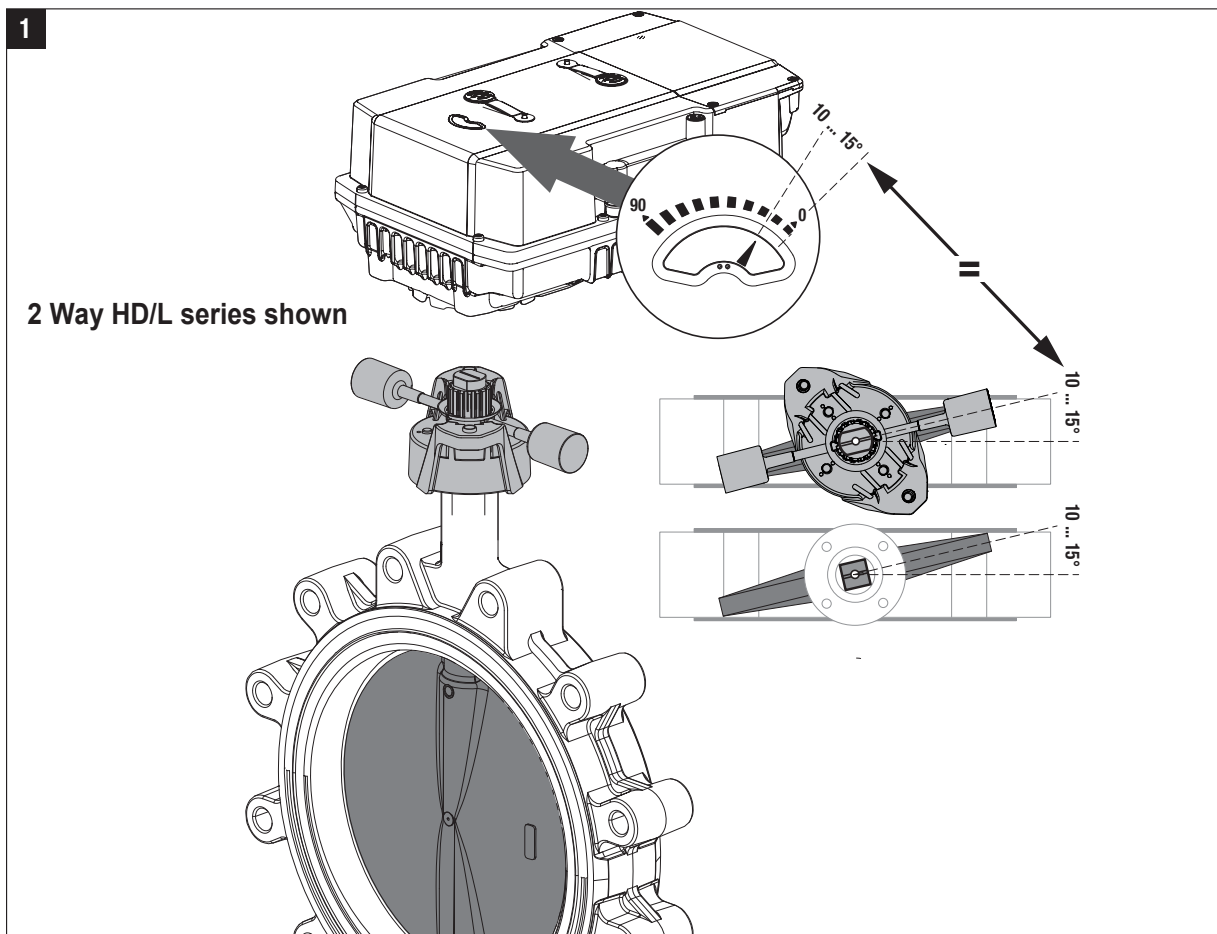
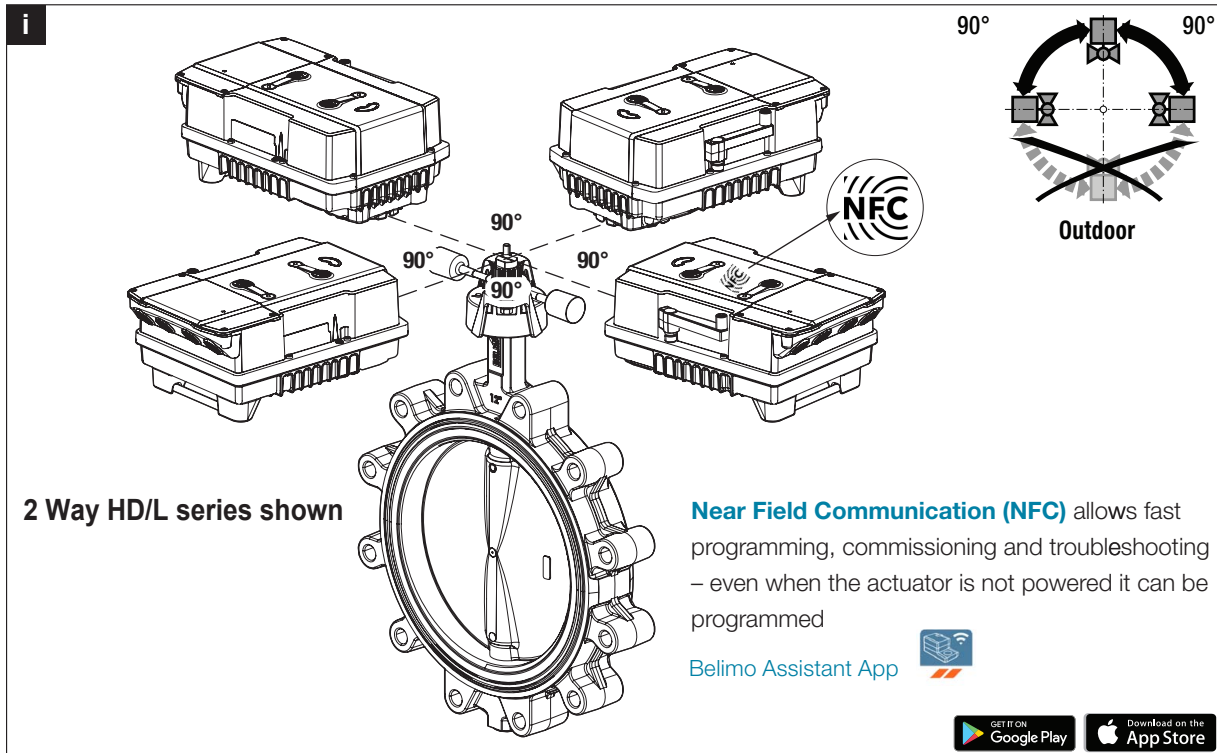
