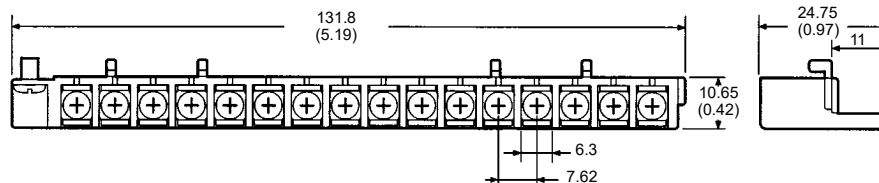
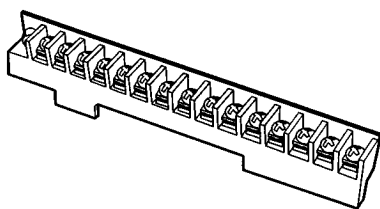


■ ACCESSORIES

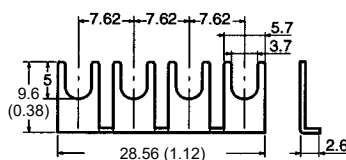
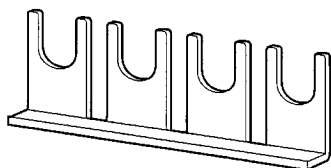
Unit: mm (inch)

These accessories are for G70D-VSOC16 and G70D-VFOM16 Terminal Blocks.

G70D-ET Expansion Terminal Block



G6D-4-SB Short Bar



Precautions

■ GENERAL PRECAUTIONS

The G70D is used only for outputs.

Electric Shock

It is extremely dangerous to connect or disconnect relays with the power turned on. Always turn off the power before wiring the Output Block or replacing the relays.

Do not connect or disconnect connectors with the power turned on; faulty operation may occur.

Wiring

Be sure to turn OFF the power when wiring the Output Block and do not touch the charged terminals of the Output Block, or an electric shock may result. Turn ON the power after the Output Block is wired and the relay block is mounted.

Apply specified voltages to the input terminals. Otherwise, the Output Block may malfunction, be damaged, or burn.

Relay Models

Do not connect the Output Block to any load exceeding the rated switching voltage or current of the Output Block. Otherwise, faulty insulation, contact weld, or faulty contact of the Relays, damage to the Relays may result or the Relays may malfunction or burn.

The life of a Relay varies with the switching condition. Test the Relays under the actual operating conditions before using the Relays within the permissible switching frequency. The use of deteriorated Relays may result in the faulty insulation of the Relays or cause the Relays to burn.

Do not use the Output Block in places with flammable gas. A fire or explosion may result from the heat of the Relays or a spark from the Relays when they are switched.

Power MOSFET Models

Do not connect the Output Block to loads consuming a total current exceeding the rated output current of the Output Block. You may damage the output element and a short or open-circuit malfunction may result.

If the Output Block is connected to a DC inductive load, connect a diode to the Output Block to protect against counter-electromotive voltage. This may result in damage to the output element and a short or open-circuit malfunction.

■ CORRECT USE

Replacing Relays

The G70D-SOC16(-1) and G70D-VSOC16 are equipped with G6D-1A, 24 VDC relays. The G70D-FOM16(-1) and G70D-VFOM16 are equipped with G3DZ-2R6PL, 24 VDC power MOSFET solid state relays.

Turn OFF the Output Block to replace Relays. Otherwise, an electric shock may result or the Output Block may malfunction.

Mount the Relay by pressing the upper part straight down until the Relay is locked with the hooks. Make sure none of the Relay terminals are bent or the Output Block may malfunction or radiate heat.

Wiring

Make sure that the polarity of each terminal is correct, the power lines are wired properly, and the terminal voltage is appropriate.

Do not disconnect or connect the connector while the Output Block is turned ON. Otherwise, the Output Block may malfunction.

Cable Connector Locks

Before the Output Block is turned ON, make sure that the connectors of all the cables connected to the Output Block are locked.