: 2 kΩ, 2W

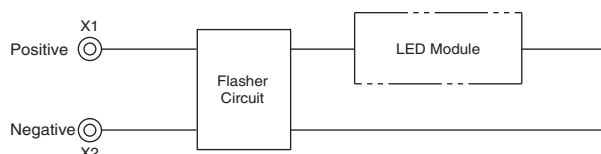
All dimensions in mm.

Terminal Connection (LED Illuminated)

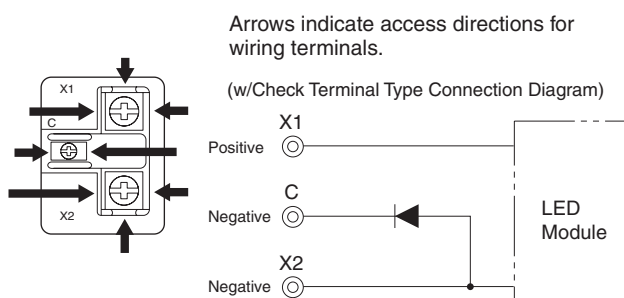
- For one-color full LED Illuminated with check terminal, DC-DC converter type, and resistor type, Terminals X1 and X2 are positive and negative poles, respectively.



(Flasher Type Connection Diagram)

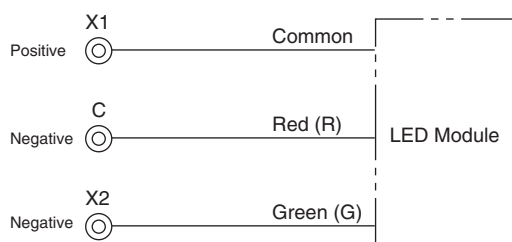


- For w/check terminal and two-color alternate type units, terminal X1 is a positive pole; Terminals X2 and C (check terminal) are negative poles.

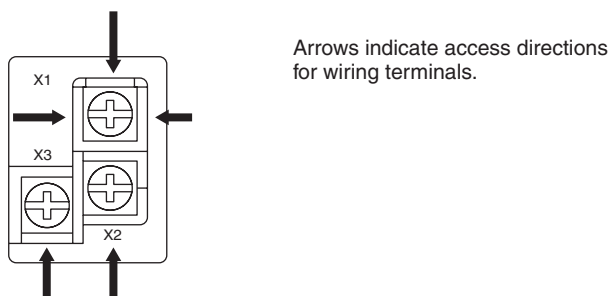


- Connection for two-color alternate type is as follows.
Red (R) — Terminal X1: positive, Terminal C: negative
Green (G) — Terminal X1: positive, Terminal X2: negative

(Two-color alternate Type Connection Diagram)



- For the LED illuminated split-window type (Type C), Terminal X1 is a common terminal. Terminal X2 is a negative pole of upper illumination and Terminal X3 is a negative pole of lower illumination.



Terminal Connection Using Jumpers

- For terminal connection of types F, H, L, V, and G (except Type C), jumpers can be used as shown below.

SLC30 Series

		Terminal X1	Terminal X2	Terminal C
LED Illuminated (Note 2)	Fingersafe, Spring-up Terminal (Note 1)	SLCN-JP34 SLCN-JP35	SLCN-JP34 SLCN-JP35	—
	Others	SLC-JP30	SLC-JP33	SLC-JP32
Incandescent Illuminated		SLC-JP30	SLC-JP33	SLC-JP32

Note 1: fingersafe, spring-up terminals are used in one-color full illuminated type (6, 12, 24V AC/DC, 100/110, 200/220V AC, 110V DC).

Note 2: No jumper is used on resistor type.

- For Type C, jumpers can be used on Terminal X1 only as shown below.

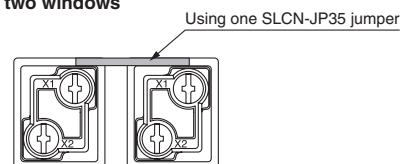
Direction	• When using Type C only • When using Type C and Two-color alternate
Vertical	SLC-JP33
Horizontal	SLC-JP30

Note: Jumpers cannot be used when using both Type C and fingersafe spring-up terminals.

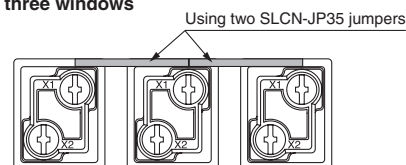
[Examples of Using Jumpers]

LED Illuminated (fingersafe Spring-up Terminal)

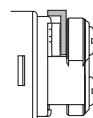
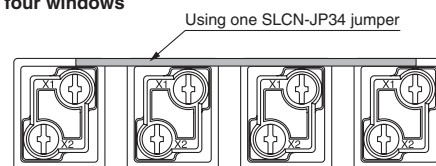
When connecting two windows



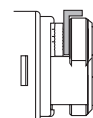
When connecting three windows



When connecting four windows



Correct



Incorrect

Jumpers (SLCN-JP34/35) have an orientation. Ensure that jumpers are installed correctly.