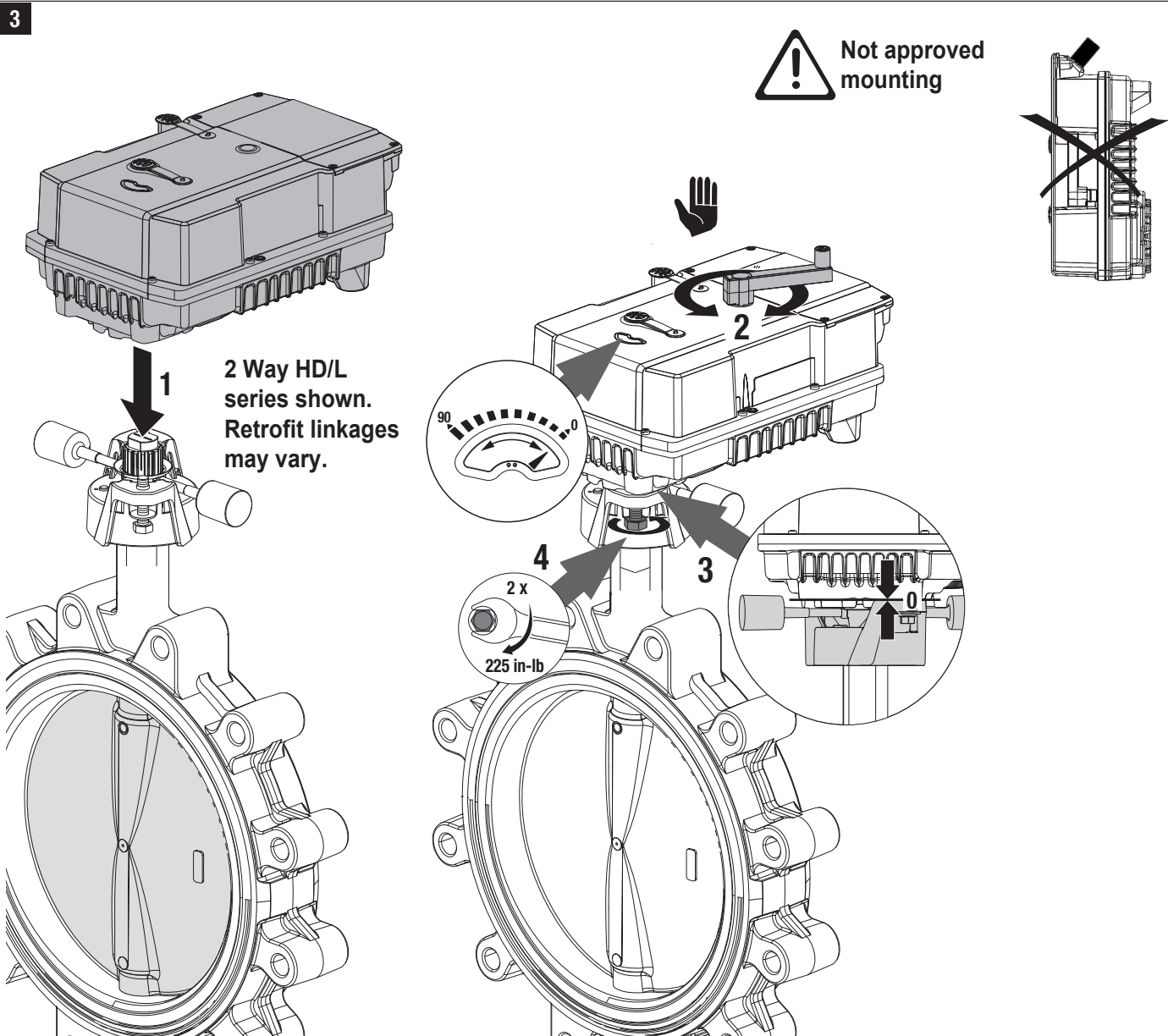
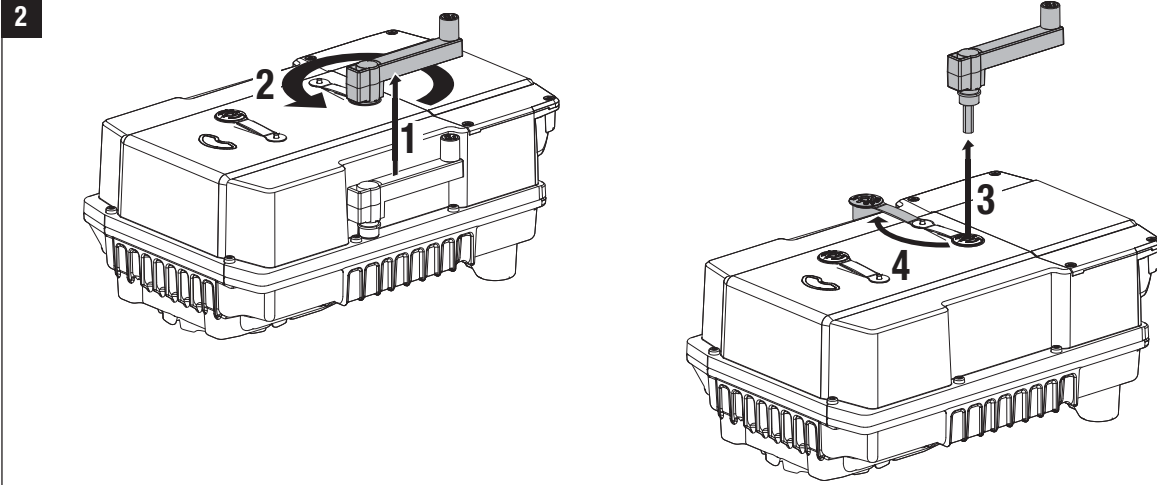
