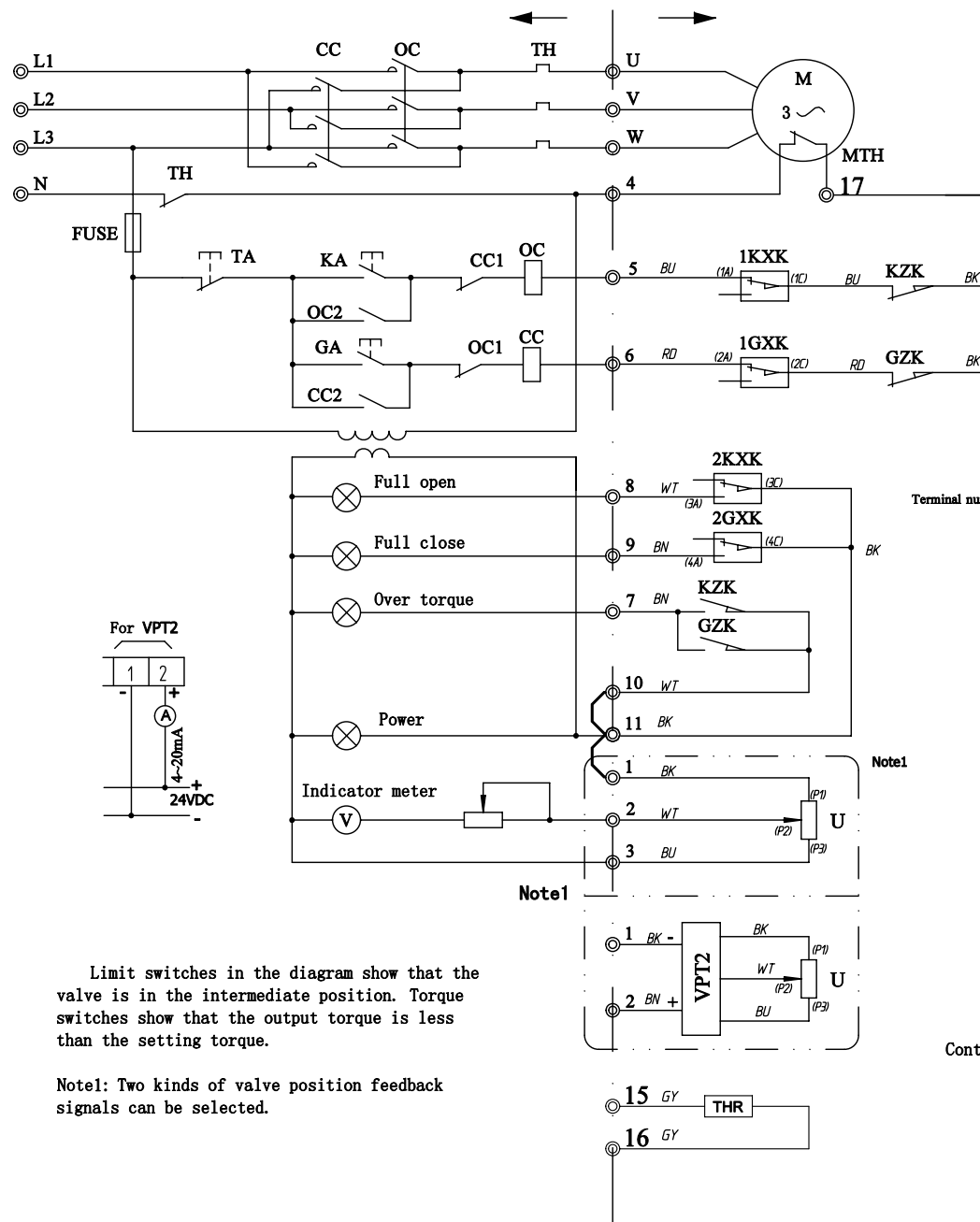


# Reference for user Inner connecting



Limit switches in the diagram show that the valve is in the intermediate position. Torque switches show that the output torque is less than the setting torque.

Notel: Two kinds of valve position feedback signals can be selected.

## Limit Switch Contact Development

| Rotor      | Switch name | Contact   | Valve position   |                   |
|------------|-------------|-----------|------------------|-------------------|
|            |             |           | Fully close<br>0 | Fully open<br>100 |
| Close<br>→ | 1KXK        | (1A)-(1C) | —                | —                 |
|            | 2KXK        | (3A)-(3C) | —                | —                 |
| Close<br>← | 1GXK        | (2A)-(2C) | —                | —                 |
|            | 2GXK        | (4A)-(4C) | —                | —                 |

Note: — On — — Off

## Description:

◎ Terminals for wiring



Products provide jump line when they go out

KXK, GXK

Open, Close limit switch (250VAC/15A)

KZK, GZK

Open, Close torque switch (220VAC/5A)

THR

Space heater (220VAC 6.8kΩ)

MTH

Protection switch in motor winding

U

560Ω Potentiometer

(Resistance between(P2) and (P3) increases when the valve is towards opening)

ST

Thermo switch

VPT2

Transmitter

OC, CC

Open, close contact

TH

Thermal overload relay

FUSE

Fuse in control circuit

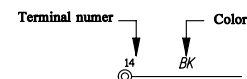
XK

Local/remote selector

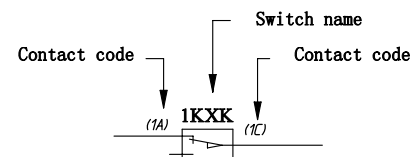
KA, GA, TA

Open, close, stop rotate button

Not provide with product



| Abbr | Color |
|------|-------|
| WT   | White |
| RD   | Red   |
| BU   | Blue  |
| BN   | Brown |
| BK   | Black |
| GY   | Gray  |



## WIRING DIAGRAM CE311D

For actuator of size 9030