

ø16 mm LB/A6 series become ø22 mm flush silhouette switches.
 ø22 mm LW series become ø30 mm flush silhouette switches.
 Panel cut-out compliant with IEC standards.

Applicable Models—round bezels only

Series	LB	A6	LW
Functions	Illuminated pushbutton Pilot light Pushbutton Selector switch Key selector switch Illuminated selector switch Lever switch Buzzer	Illuminated pushbutton Pilot light Pushbutton Selector switch Key selector switch	Illuminated pushbutton Pilot light Pushbutton Selector switch Key selector switch Illuminated selector switch Buzzer



Quantity:1

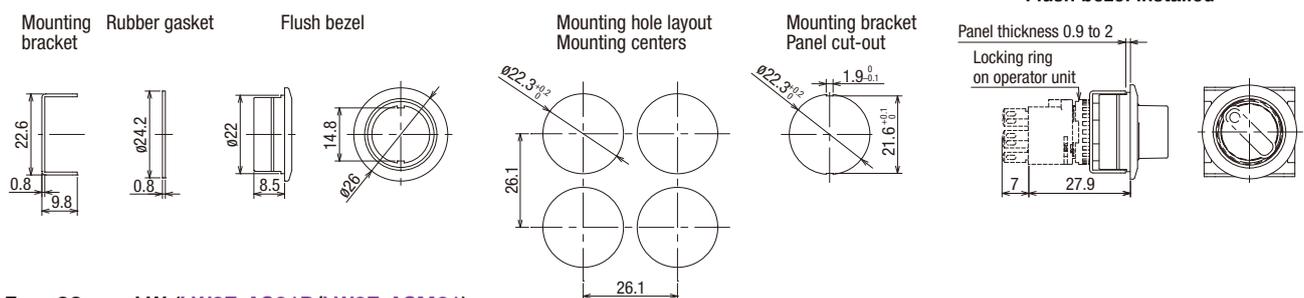
Shape	Material	Bezel Color	Part No.	Remarks
For ø16 LB/A6 series 	Adapter: polyamide Rubber gasket: nitril rubber Mounting bracket: stainless steel	Black	LB9Z-AS61B (*1)	Degree of protection: IP65 (when used with IP65 units)
		Metallic	LB9Z-ASM61 (*1)	
For ø22 LW series 	Adapter: polyamide Rubber gasket: nitril rubber Locking ring: polyamide	Black	LW9Z-AS61B	
		Metallic	LW9Z-ASM61	

*1) Use **LB9Z-AS62B** (black) or **LB9Z-ASM62** (metallic) bezels when mounting in a panel from 2 to 3.6 mm thick.

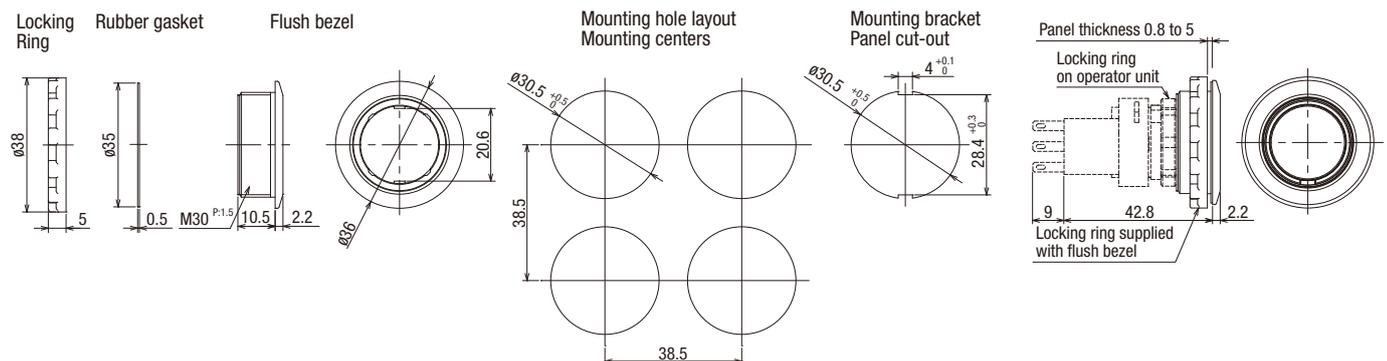
Dimensions

All dimensions in mm.