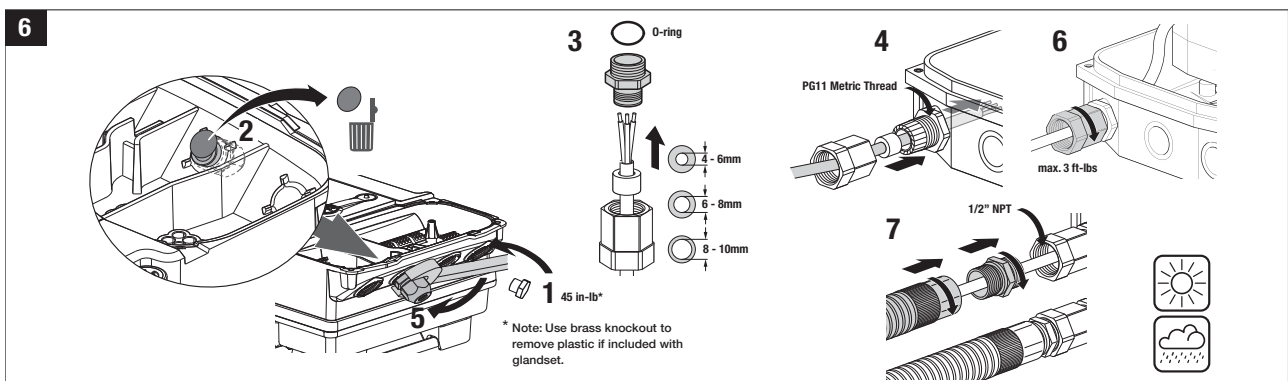