SLC30 Series Combination Display Lights

Type No. Development (SLC30 Series)

SLC30N – 0 4 0 5 – DD 2 F B – Example: G (5), R (5), W (10)
Specify the color code and the number of windows.

30 Series

When ordering Type H, L, V, G, or C units, enter the equivalents of Type F.

Frame Color
Black: B

Equivalent of Basic Size Windows		Unit Type (Code)		Operating Voltage (Built-in Lamp) (Code)		Illumination Face Size (Code)		Illumination Color									
Rows	Columns																
01	01	LED Illuminated	Full Voltage Type (A, G, R, W, Y)	DD	6V AC/DC ±5%	6	F	• Type F 30 × 30 mm	• Clear Lens Combination (Code)								
02	02				12V AC/DC ±10%	1				Amber	A						
03	03				24V AC/DC ±10%	2						Green	G				
04	04			Full Voltage Type (PW, S)	DDA	24V AC/DC ±10%	2	Red	R								
05	05					Full Voltage w/Check Terminal Type (A, G, R, W, Y)	DHM			24V DC ±10%	2			Blue	S		
06	06									Full Voltage Two-color Alternate (R/G)	DW	24V DC ±10%	2			White	W
07	07		Full Voltage Flasher Type (A, G, R, W, Y)	DF	24V DC ±10%			2	Yellow			Y					
08	08				Transformer Type (A, G, R, W, Y)	TD	100/110V AC ±10%	1					• Color Screen Combination (LED only) (Code)				
09	09						200/220V AC ±10%	2		When color display is required at power off, order color screens. For details, see page 501.							
10	10		100/110V AC ±10%	1			Amber	TA									
11	11	Transformer Type (PW, S)	TDA	200/220V AC ±10%	2	Green			TG								
12	12			DC-DC Converter Type (A, G, R, W, Y)	CD					110V DC (90 to 140V DC)	1	Red	TR				
13	13						Resistor Type (A, G, R, W, Y)	RN		100/110V AC/DC ±10%	1			Blue	TS		
14	14	One-color Full × 2 split window type (Type C) (A, G, R, W, Y)	SX6S/8 Base			DP			6V AC/DC ±10% (LFTD-6*)	6	White					TW	
15	15			12V AC/DC ±10% (LFTD-1*)	1				Yellow	TY							
16	16			24V AC/DC ±10% (LFTD-2*)	2		• Gray Lens Combination (Code)										
17	17	Incandescent Illuminated	Full Voltage Type	BA9S/13 Base	DS	5 to 6V AC/DC (LS-6)		6			Amber	SA					
18	18					12 to 18V AC/DC (LS-8)		8	Green	SG							
19	19					18 to 24V AC/DC (LS-2) (Note)	2	Red					SR				
20	20					24 to 30V AC/DC (LS-3)	3							Blue	SS		
21	21					100/110V AC ±10% (LS-6)	1									White	SW
22	22					200/220V AC ±10% (LS-6)	2										
23	23	Resistor Type	RS	100/110V AC/DC ±10% (LS-8)	1	• Type L, V, and G cannot be split-illuminated.											
24	24			LED Illuminated	Full Voltage w/Check Terminal Type (PW, S)		DHMA		24V AC/DC ±10%	2	• Use specification sheet when ordering Type M unit or 2-way split illumination type.						
25	25							Full Voltage Flasher Type (PW, S)	DFA	24V AC/DC ±10%		2	• Enter the required number of color screens in ().				
26	26	Transformer Type (A, G, R, W, Y)	TD			115/120V AC ±10%				12		• Lambda Converter					
				230/240V AC ±10%	24	Pure White	PW										
				115/120V AC ±10%	12			One-color Full Type F only (except spot illumination type)									
		230/240V AC ±10%	24														
		DC-DC Converter Type (PW, S)	CDA	110V DC (90 to 140V DC)	1	• Type C (15 × 30 mm) × 2											
		Resistor Type (PW, S)	RNA	100/110V AC/DC ±10%	1		• Type M Combination of types F, H, L, V, G, and C (specify in the ordering sheet)										
		One-color Full × 2 split window type (Type C) (combination of S only)	SX6S/8 Base	DPA	6V AC/DC ±5% (LFTD-6S) × 2			6	• Type F Spot Illumination 30 × 30 mm								
					One-color Full × 2 split window type (Type C) (combination of S and A, G, R, W, Y)	BA9S/13 Base		DPC		12V AC/DC ±10% (LFTD-1S) × 2	1						
							24V AC/DC ±10% (LFTD-2S) × 2			2							
		6V AC/DC ±5% (LFTD-6*)	6														
		Incandescent Illuminated	Transformer Type	BA9S/13 Base	TS	12V AC/DC ±10% (LFTD-1*)	1	FST									
						24V AC/DC ±10% (LFTD-2*)	2										
						115V AC ±10% (LS-6)	11										
						120V AC ±10% (LS-6)	12										
						230V AC ±10% (LS-6)	23										
						240V AC ±10% (LS-6)	24										
						380V AC ±10% (LS-6)	38										
						400/440V AC ±10% (LS-6)	4										
						480V AC ±10% (LS-6)	48										

The following color/voltage selections are also available.

