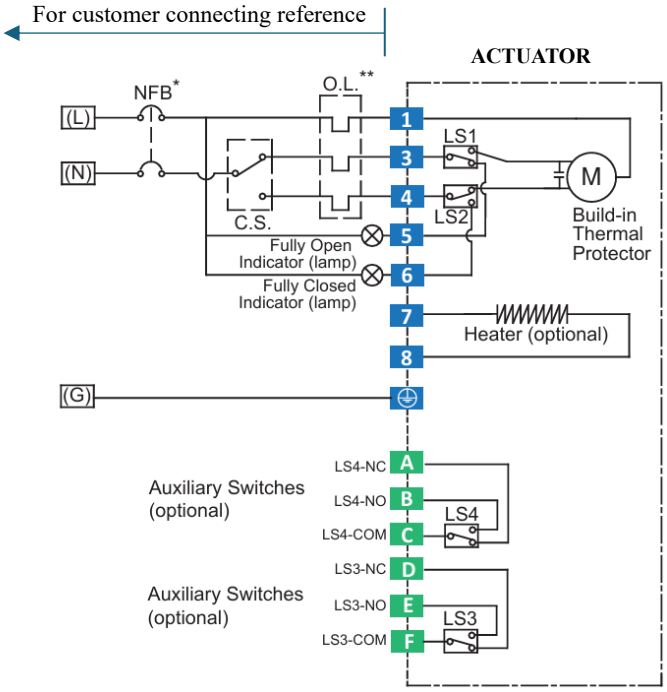
JS Electric Actuator Wiring Diagram

- **ON / OFF TYPE**

110/220 V_{AC} (1-Phase)

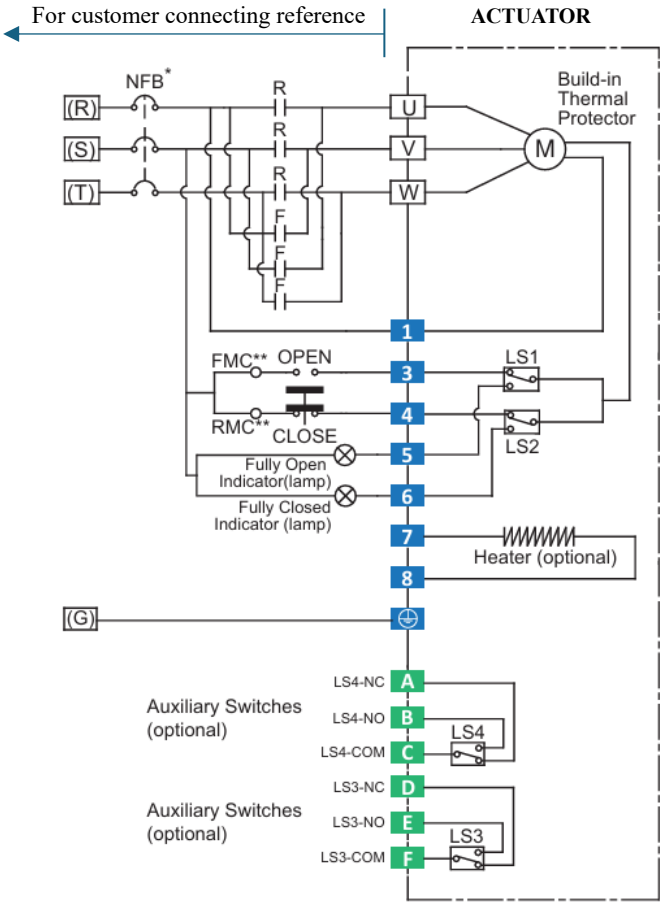


1 shall connect to Power Supply (L)
3 when connected to (N) = "OPEN"
4 when connected to (N) = "CLOSE"
5 Open Indicator Lamp
6 Closed Indicator Lamp
7 Heater Connection
8 Heater Connection

C.S. = Circuit Switch
NFB* = No Fuse Breaker
O.L.** = Overload Protection

Note: Use the voltage/current
less than AC220V/0.1A for A to F

220/380/440/460 V_{AC} (3-Phase)



1 shall connect to Power Supply (R)
3 when connected to FMC = "OPEN"
4 when connected to RMC = "CLOSE"
5 Open Indicator Lamp
6 Closed Indicator Lamp
7 Heater Connection
8 Heater Connection

NFB*=No Fuse Breaker
RMC**= Magnetic Contactor of R
FMC**= Magnetic Contactor of F