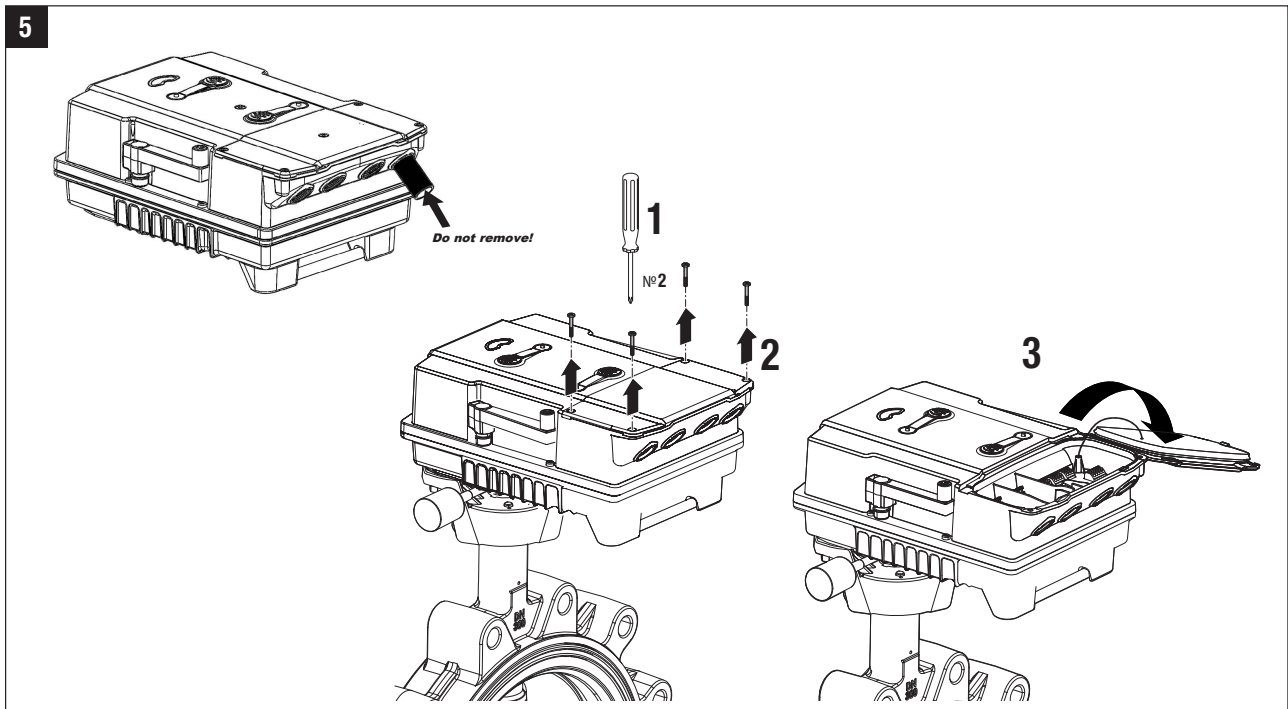
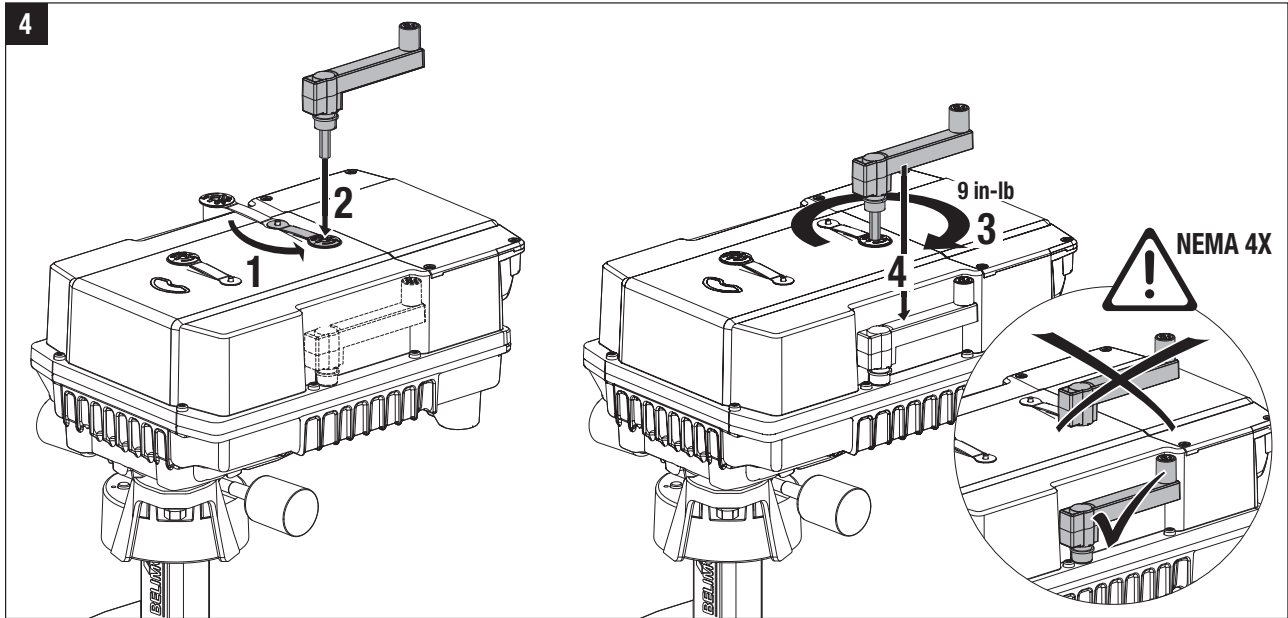