Note: For longer lamp life, LS-3 (30V rating, 1W) lamps are recommended when using on 24V AC/DC.

Ordering Information (SLC30)

When ordering SLC Series Combination Display Lights, use the specification sheet provided on page 509.

Designation Procedure

1. Type No.: Refer to Type No. Configuration on page 480.
2. Quantity: Enter the required number of identical assemblies.

Counting of Windows

Count the number of windows in the equivalent of Type F (basic size).

Leaf Spring (for one-window type only)

Leaf spring for temporary fastening is not attached, and can be supplied free of charge upon request when ordering (Type No. SLD44KVP).

[Conversion Rate]

- Type H (horizontal type)



Type F equivalent: 2 windows
Row (1), Column (2)
- Type L (horizontal type)



Type F equivalent: 3 windows
Row (1), Column (3)
- Type V (vertical type)



Type F equivalent: 2 windows
Row (2), Column (1)
- Type G (large type)



Type F equivalent: 4 windows
Row (2), Column (2)
- Type C (split-window type)



Type F equivalent: 1 window
Row (1), Column (1)

[Designation Examples]

Ex. 1 SLC30 Series
Type F, 20 windows

Incandescent illuminated type when arrangement of color screen is not designated.

SLC30N-04 05   G(5), R(5), S(5), Y(5)

Columns: 1 2 3 4 5
Rows: 1 2 3 4 5

(Color screen: Type F, 20 windows)
 $G(5) + R(5) + S(5) + Y(5) = 20$

Ex. 2 SLC30 Series
Type H, 9 windows (Type F equivalent: 3 rows by 6 columns)

SLC30N-03 06   G(3), R(3), Y(3)

Columns: 1 2 3 4 5 6
Rows: 1 2 3

(Color screen: Type H, 9 windows)
 $G(3) + R(3) + Y(3) = 9$

Ex. 3 SLC30 Series
Type M, 9 windows (Type F equivalent: 2 rows by 6 columns)

SLC30N-02 06   No entry is required in designations.

Columns: 1 2 3 4 5 6
Rows: 1 2

Specify the position and each color code on the specification sheet.

Columns	1	2	3	4	5	6	7
Rows	G	W	Y		G		
1	G	W	Y		G		
2	G	W	Y		G		
3	+	+	+	+	+	+	+

Ex. 4 SLC30 Series (Type F, 12 windows)

When ordering a combination of units with different operating voltages, specify Type No. as follows.

Type F, 12 windows, Full voltage type 24V AC/DC 8 Transformer Type 100/110V AC 4

SLC30N-0304-DD 2 FB(8) + TD 1 FB(4) - W (12)

Specify the position of the units and each voltage on the specification sheet.

Ex. 5 When ordering a combination of units with different illuminating colors, specify Type No. as follows.

Example: Full voltage LED illuminated 24V AC/DC, Red (6), Pure White (2)

SLC30N-0204-DD2FB(6) + DDA2FB(2) - R(6)PW(2)

Red Pure White Designation
Red: 6, Pure White: 2

LED illuminated units in one color.

R (20)

(Color screen: Type F, 20 windows)
R (20) = 20

• When color screen is required, specify the color screen code.

Ex. T *  Color Code
Color Screen Code

R (9)

(Color screen: Type H, 9 windows)
R (9) = 9

• When color screen is required, specify the color screen code.

Ex. T *  Color Code
Color Screen Code

No entry is required in designations.

Specify each color code on the specification sheet.

Columns	1	2	3	4	5	6
Rows	R	R	R	R	R	
1	R	R	R	R	R	
2	G	G	G	G	G	
3	Y	Y	Y	Y	Y	
4	A	A	A	A	A	
5	+	+	+	+	+	+

No entry is required in designations.

Specify each color code on the specification sheet.

Columns	1	2	3	4	5	6	7
Rows	R	A	A	A			
1	R	A	A	A			
2	R	Y	Y	Y			
3	R	G	G				
4	+	+	+	+	+	+	+

Columns: 1 2 3 4 5
Rows: 1 2 3

1	DD2				
2					
3					

DD2
TD1

Columns: 1 2 3 4 5
Rows: 1 2

Columns	1	2	3	4	5
Rows	PW	R	R	R	
1	PW	R	R	R	
2	PW	R	R	R	
3	+	+	+	+	+

Specify the position of the units and each color code on the specification sheet.