0M Series QuarterTurn Actuators

Wiring Diagrams

On / OffControl

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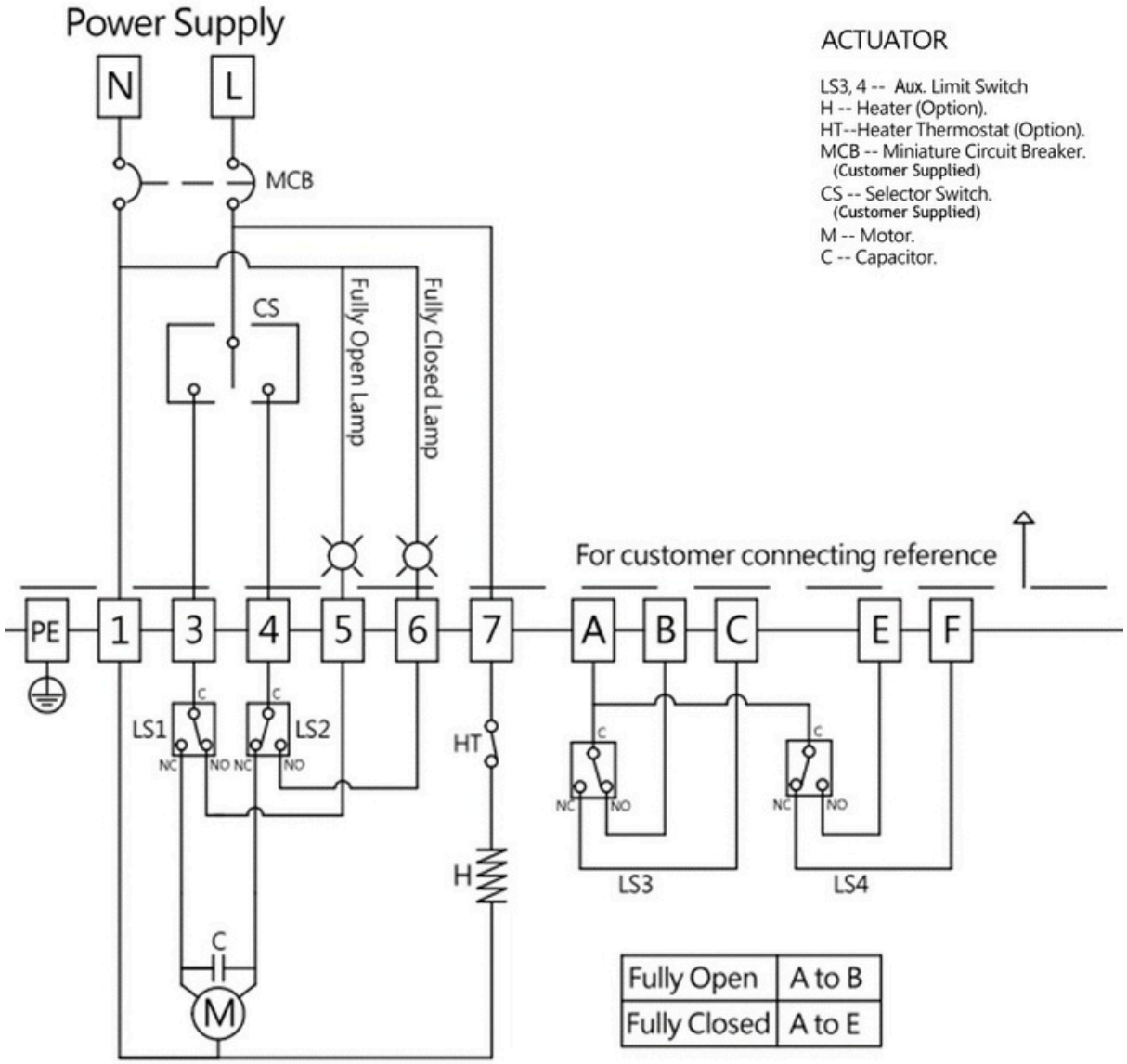
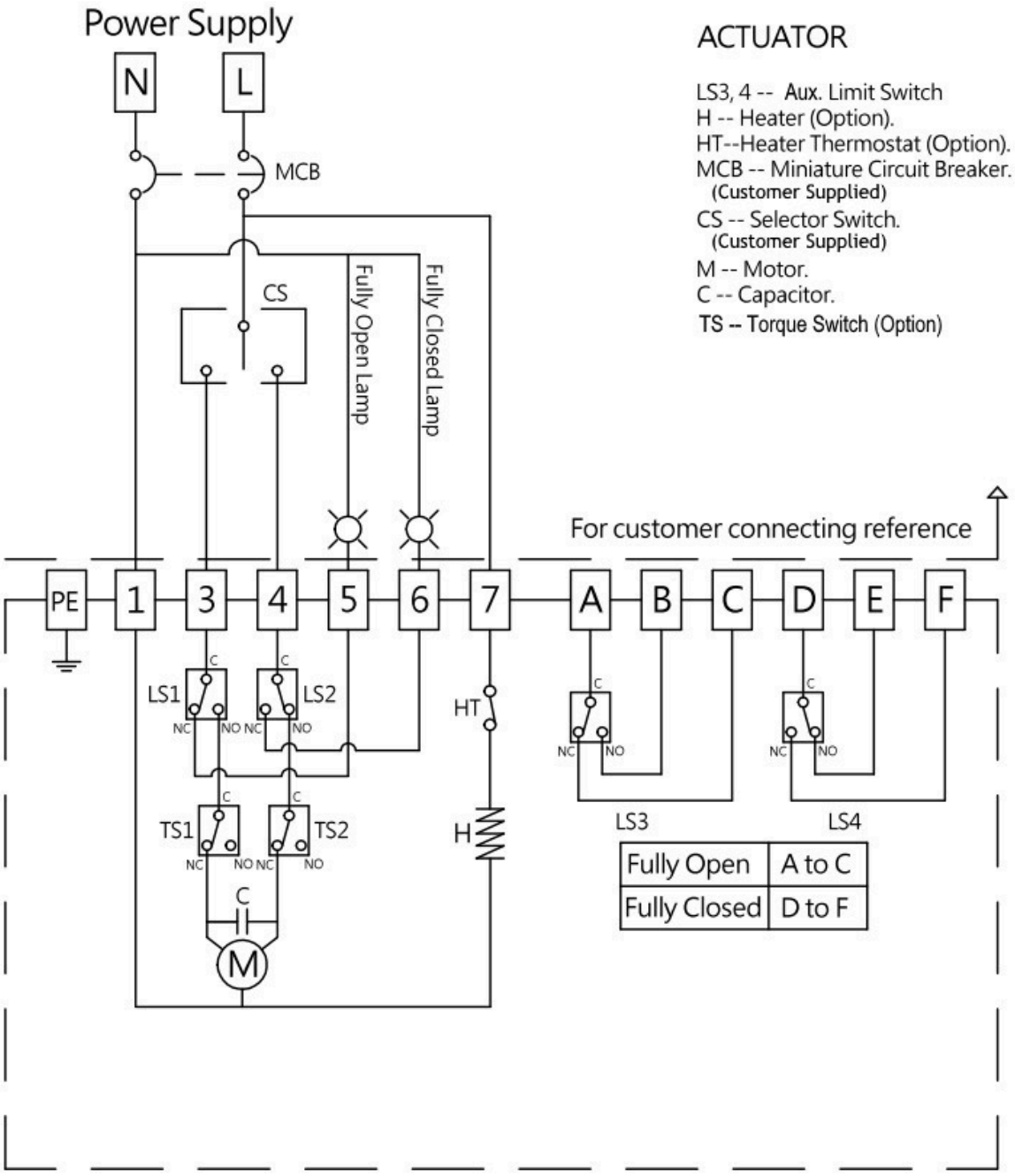
240VAC – 30% Duty Cycle
Models 0M-1 & 0M-A