Note: Use the voltage/current
less than AC220V/0.1A for A to F

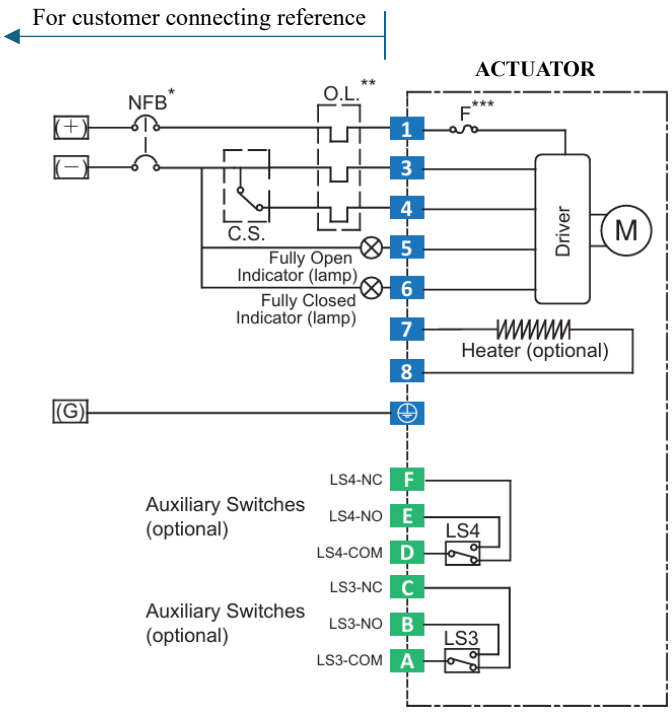
JS Electric Actuator Wiring Diagram

12 V_{DC}, 24 V_{DC}

1 shall connect to Power Supply (+)
3 shall connect to Power Supply (−)
4 when connected to 3 = "OPEN"
4 when disconnected to 3 = "CLOSE"
5 Open Indicator Lamp
6 Closed Indicator Lamp
7 Heater Connection
8 Heater Connection

C.S. = Circuit Switch
NFB*=No Fuse Breaker
O.L.**= Overload Protection
F***=Fuse

Note: Use the voltage/current
less than AC220V/0.1A for A to F

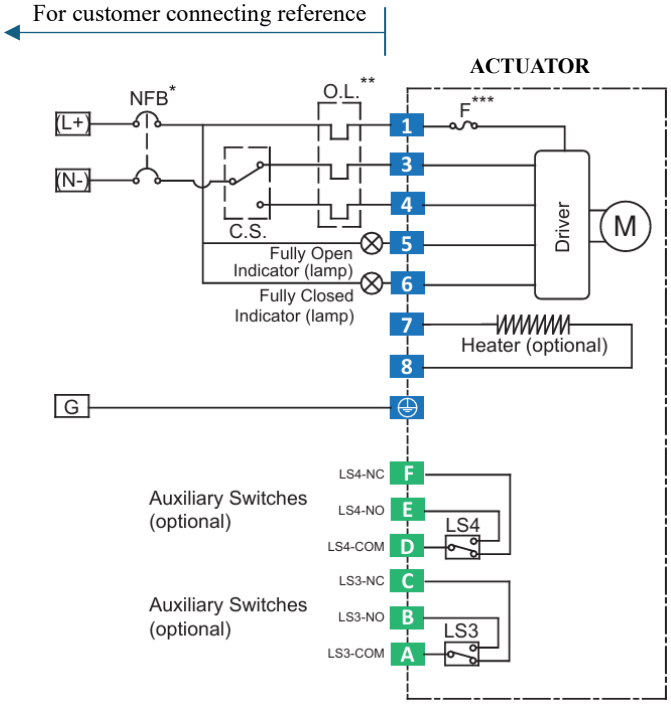


24 $V_{AC/DC}$

1 shall connect to Power Supply (L) or (+)
3 when connected to (N) or (−) = "OPEN"
4 when connected to (N) or (−) = "CLOSE"
5 Open Indicator Lamp
6 Closed Indicator Lamp
7 Heater Connection
8 Heater Connection

