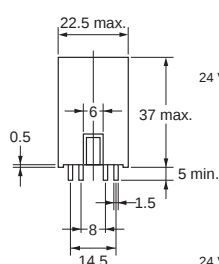
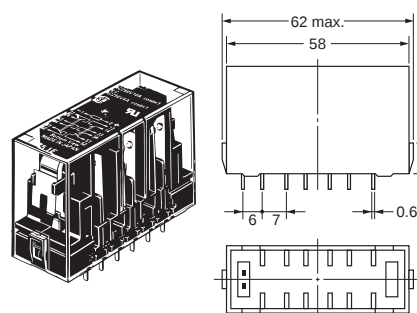


Dimensions

Relays with Forcibly Guided Contacts

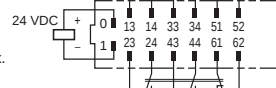
G7S-4A2B-E

G7S-3A3B-E

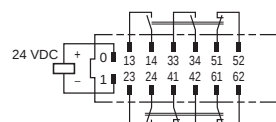


Terminal Arrangement/Internal Connection Diagram (Bottom View)

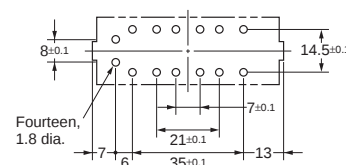
G7S-4A2B-E



G7S-3A3B-E



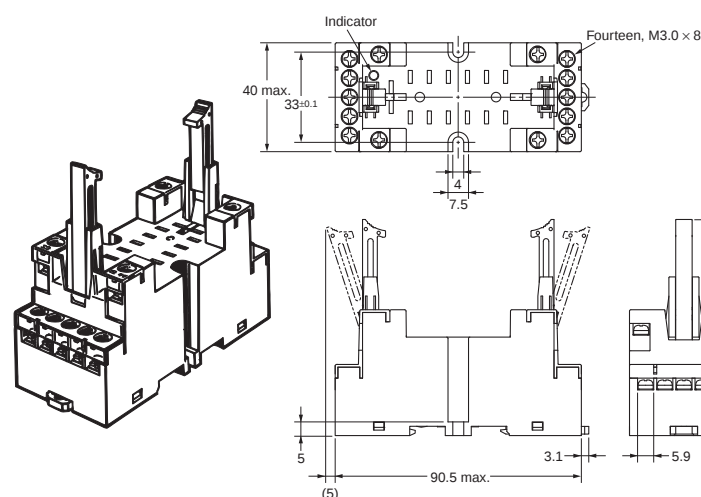
Mounting Hole Dimensions



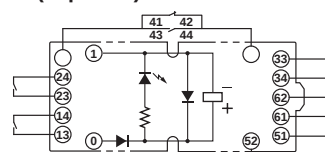
Sockets

Track-mounting Socket

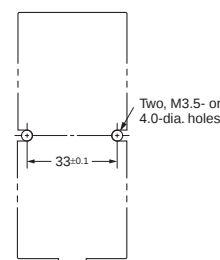
P7S-14F-END



Terminal Arrangement/Internal Connection Diagram (Top View)

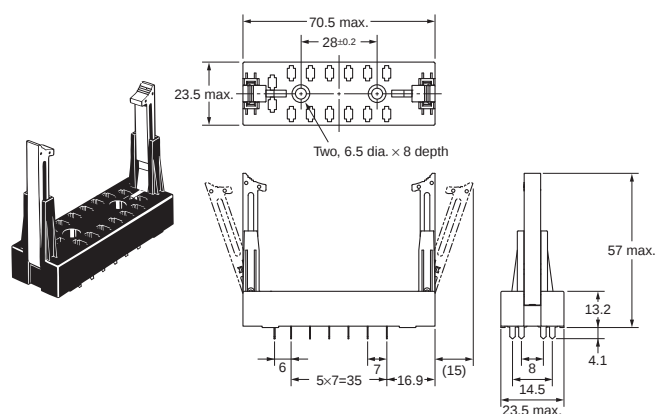


Mounting Hole Dimensions



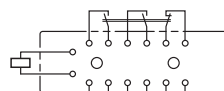
Back-mounting Socket (PCB Terminals)

P7S-14P-E



Terminal Arrangement/Internal Connection Diagram (Bottom View)

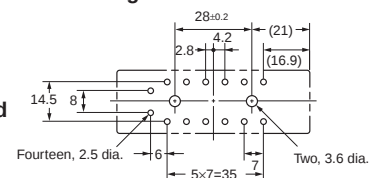
With G7S-4A2B-E mounted



With G7S-3A3B-E mounted



Mounting Hole Dimensions



Certified Standards

G7S-□-E

- EN standards, VDE certified
EN61810-1 (Electromechanical non-specified time all-or-nothing relays)
EN50205 (Relays with forcibly guided (linked) contacts)
- UL standards: UL508 (Industrial Control Equipment)
- CSA standards: CSA C22.2 No.14 (Industrial Control Equipment)

P7S-□-E

- UL standards: UL508 (Industrial Control Equipment)
- CSA standards: CSA C22.2 No.14 (Industrial Control Equipment)

Forcibly Guided Contacts (from EN50205)

If an NO contact becomes welded, all NC contacts will maintain a minimum distance of 0.5 mm when the coil is not energized. Likewise if an NC contact becomes welded, all NO contacts will maintain a minimum distance of 0.5 mm when the coil is energized.

Safety Precautions

Be sure to read the precautions for “*Precautions for All Relays with Forcibly Guided Contacts*” in the website at:<http://www.ia.omron.com/>.

Indication and Meaning for Safe Use

 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury or in property damage.
Precautions for Safe Use	Supplementary comments on what to do or avoid doing, to use the product safely.

CAUTION

Do not pass currents of 6 A or more when using this product in combination with the P7S-14F/14P/14A Socket. Doing so may result in fire. Use this product in combination with the P7S-14F-END/14P-E.



Precautions for Correct Use

Wiring

- Use one of the following wires to connect to the P7S-14F-END.
Stranded wire: 0.75 to 1.5 mm²
Solid wire: 1.0 to 1.5 mm²
- Tighten each screw of the P7S-14F-END to a torque of 0.78 to 0.98 N·m.
- Wire the terminals correctly with no mistakes in coil polarity, otherwise the G7S will not operate.
- If you use the P7S-14F-END, the release time of the G7S will be longer because the P7S-14F-END has a built-in diode to absorb coil surge. Confirm operation under actual conditions before you use the P7S-14F-END.

Cleaning

The G7S is not of enclosed construction. Therefore, do not wash the G7S with water or detergent.

Mounting

The G7SA can be installed in any direction.