

# BUTTERFLY VALVE

MANUFACTURED BY ; SAM CHANG FOUNDRY CO., LTD.

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## ● INSTALLATION INSTRUCTION

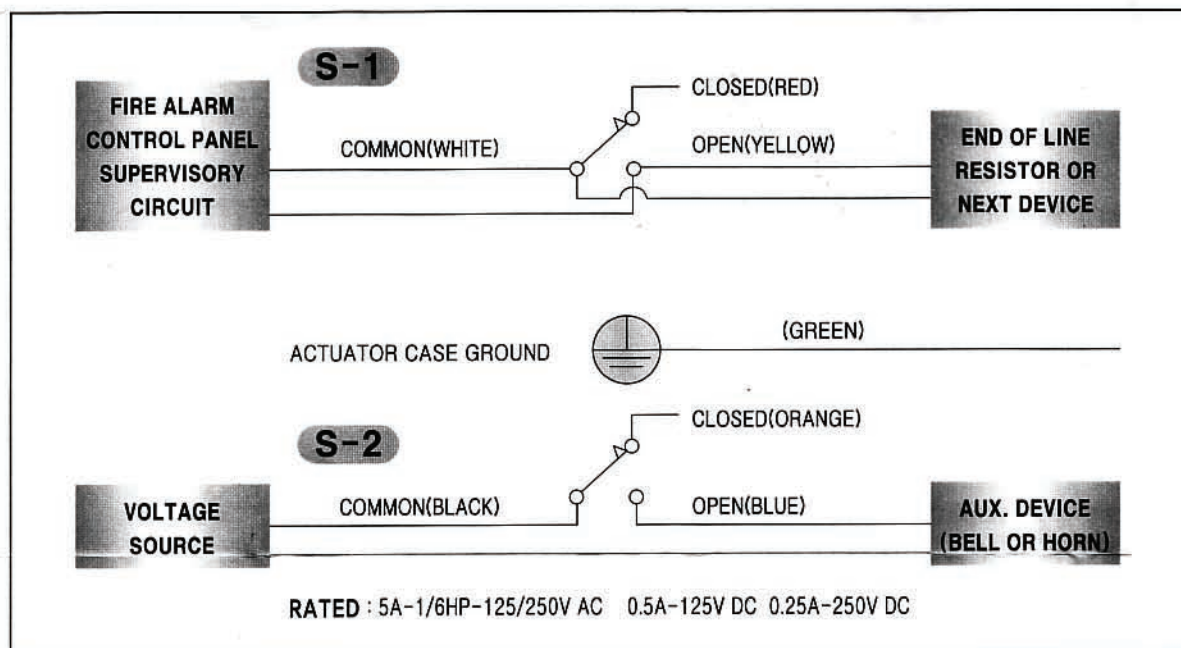
BO-G 300, BO-W 300 BUTTERFLY VALVES ARE INTENDED FOR INDOOR & OUTDOOR USE, WHERE THEY WILL BE READILY ACCESSIBLE FOR OPERATION, INSPECTION AND MAINTENANCE.

WHEN THE VALVES ARE RECEIVED FROM MANUFACTURER, THEY SHOULD BE HANDLED CAREFULLY TO AVOID BREAKAGE AND DAMAGE TO SEATING AREA. BEFORE INSTALLATION OF THE VALVES CLEAN PIPING, FLANGE AND COUPLING.

THE VALVE SHOULD NEVER BE FORCED TO SEAT BY APPLYING A WRENCH TO THE HAND WHEEL AS THIS MAY DISTORT THE VALVE COMPONENT AND SCORE THE SEALING SURFACE. WHEN A VALVE CLOSES HARD, IT IS USUALLY FROM DEBRIS LODGED IN THE SEALING AREA. THIS MAY BE CORRECTED BY BACKING OFF THE HAND WHEEL AND CLOSING IT AGAIN..... SEVERAL TIME IF NECESSARY.

REFER TO SWITCH WIRING DIAGRAM INSTRUCTION SHEET FOR GEAR OPERATED VALVE WITH SWITCHES. ELECTRICAL CONNECTIONS TO BE IN ACCORDANCE WITH NFPA 70 AND NFPA 72, NATIONAL ELECTRICAL CODE.

## ● SWITCH WIRING DIAGRAM



**Switch # 1 S1** : For connection to the supervisory circuit of a UL Listed alarm control panel.  
: Normally Closed (2) Red  
: Normally Open (2) Yellow  
: Common (2) White

**Switch # 2 S2** : Auxiliary switch which may be connected per authority having jurisdiction to auxiliary device.  
: Normally Closed (1) Orange  
: Normally Open (1) Blue  
: Common (1) Black

Housing ground lead #18 AWG is provided (1) Green.