

# XIAMEN SANIDENG PLASTICS INDUSTRY CO.,LTD



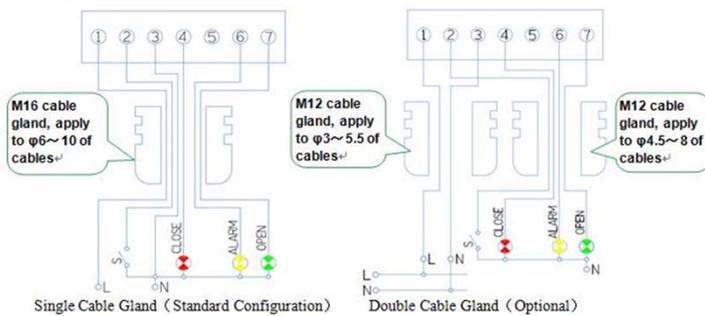
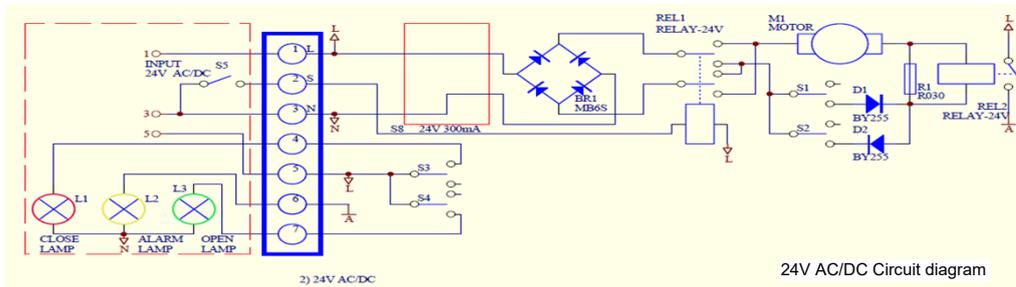
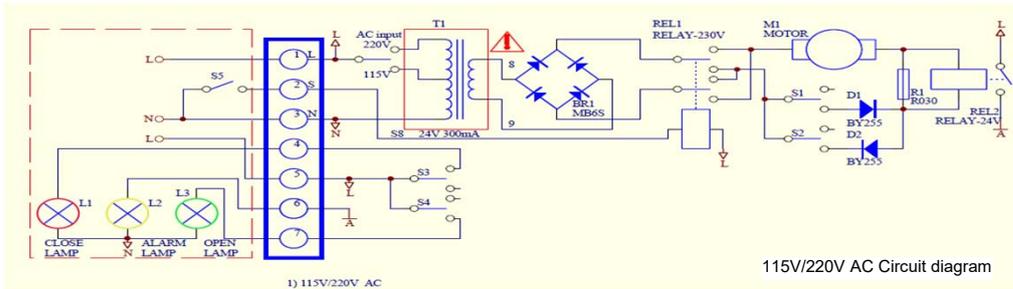
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## Wiring for Sanking Electric Actuator

To whom it may concern,

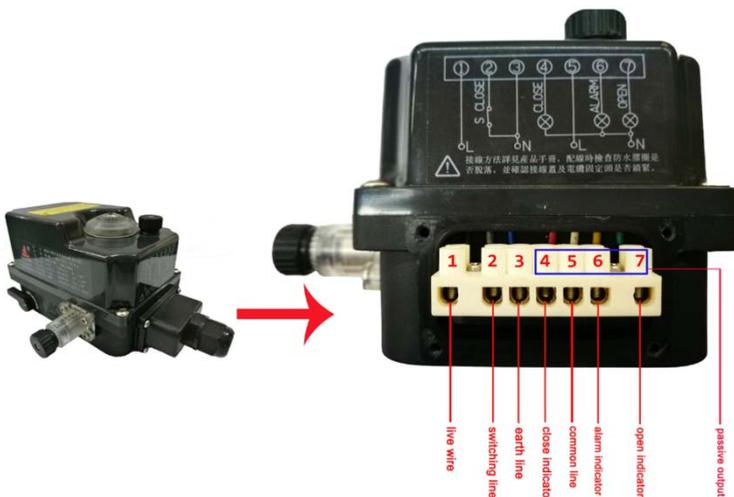
Before wiring Sanking Electric Actuator, kindly pls pay high attention to below items, thanks

