




Pilot Lights Round, Square Extended, Rectangular (Marking)

Package Quantity: 1

Shape	Illumination	Base	Rated Voltage	Part No. (Ordering No.)	Color Code	LED Lamp Part No.	Dimensions Page
Round APN1  (24V AC/DC)	LED	BA9S	24V AC/DC	APN122DN*	R, G, Y, A, W, S, PW	LSTD-2*	29
			100/110V AC	APN116DN*	R, G, Y, A, W, S, PW	LSTD-6*	
			200/220V AC	APN126DN*	R, G, Y, A, W, S, PW		
Square Extended UPQN3B  (24V AC/DC)	LED	BA9S	24V AC/DC	UPQN3B22D*	R, G, Y, A, W, S	LSTD-2*	
			100/110V AC	UPQN3B16D*	R, G, Y, A, W, S	LSTD-6*	
			200/220V AC	UPQN3B26D*	R, G, Y, A, W, S		
Rectangular (Marking) UPQN4  (24V AC/DC)	LED	BA9S	24V AC/DC	UPQN422D*	R, G, Y, A, W, S	LSTD-2*	
			100/110V AC	UPQN416D*	R, G, Y, A, W, S	LSTD-6*	
			200/220V AC	UPQN426D*	R, G, Y, A, W, S		

Selection Guide
Ratings/ Specifications
LED Ratings
Specifications
Degree of Protection
Ordering
Part No. Development

TWN Series
TWND Series Diecast Zinc

Pushbutton
Illuminated Pushbutton
Selector Switch
Selector Pushbutton

Pilot Light

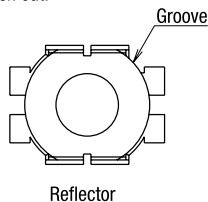
- Specify a color code in place of * in Part No.
R (red), G (green), Y (yellow), A (amber), W (white), S (blue), PW (pure white)
- Round bezel (metal): chrome-plated
- Square bezel (metal): chrome-plated
- Pilot lights have an LED lamp installed.
- Use a pure white (PW) LED for yellow (Y) illumination.
- On the rectangular marking pilot light, a clear lens and a color marking plate (white) are used for W (white) illumination.
- See page 50 for the marking plate size of rectangular pilot lights.
- See page 13 for other operating voltage such as 6V AC/DC, 12V AC/DC, and 110V DC.
- See page 13 for how to specify units without LED lamps. When using a commercially available lamp, choose a lamp with rated voltage 5 to 30V AC/DC and 1W maximum, and with the same base and shape. Make sure of correct operation before installation. The operation of illuminated pushbutton switches cannot be guaranteed when a commercially available lamp is used. When using a commercially available lamp on rectangular (marking) type, remove the reflector.
- Terminal cover is installed on pilot lights for electric shock prevention.

Type	Terminal Cover	Quantity
6V, 12V, 24V AC/DC	APN-PVL	1
100V/110V AC, 200/220V AC	N-VL3	1
110V DC	N-VL3	1

Note: DC-DC converter types are not approved by UL and CSA, and not CE compliant.
 • See page 18 for bottom view.

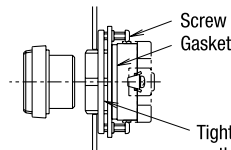
Reflector

- The lamp housing of the square LED illuminated pilot lights has a built-in reflector.
- Make sure that the reflector does not fall off when removing the lens or marking plate.
- When replacing the LED lamp of UPQN4 (rectangular), use a lamp holder tool (OR-55).
- To remove the reflector, insert a flat screwdriver inside the groove of the reflector and lightly push out.



Panel Mounting of Square Pilot Lights

- Tighten the square bezel to the operator and position the bezel correctly.
- Lightly tighten the screw to secure the pilot light on the panel.
- After tightening, do not turn the square bezel, otherwise it may fall off.



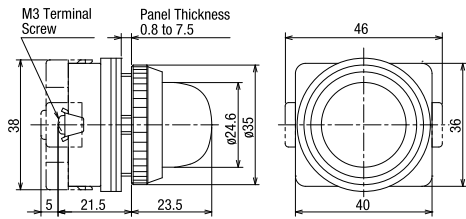
Dimensions

All dimensions in mm.

Round

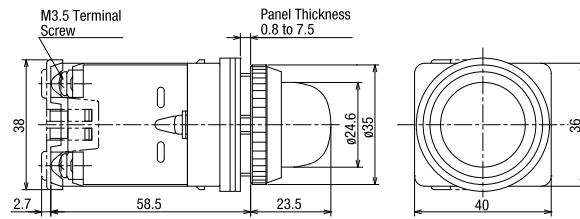
APN1

6V, 12V, 24V AC/DC (Terminal Cover: APN-PVL)
Without LED Lamp



Terminal screws: M3

100 to 480V AC, 110V DC (Terminal Cover: N-VL3)

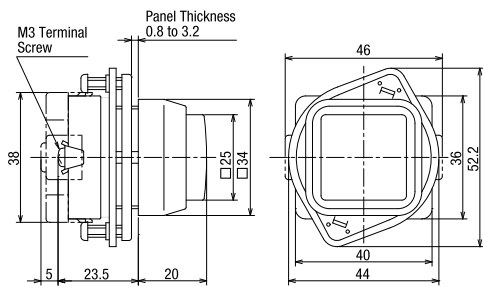


Terminal screws: M3.5

Square Extended

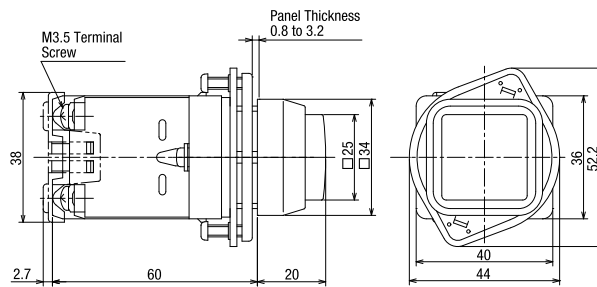
UPQN3B

6V, 12V, 24V AC/DC (Terminal Cover: APN-PVL)
Without LED Lamp



Terminal screws: M3

100 to 480V AC, 110V DC (Terminal Cover: N-VL3)

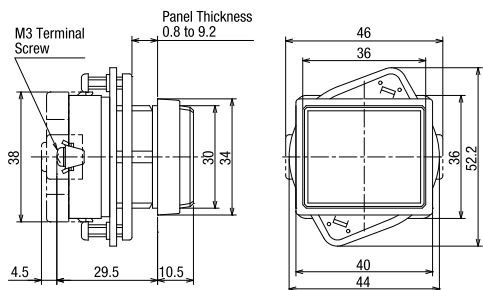


Terminal screws: M3.5

Rectangular (Marking)

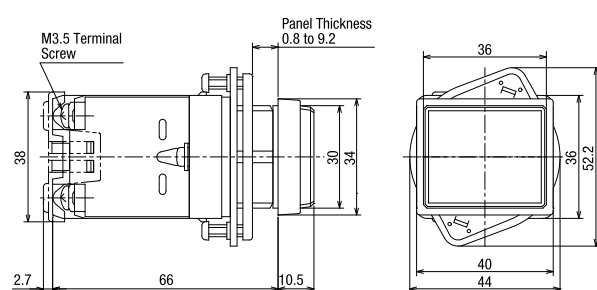
UPQN4

6V, 12V, 24V AC/DC (Terminal Cover: APN-PVL)
Without LED Lamp



Terminal screws: M3

100 to 480V AC, 110V DC (Terminal Cover: N-VL3)



Terminal screws: M3.5

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Accessory
Instructions
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