

Read these operating instructions before using the control unit.

1. Unpacking

First, make sure that the operator, and the contact configuration are what you have ordered. Check for damage.

2. Installation

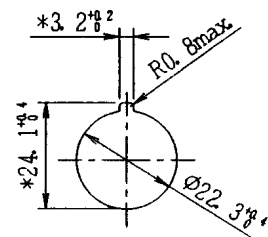
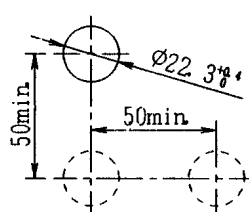
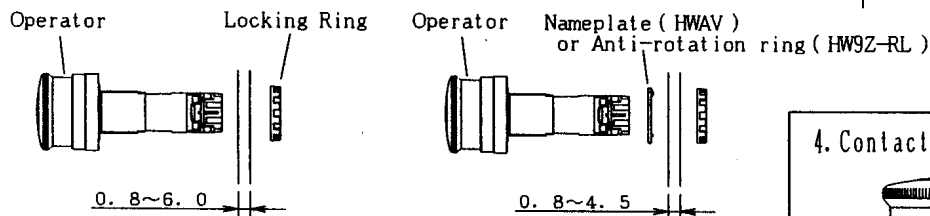
2-1 Mounting Hole Layout

Determine the appropriate minimum mounting centers in consideration of wiring and operation.

2-2 Panel Thickness

Panel thickness : 0.8 and 6.0mm

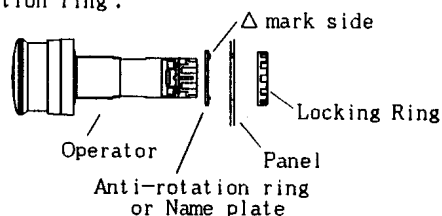
When accessories (Nameplate or Anti-rotation ring) are used, max panel thickness is shown below



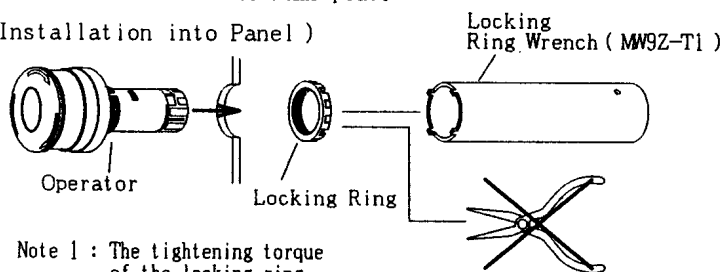
* Note : Required for Nameplate (HWAV) or Anti-rotation ring (HW9Z-RL)

2-3 How to mount the Anti-rotation ring or Name plate

Align the recess into the panel cut out. Line up the TOP mark on the operator and the triangle mark (△) on the anti-rotation ring.



(Installation into Panel)



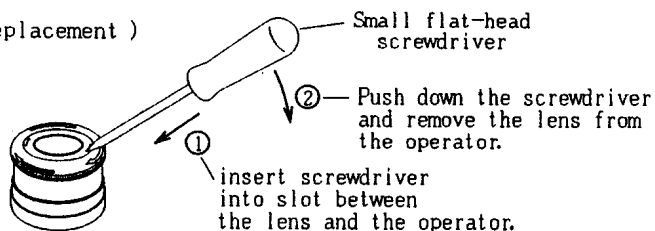
Note 1 : The tightening torque of the locking ring should not exceed 2N·m (20.4kgf·cm).

Note 2 : Do not excessively tighten the locking ring

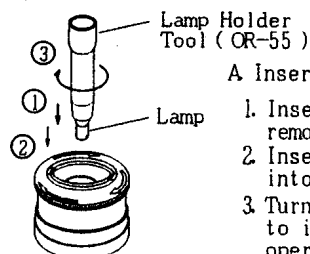
3. Lens & Lamp Replacement

Lamps can be replaced from the front of panel using the lamp holder tool (OR-55).

(Lens Replacement)



(Lamp Replacement) : After the lens has been removed



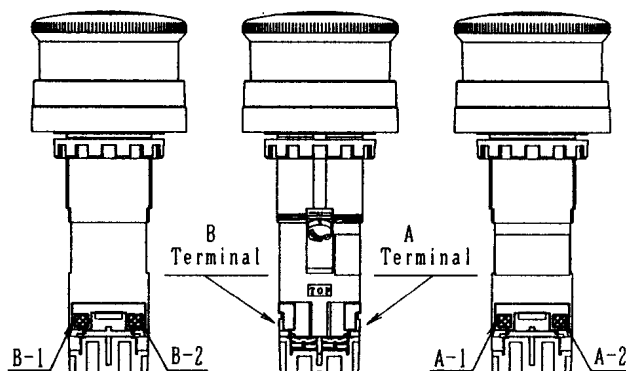
A Inserting a new lamp

1. Insert lamp into the lamp removal tool (OR-55).
2. Insert tool and lamp into the switch operator.
3. Turn tool counter-clockwise to install the lamp to the operator and remove the tool.

B Removal of Lamp

1. Insert lamp removal tool (OR-55) into the operator.
2. Attach the lamp tool to the

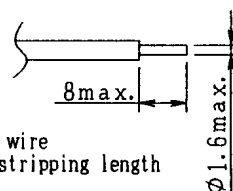
4. Contact Configuration & Terminal No. (Label)



Type	Contact Configuration & Terminal No. (Label)					
	A	A-1	A-2	B	B-1	B-2
HW1E-**4F11QXR	NO	.3	.4	NC	.1	.2
HW1E-**4F02QXR	NC	11	12	NC	21	22
HW1E-**4F01QXR				NC	.1	.2

5. Wiring

- Max. 2mm² (max. 14AWG) (max. Ø1.6 Solid wire)
- Number of conductors / terminal : 2 max.



Note: For compliance with SEMI S 2 standards, EMO switches must be mounted between 33 inches and 64.5 inches from ground level.