

3KA/4KA/4KB Series

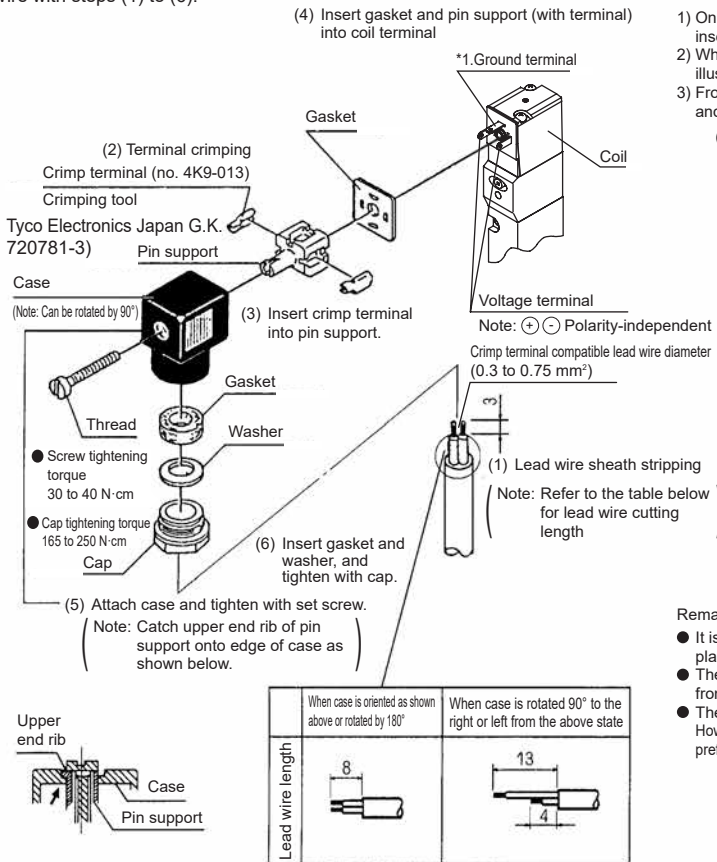
Technical data ① Terminal box wiring/connector connection method

Terminal box wiring/connector connection method

Refer to the figures below when wiring the compact terminal box or the C- and D-connectors.

Compact terminal box wiring method (compatible model: 3KA1/4K_A 1/4K_B 2)

Wire with steps (1) to (6).

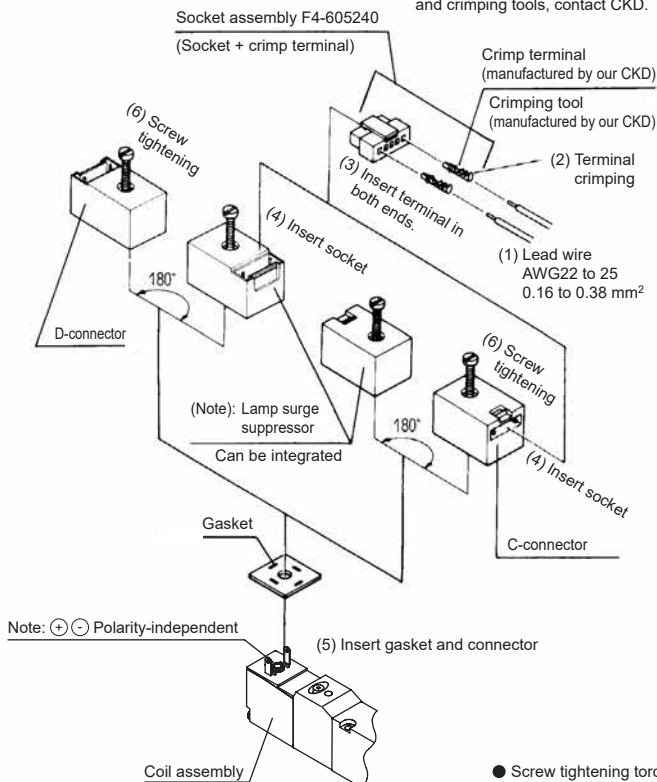


*1: If the part is to be grounded, select option "ST". If option "ST" is not available, grounding function is not available.

C- and D-connector wiring method (compatible model: 3KA1/4K_A Series)

Wire with steps (1) to (6).

* For the details of crimp terminals and crimping tools, contact CKD.