C.S. = Circuit Switch
NFB*=No Fuse Breaker
O.L.**= Overload Protection
F***=Fuse

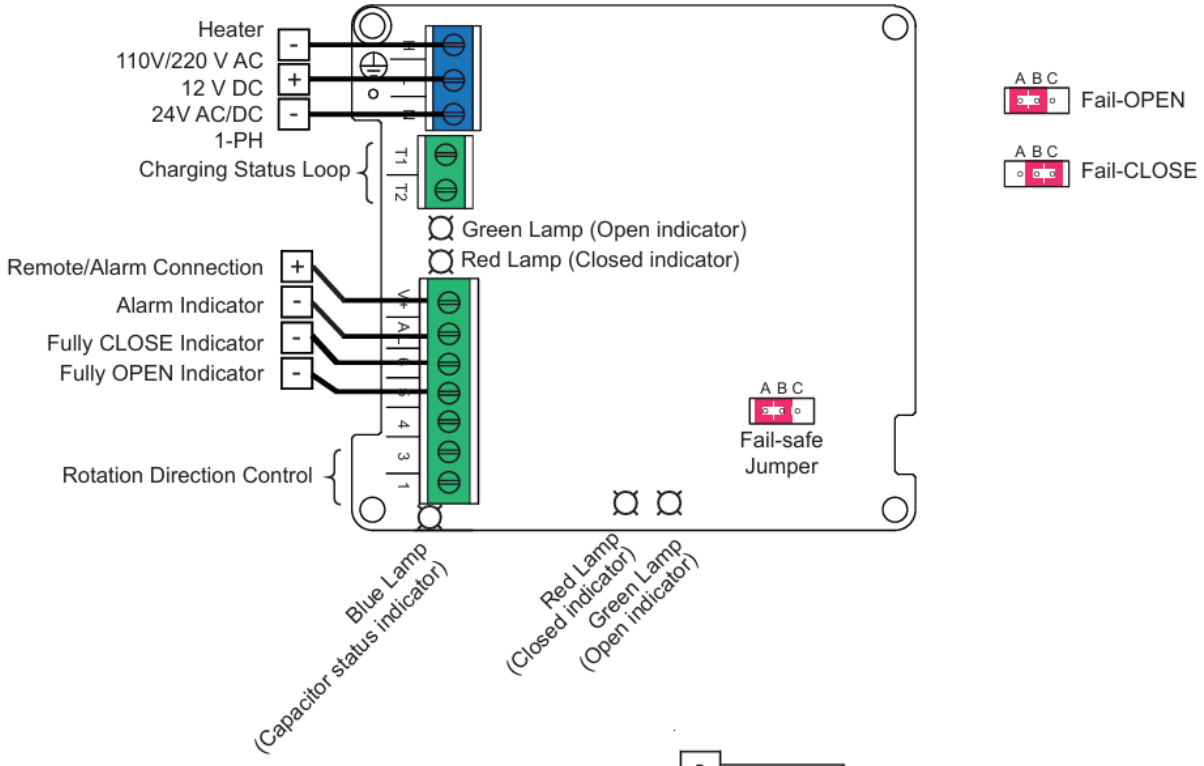
Note: Use the voltage/current
less than AC220V/0.1A for A to F



JS Electric Actuator Wiring Diagram

- **BATTERY BACKUP FAIL-SAFE TYPE**

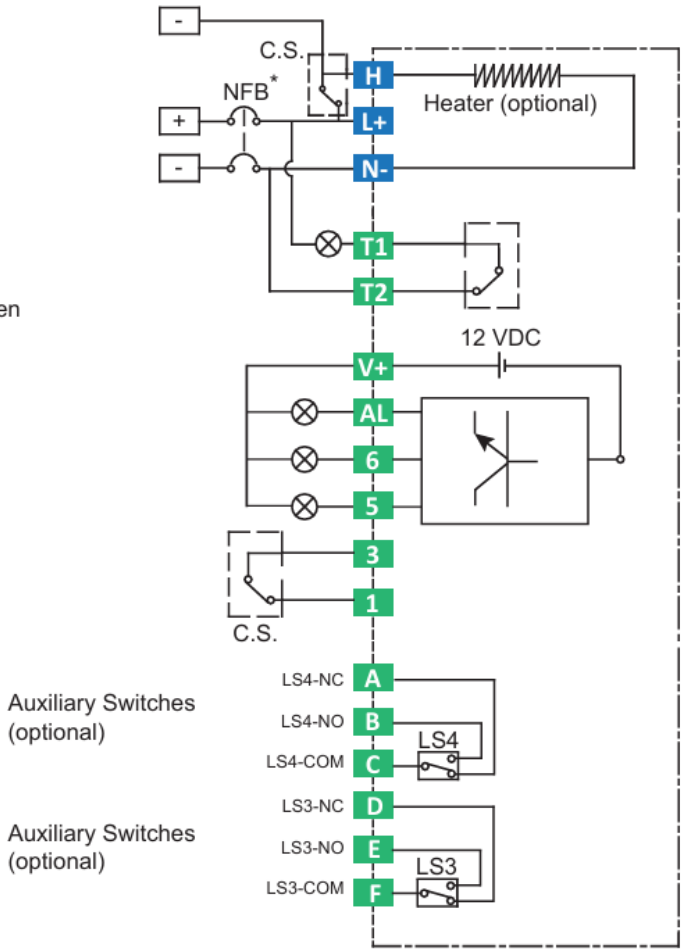
110/220 V_{AC}, 12V_{DC} and 24 $V_{AC/DC}$



