



The following is the correct connection method for I/O wiring diagram of KILEWS product SKP-BC32/40HL v3.0/v4.0.

| BC32/40HL v3.0/v4.0 | | Customer/User PLC |
|---|---|---|
|  | |  |
| Output: OK, NG, OKALL | | Input |
| Output signal mode MOS relay | | Input signal method NPN or PNP |
| OK, NG, OKALL Signal | ↔ | Input signal |
| OK com, NG com, OKALL com | ↔ | Common point (COM) |
| Input: start, reverse, disable, confirm, gate, clear | | Output |
| Input signal method | | Output signal method |
| NPN | ↔ | NPN |
| ↔ RELAY(Between) ↔ | | PNP |

* Controller Inputs are all NPN, the signal must be connected to GND. For example, when Start is connected to GND, the screwdriver will start. If the customer device is using PNP type then **relay** must be installed in between to avoid the risk of causing controller PCB abnormalities.

* Controller Outputs are all with Mos relays, therefore no matter whether the customer is NPN or PNP, as long as the controller output signal is connected to the customer device input signal, and then each signal COM point of the controller is connected to the device common COM point.