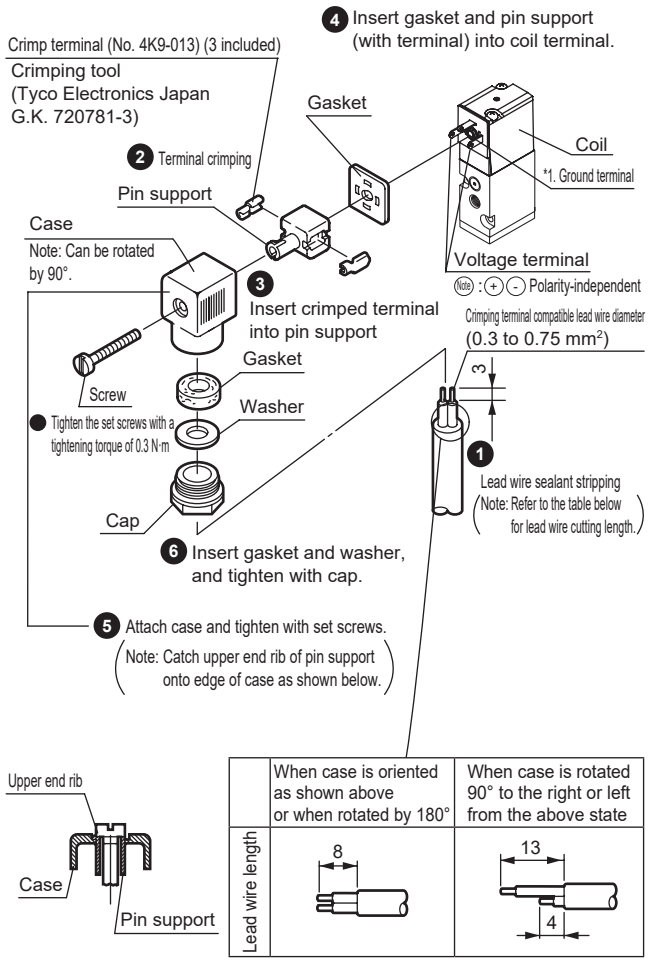
Terminal box wiring/connector connection method

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

Compact terminal box wiring method (3P*1B)

Wire with steps ❶ to ❻.



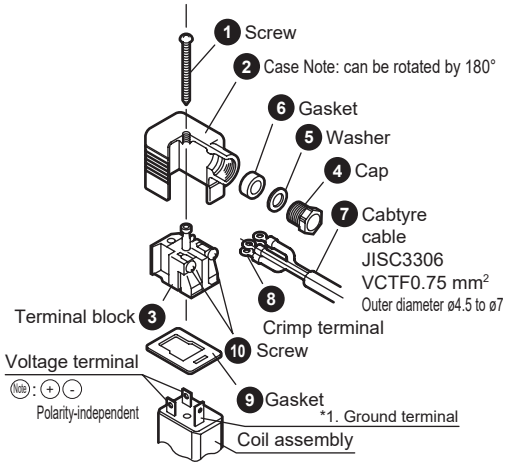
	When case is oriented as shown above or when rotated by 180°	When case is rotated 90° to the right or left from the above state
Lead wire length	8	13 / 4

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

Terminal box wiring method (3P*2B, L, LS)

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

1) On the cabtyre cable ❼, pass through the cap ❹, washer ❺ and gasket ❻ in order, and insert this into the case ❷.
2) When using a crimping terminal, prepare the cabtyre cable ❼ at an appropriate length as illustrated and crimp the crimping terminal ❽ on the end thereof.
3) From the terminal block ❸, remove the screws ❿, position the crimp terminal ❽ (loosen and crimp when using a Y type terminal), and fasten the screws ❿ again.
   (Note) Fasten the screw with a tightening torque of 0.5 Nm ± 15%.



Remarks:
- It is possible to wire the terminals with bare wires. In this case, fasten the screw ❿, place the lead wire in the bracket, and fasten the screw again.
- The orientation of the cord can be changed by pulling out the terminal block from the case, rotating it by 180°, and returning the block to the case.
- The crimp terminals ❽ listed in the table below can be used. Furthermore, insulate the bare terminals of the terminals in the table below. In addition, use sheathed terminals for those equivalent to the table below.