(L+) Power Supply +
(N-) Power Supply -
(H) Heater Connection
(T1) (T2) Charging Status Loop:
When the battery is charing => short
When the battery stops charging => open
(V+) Internal DC Supply
(AL) Alarm Connection
(6) Fully OPEN Indicator
(5) Fully CLOSE Indicator
(3)(1) Switch of Clockwise/Counterclockwise

C.S. = Circuit Switch
NFB*=No Fuse Breaker

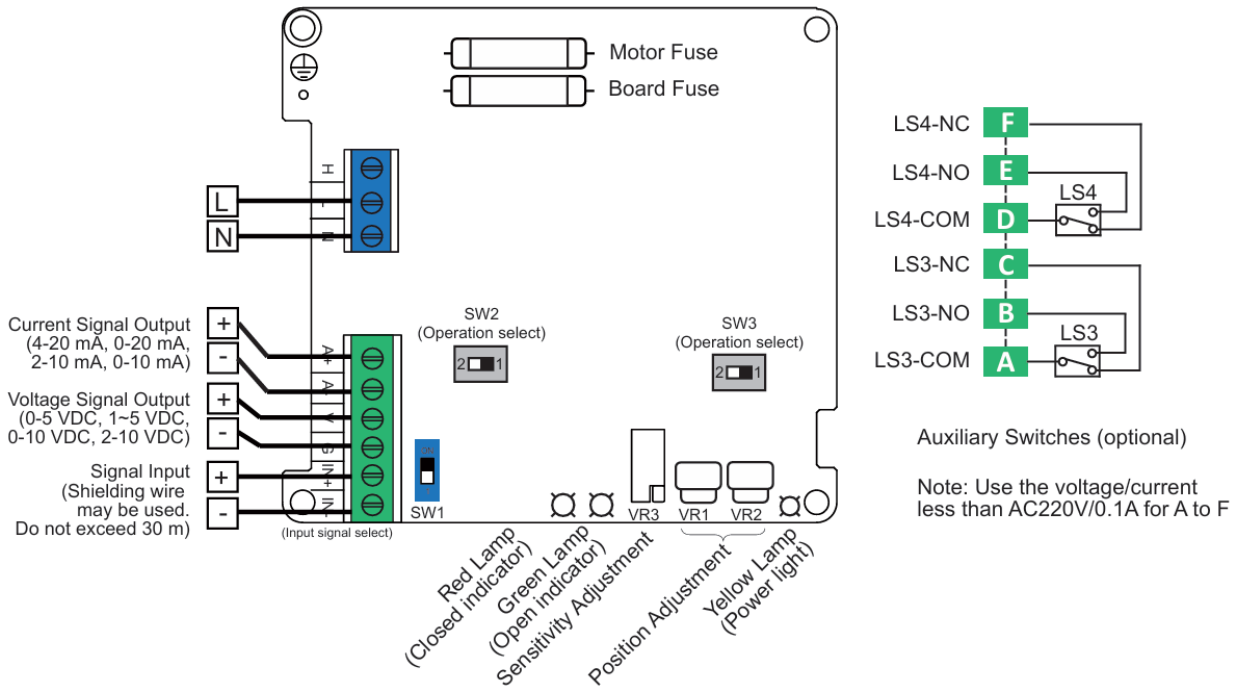
Note: Use the voltage/current
less than AC220V/0.1A for A to F