### 1. Circuit Diagram and Wiring Instructions



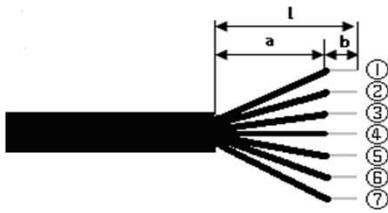
- Any electrical installation must be conducted by electrician or supervised by qualified engineers accord as per local electrical engineering.
- Before turning on the power, please confirm the input supply voltage is the same as showed in the nameplate.
- If more than two sets of electric valves are required to turn on or turn off at the same time, please add electric relays for each set, any series or parallel connections are not allowed.
- After finishing the wiring, please check if the O-ring fall off. Lock the connection cover and screw the cable gland to avoid rain sank into.
- If many sets of actuators will be installed nearby, to buy the connection cover with two cable glands which can reduce the installation cost.

### 2. Below is the reference of Wiring, just for reference.



3. IF the power supply is suddenly off, pls make sure to operate as per the catalogs from pages 6 to 8, thanks

4. Cable Wiring Requirements



Line No.	outer layer stripping length L(mm)	remaining length a(mm)	bare metal length b(mm)
①	30 ± 2	30 ± 2	7 ± 1
②		25 ± 2	7 ± 1
③		22 ± 2	7 ± 1
④		20 ± 2	7 ± 1
⑤		22 ± 2	7 ± 1
⑥		25 ± 2	7 ± 1
⑦		30 ± 2	7 ± 1

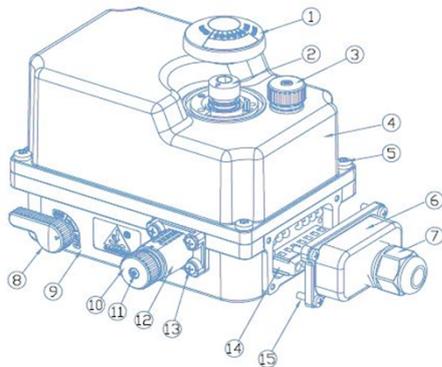
5. Cable Wiring Steps:

- 5.1) Open terminal box (Item 6), screw off cable joint (Item 7), and wire cables from the joint into terminal box;
- 5.2) Insert cables into terminal blocks (Item 14) according to line no.
- 5.3) Check if the Oring inside terminal box (Item 6) is in place, then screw up (Item 15) to seal up the wiring box.
- 5.4) Lock up the cable joint (Item 7)

Note:

- 1. Both above 5.3) and 5.4) steps are required to make sure the actuator could meet IP67 standard.
- 2. IF to synchro-switch more than 2 electric actuators, pls add relay(one actuator one relay), and cannot be used in series or in parallel.

EA-A6 Surface, Parts & Materials



Item	Parts	Materials
1	Index Plate	PET
2	Chief Axis	SUS430
3	Preset Dial Adjusting Button	PA6
4	Upper Cover	ABS
5	Screw	SUS304
6	Terminal Box	PA66+30%GF
7	Cable Joint	PA6
8	Clutch Shaft	PA6
9	Lower Cover	PA66+30%GF
10	Mechanical Adjusting Button	PA6
11	Spacing Screw	SUS304
12	Indicator	PET
13	Screw	SUS304
14	Terminal Blocks	PBT+30%GF
15	Screw	SUS304

Thanks for your kind attention to above, if any other issues, pls make sure to contact us at the first time, thanks

Best Regards  
 XIAMEN SANIDENG PLASTICS INDUSTRY CO.,LTD  
 2016/8/2