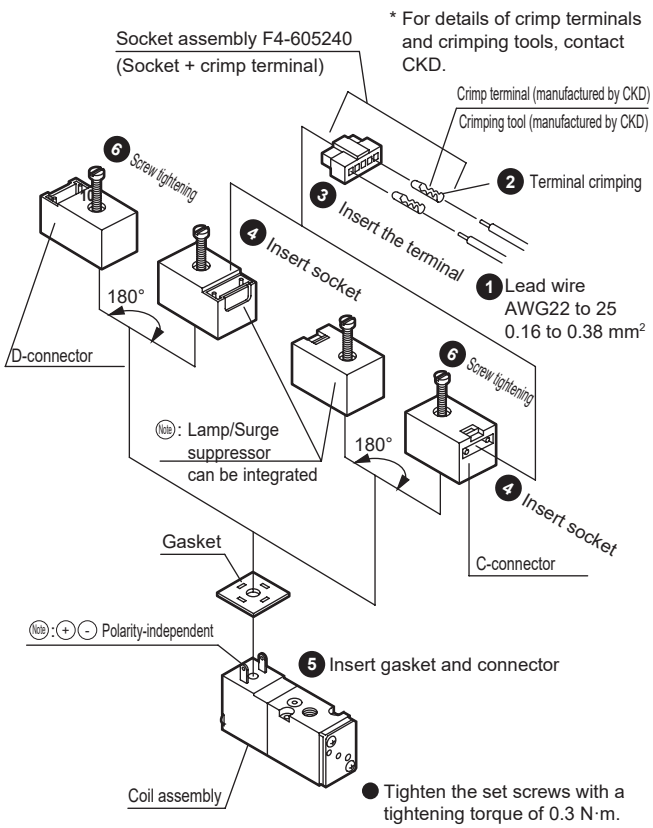
Nichifu Terminal Industries Co., Ltd.		Fuji Terminal Industry Co., Ltd.		J.S.T. Mfg Co., Ltd.	
O terminal	Y terminal	O terminal	Y terminal	O terminal	Y terminal
0.3-3 1.25-3 1.25-3S	0.3-3 1.25Y-3 1.25Y-3.5	1.25-3	1.25-YAS3 1.25-YAS3.5	0.5-3 1.25-3	0.25-B3A 1.25-C3A

When using a product from 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.

How to wire C type/D-connectors (3P*1/3P*2)

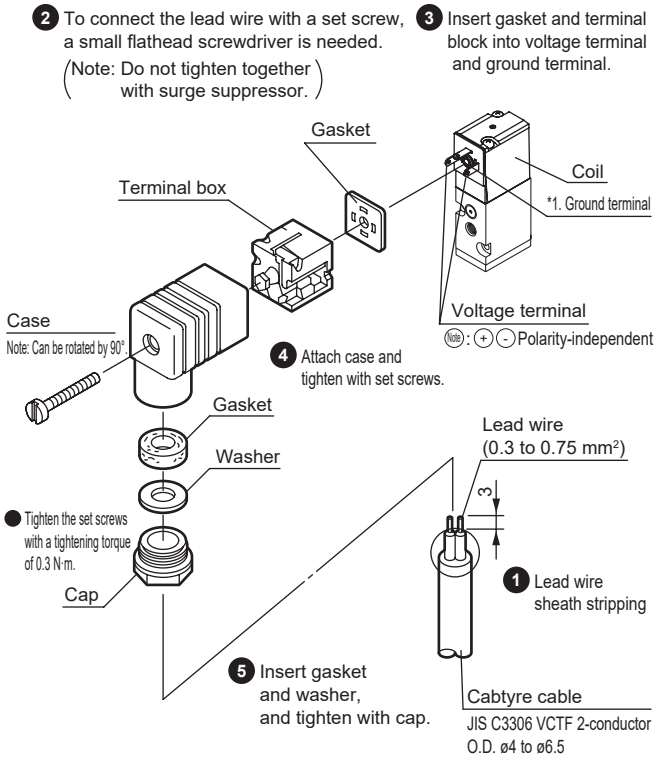
Wire with steps ❶ to ❻.



The power consumption of the 24 VDC model with lamp will be 2.0 W instead of 1.8 W.

How to wire compact terminal box with lamp (3P*1L, LS types)

Wire with steps ❶ to ❺.



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