For ø16 mm LB/A6 (**LB9Z-AS61B/LB9Z-ASM61**)



For ø22 mm LW (**LW9Z-AS61B/LW9Z-ASM61**)



⚠ Safety Precautions

- Turn off the power before installation, removal, wiring, maintenance, and inspection. Failure to turn power off may cause electrical shocks or fire hazard.
- LED lamp/LED unit is hot right after the power has turned off. To avoid burning your hand, make sure the temperature has dropped sufficiently. Use the lamp holder tool when replacing the lamps.

- For wiring, use wires of a proper size to meet voltage and current requirements. Improper solder may cause overheating and create a fire hazard. Also, when using tab terminals, use receptacles of appropriate size.

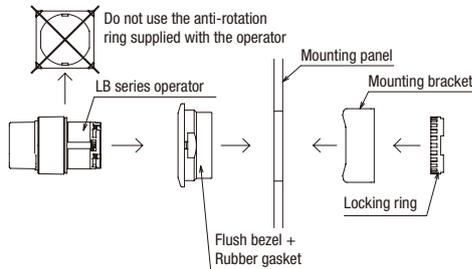
Operating Instructions

ø22 mm flush bezel (for ø16 mm LB/A6 series)

Panel mounting

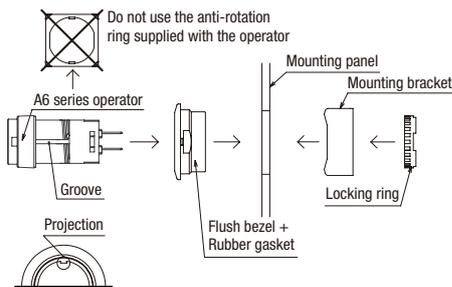
LB Series

1. Detach the operator unit from the contact block. To do so, turn the locking lever on the contact block in the direction opposite to the arrow on the housing.
2. Attach the rubber gasket to the flush bezel. Insert the LB series into the flush bezel and install the assembly on the panel. Attach the mounting bracket and tighten the locking ring. (Do not use the anti-rotation ring supplied with the operator.)
3. Install the contact block with the TOP markings on the contact block and the operator placed in the same direction, then lock the units by turning the locking lever in the direction of the arrow.



A6 Series

1. Remove the locking ring and anti-rotation ring.
2. Attach the rubber gasket to the flush bezel. Insert the A6 series into the flush bezel by placing the projection on the bezel to the groove on the TOP side of the operator, then install the assembly on the panel.
3. Attach the mounting bracket and tighten the locking ring. (Do not use the anti-rotation ring supplied with the operator.)



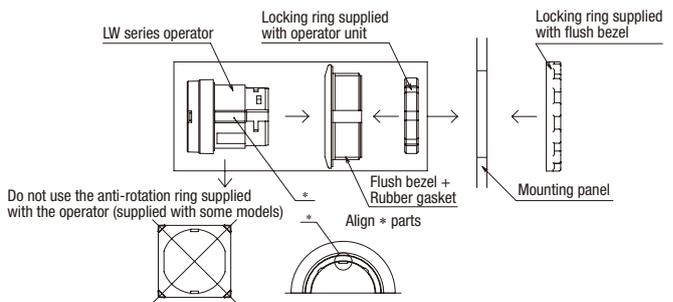
Notes on panel mounting

Use the optional ring wrench (MT-001) to mount the operator onto the panel. The recommended tightening torque is 0.5 to 0.7 N·m for LB series, and 0.88 N·m for A6 series. Do not use pliers. Excessive tightening will damage the locking ring.

ø30 mm flush bezel (for ø22 mm LW series)

Panel mounting

1. Detach the operator unit from the contact block. To do so, turn the locking lever on the contact block in the direction opposite to the arrow on the housing. Remove the locking ring and anti-rotation ring (supplied on some models).
2. Attach the rubber gasket on the flush bezel. Install the bezel on the LW operator unit, and tighten using the locking ring which is supplied with the LW series. Use the optional ring wrench (LW9Z-T1) and tighten to a recommended torque of 1.2 N·m. Then install the unit onto the panel and tighten using the locking ring supplied with the flush bezel. (Do not use the anti-rotation ring supplied with the operator unit of some models.)
3. Insert the contact block with TOP markings on the contact block and the operator unit placed in the same direction. Then lock the units, turning the locking lever in the direction of the arrow.



Notes on panel mounting

Use the optional ring wrench (XN9Z-T1) to mount the operator onto the panel. The recommended tightening torque is 1.8 to 2.0 N·m. Do not use pliers. Excessive tightening will damage the locking ring.

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