

Precautions for Correct Use

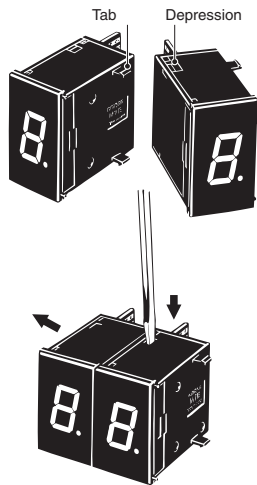
Display Units

Environments

- Do not use the Display Units in locations subject to organic solvents (e.g., thinners or benzene), strong alkalis, strong acids, corrosive gases, or direct sunlight.
- The Display Units are for indoor use only. Outdoors or in other locations subject to sunlight, the ambient luminance will be brighter than that of the M7E, making it very difficult to read the Display Units. Also, the Display Units are not drip proof. Do not use them in locations subject to splashing water or oil atmosphere.
- Do not use the Display Units in locations subject to vibration or shock in excess of specifications.

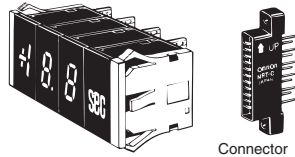
Mounting

- When you connect Display Units to each other, align the depression and tabs at the tops and bottoms of the cases.
- When you disconnect Display Units, use a flat-blade screwdriver to press in on the tabs at the tops and bottoms of the cases.

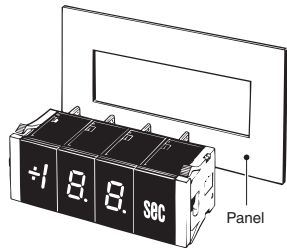


Connector Insertion

Make sure that the "UP" mark on the connector is facing up and insert the connector.



- After you attach the End Plates, you can easily secure the Display Units to a panel. Make sure that the Units and End Plates are attached securely and the tabs on the End Plates are securely engaged with the panel.



Wiring and Connections

Do not exceed a wire length of 5 m.

Handling

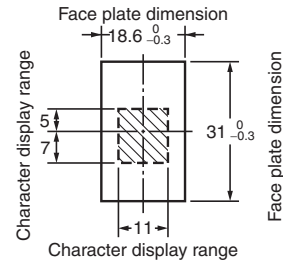
Do not subject the Display Units to drop impact. Dropping a Display Unit may damage the resin tabs on the sides of the Units for connection.

Creating a Unit Face Plate for a M7E-01 Unit Display Unit

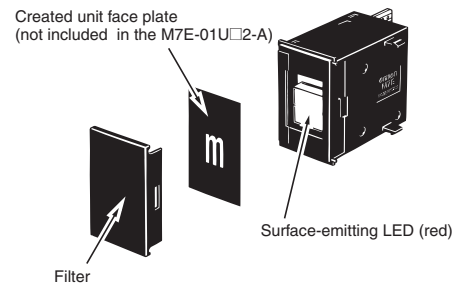
Use the following procedure to create any required unit face plate.

- Prepare a Blank Unit Display Unit (M7E-01UR2-A or M7E-01UG2-A) of the required display color.

- Prepare a transparent polyester film with a thickness equivalent to 0.188 mm and cut it to the following dimensions.



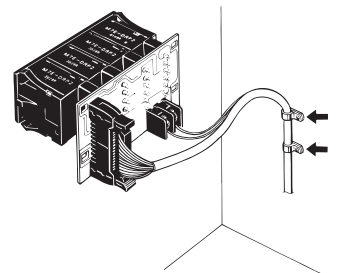
- Print the required unit character so that it is within the character display ranges and so that all areas other than the character are solid black. (The unit characters must be transparent.)
- Place the unit face plate in the Unit Display Unit.



Motherboard

Wiring and Connections

Secure the cables and leads to the panel or other object so that excessive force is not placed on the connectors for input or terminals for power supply.



M7E Connections

- Connection Table between Motherboard and M7E

Motherboard	M7E	Positive logic	Negative logic	Dynamic output
Static		○	○	x*
Dynamic		○	○	○

○: Can be connected.
x: Cannot be connected.

*You cannot connect a Static Motherboard and an M7E with a dynamic output (M7E-01D□D2(-B)). (This is because the LE gets held.)

- If you use an M7E with positive logic (M7E-01□□P2(-B)), a pull-up resistor may be required. Check the output circuit of the connected device before application.
- Use the same type of M7E for any one Motherboard.

Mounting and Removing the M7E

As shown below, hold the front surface or case of the M7E when you connect the M7E to or remove it from the Motherboard. Apply force alternately to the top and bottom of the Unit so that excessive force is not applied to the Motherboard.