# PR and PKR Actuators with Butterfly Valves

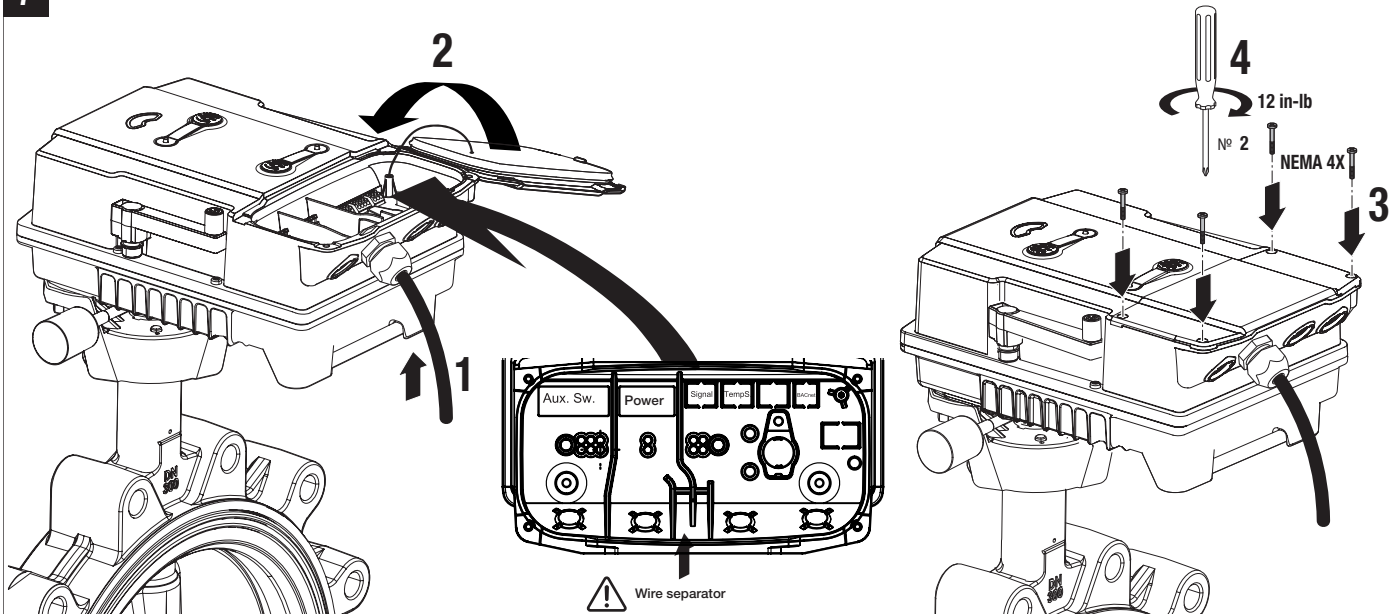




# PR and PKR Actuators with Butterfly Valves

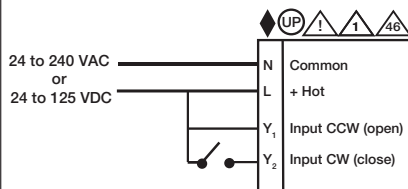


7

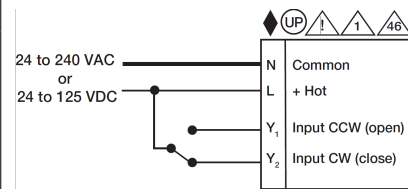


## WIRING DIAGRAMS

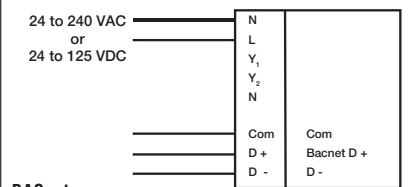
### PR and PKR Actuators



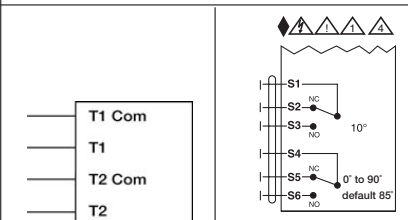
On/Off



On/Off

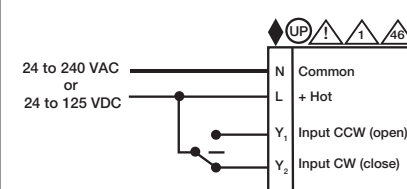


BACnet

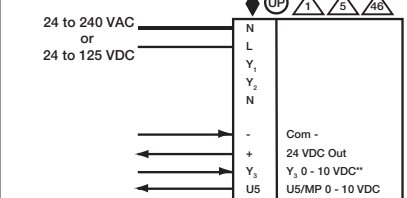


Temp Sensor

End Switches

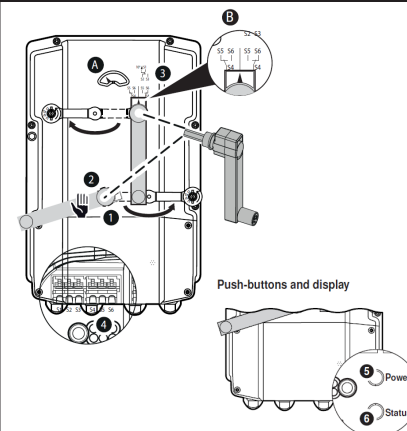


Floating Point



VDC / 4 to 20 mA

### Optional: end switch adjustment



### Notes:

- ◆ Meets cULus requirements without the need of an electrical ground connection.
- ⚠ Provide overload protection and disconnect as required.
- ⚠ Only connect common to neg. (-) leg of control circuits.
- ⚠ Two built-in auxiliary switches (2x SPDT), for end position indication, interlock control, fan startup, etc.
- ⚠ Actuators may be controlled in parallel. Current draw and input impedance must be observed.
- UP Universal Power Supply (UP) models can be supplied with 24 VAC up to 240 VAC, or 24 VDC up to 125 VDC.
- \*\*Control type, Direction and Fail position changes can be made via Belimo Assistant App, i.e. Floating or 4-20mA.

- ⚠ Disconnect power.
- 1 Gear disengagement  
Open the manual override cover and insert the hand crank. Manual override is possible.
- 2 Manual override  
Turn the hand crank until A indicates the desired switching position and then remove the crank.
- 3 Auxiliary switch  
Open the auxiliary switch adjustment cover and properly seat the hand crank into the actuator. B Turn the crank until the arrow points to the vertical line.
- 4 Terminals  
Connect continuity tester to S4 + S5 or to S4 + S6. If the auxiliary switch should switch in the opposite direction, rotate the hand crank by 180°.
- 5 LED Display Green  
Off: No power supply or malfunction, On: In operation  
Press button: Triggers test run, followed by standard mode.
- 6 LED Display Yellow  
Off: Standard mode, On: Test run active.