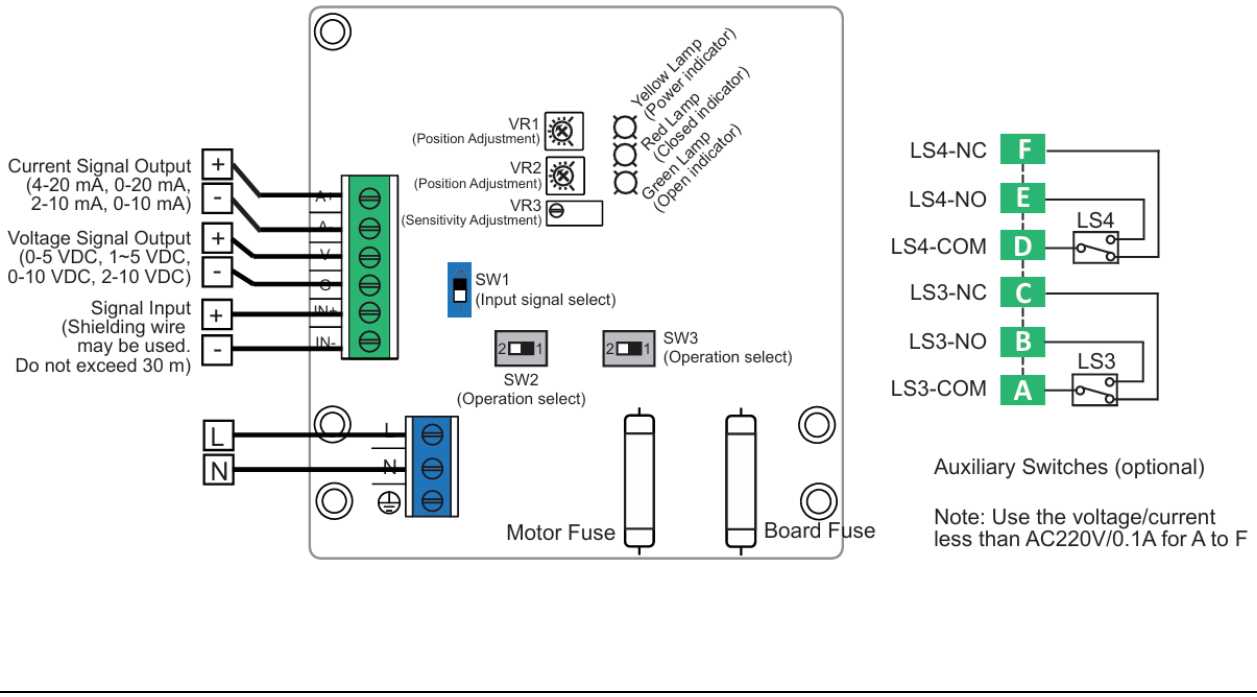
JS Electric Actuator Wiring Diagram

- **MODULATING TYPE**

AMD Board, 24/110/220 V_{AC} (1-Phase)



BMD Board, 110/220 V_{AC} (1-Phase)



JS Electric Actuator Wiring Diagram

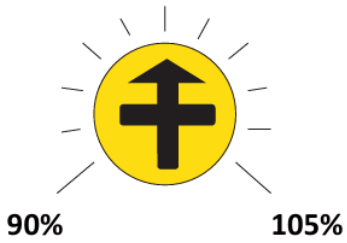
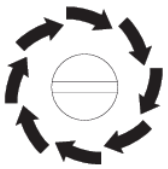
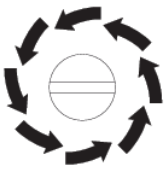
• QUICK START MODULATING TYPE

Switch Setting

Actuation		Setup of Switches		
Input Signal	OperationMode	SW1	SW2	SW3
Voltage 2~10V, 0~10V, 1~5V, 0~5V	MODE A[1] (Hi to OPEN)			
Voltage 2~10V, 0~10V, 1~5V, 0~5V	MODE B[2] (Lo to OPEN)			
Current 4~20 mA	MODE A[1] (Hi to OPEN)			
Current 4~20 mA	MODE B[2] (Lo to OPEN)			

NOTE: (1) MODE A: The valve is going to OPEN when input signal is HIGH (10V, 5V or 20mA) and vise versa.
(2) MODE B: The valve is going to OPEN when input signal is LOW (2V, 0V, 1V or 4mA) and vise versa.

Adjustment of VR

VR1: CLOSE angle adjuster	VR2: OPEN angle adjuster	VR3: Sensitivity adjuster	
		 Increase Sensitivity	 Decrease Sensitivity