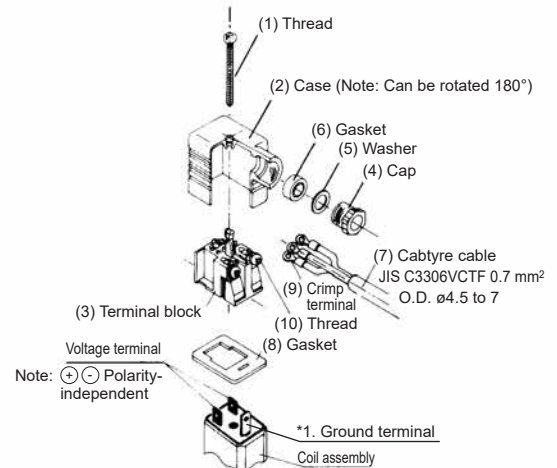
● Screw tightening torque Tighten with 0.3 N·m.

Terminal box wiring method (compatible model: 4K_B 3/4K_B 4)

Wire the terminal box with steps 1) to 3) referring to the figure below.

- On the cabtyre cable (7), put the cap (4), washer (5) and gasket (6) in the order, and insert this into the case (2).
- When using a crimp terminal, prepare the cabtyre cable (7) at an appropriate length as illustrated and crimp the crimp terminal (9) on the end.
- From the terminal block (3), remove the screw (10), position the crimp terminal (9) (loosen and crimp when using a Y type terminal), and fasten the screw (10) again.

(Note) Tightening torque (1) screws 50 to 60 N·cm (4) cap 250 to 375 N·cm



Remarks:

- It is possible to wire the terminals with bare wires. In this case, loosen the screw (10), place the lead wire in the bracket, and fasten the screw again.
- The orientation of the cable lead out port can be changed by pulling out the terminal block from the case, rotating it by 180°, and placing the block back into the case.
- The crimp terminals (9) listed in the table below can be used. However, since the terminals in the table below are bare terminals, insulation treatment should be performed for them. Or use the covered terminals equivalent to the terminals listed in the table below.

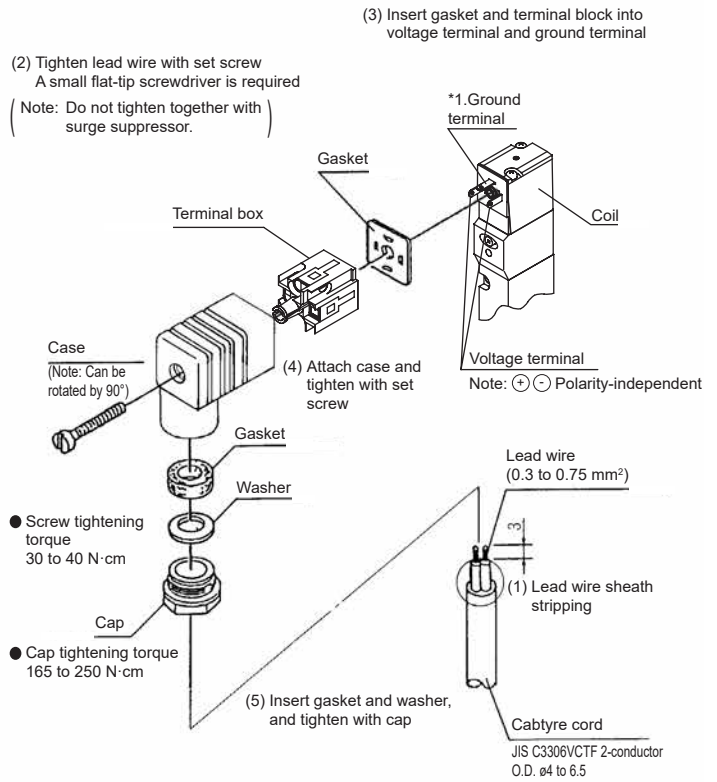
| Nichifu Terminal Industries Co., Ltd. | | | Fuji Terminal Industry Co., Ltd. | | J.S.T. Mfg Co., Ltd. | |
|---------------------------------------|------------|--|----------------------------------|-------------|----------------------|------------|
| O terminal | Y terminal | | O terminal | Y terminal | O terminal | Y terminal |
| 0.3-3 | 0.3-3 | | 1.25-3 | 1.25-YAS3 | 0.5-3 | 0.25-B3A |
| 1.25-3 | 1.25Y-3 | | 1.25-3 | 1.25-YAS3.5 | 1.25-3 | 1.25-C3A |
| 1.25-3S | 1.25Y-3.5 | | | | | |

When using a product of a different manufacturer, be sure to use an equivalent item.

*1: If the part is to be grounded, select option "ST". If option "ST" is not available, grounding function is not available.

Compact terminal box with lamp wiring method (compatible model: 3KA1/4K_A 1/4K_B 2)

Wire with steps (1) to (5).



*1: If the part is to be grounded, select option "ST". If option "ST" is not available, grounding function is not available.