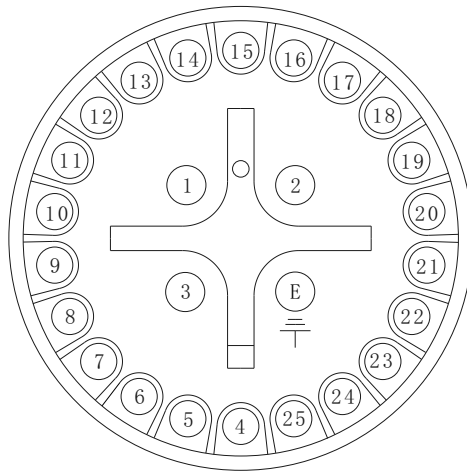


# TEFULONG

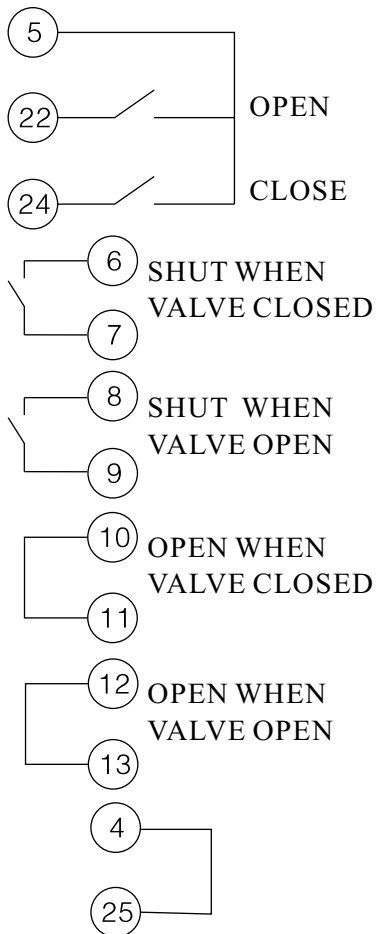


Warning: Please refer to the rated voltage stamped on the actuator nameplate before connecting power. Connect terminals 1, 2, and 3 when the power is three phases 380VAC. Connect terminals 1 and 2 when the power is single phase 220VAC.

- |                      |  |
|----------------------|--|
| ① Power Line 1#      | ⑭ 4-20mA position feedback+                    |
| ② Power Line 2#      | ⑮ 4-20mA position feedback-                    |
| ③ Power Line 3#      | ⑯ Analogue position control-                   |
| ④ 24vdc -Ve          | ⑰ Analogue position control+                   |
| ⑤ 24vdc +Ve          | ⑱  |
| ⑥ Monitor Relay S1-1 | ⑲  |
| ⑦ Monitor Relay S1-2 | ⑳  |
| ⑧ Monitor Relay S2-1 | ㉑ ESD  |
| ⑨ Monitor Relay S2-2 | ㉒ Remote opening signal input end              |
| ⑩ Monitor Relay S3-1 | ㉓ Remote stopping/maintaining signal input end |
| ⑪ Monitor Relay S3-2 | ㉔ Remote closing signal input end              |
| ⑫ Monitor Relay S4-1 | ㉕ Remote control common end                    |
| ⑬ Monitor Relay S4-2 | Ⓔ Open Interlock                               |

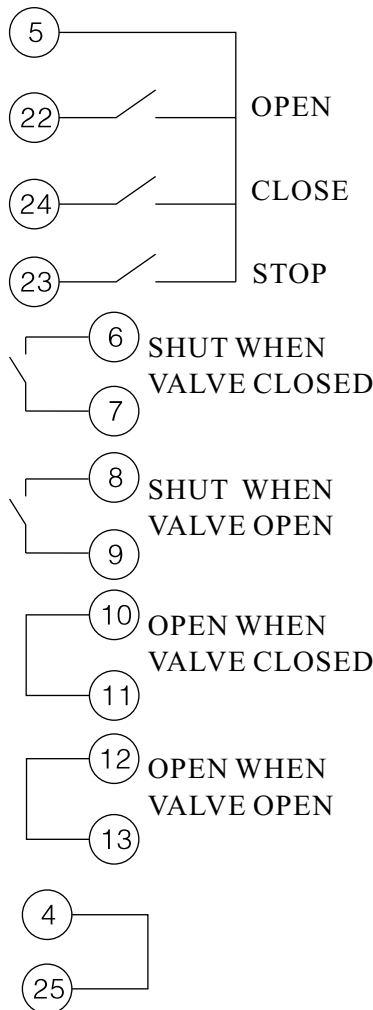
# AVAR WIRING DIAGRAM

## SWITCHING VALUE INCHING CONTROL WIRING DIAGRAM



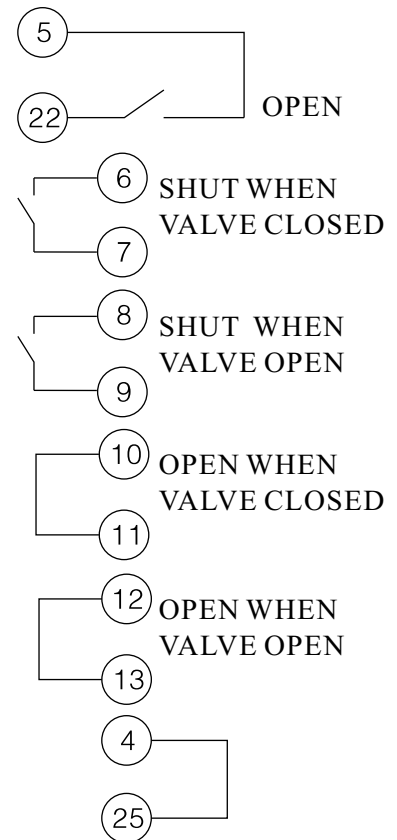
NOTE: CHANGE REMOTE CONTROL INTO SWITCHING VALUE CONTINUOUS CONTROL WHEN USING THIS.

## SWITCH BURST PULSE SIGNAL CONTROL



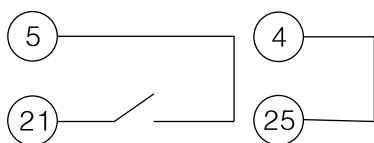
NOTE: USE THIS AND CHANGE REMOTE CONTROL INTO SWITCHING VALUE PULSE CONTROL WHEN CONTROL SIGNALS ARE BURST PULSES

## TWO WIRE CONTROL WIRING DIAGRAM

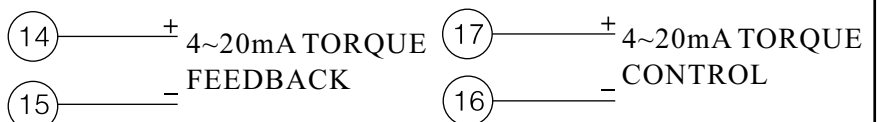


NOTE: SHUT DEFAULT SETTING OF ACTUATORS WHEN USING TWO WIRE CONTROL. OPEN ACTUATORS WHEN THE 22 SIGNAL IS INPUT

## ESD CONTROL



## ANALOGUE CONTROL WIRING DIAGRAM



NOTE: CHANGE REMOTE CONTROL INTO ANALOGUE ON MENU OF ACTUATORS WHEN USING THIS.

Note: for more information, please contact Tefulong.