Notes:

1. Heater (H) & Heater Thermostat(HT) are optional extras, contact Sales.
2. All items above the “CustomerConnection Reference” line are for reference only and is recommended for customertofollow best practises and design control elements to suit.
3. “N” connects to terminal1,“L”connects to terminal 7 .
4. “L” connects to terminal3for“OPEN” and to terminal 4 for “CLOSE” (through a switch sourced by customer).
5. Terminal block “A~F”needstouse resistive load and should not exceed 3A at 250VAC.
6. Do not parallel wire multipleactuators together without using an extra relay. Contact sales for optional Isolating RelayModulewhich can be fitted from factory.

Models 0M-2 to 0M-13



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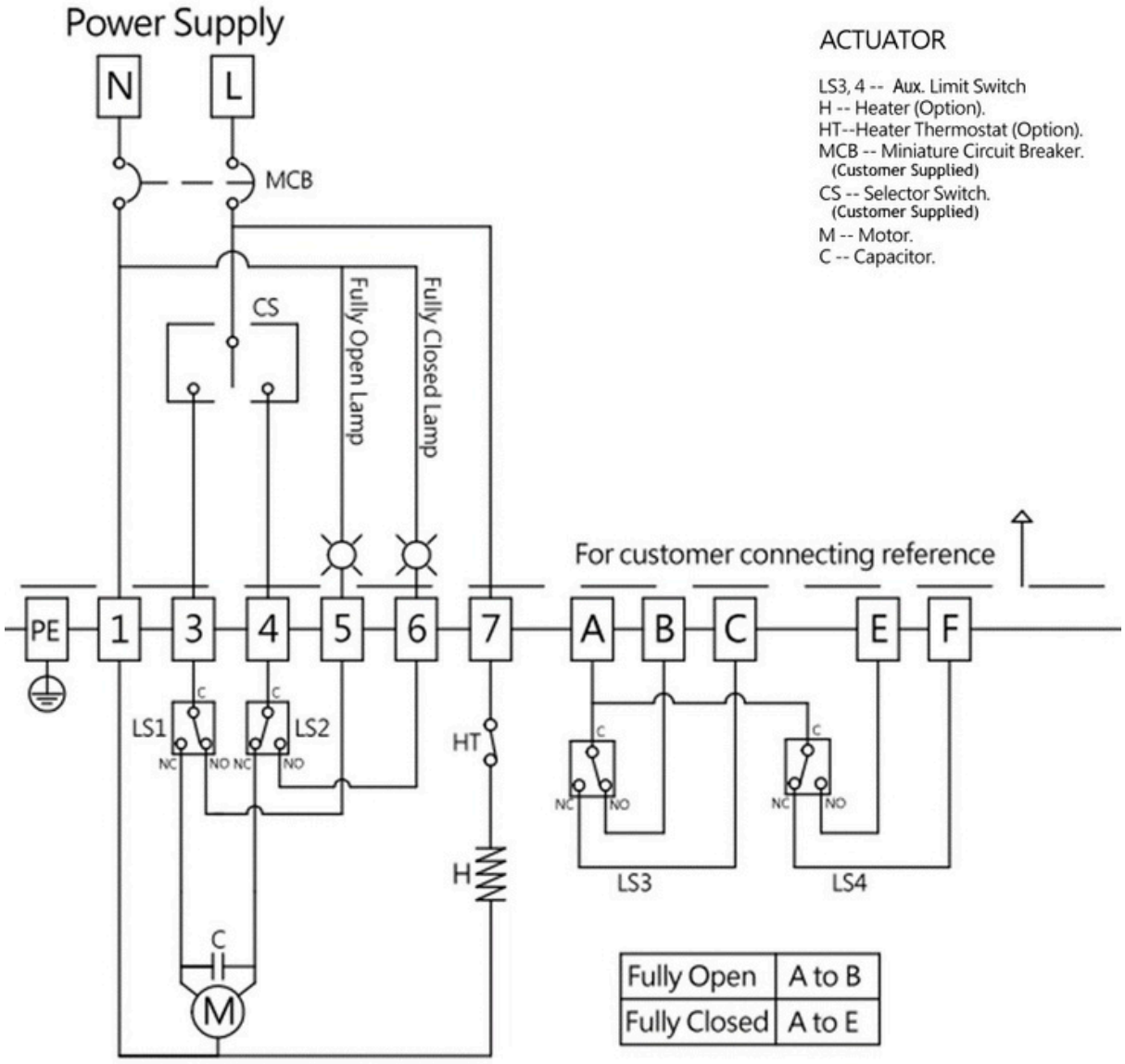
6. Do not parallel wire multiple actuators together without using an extra relay. Contact sales for optional Isolating Relay Module which can be fitted from factory.

110VAC – 30% Duty Cycle
Models 0M-1 & 0M-A



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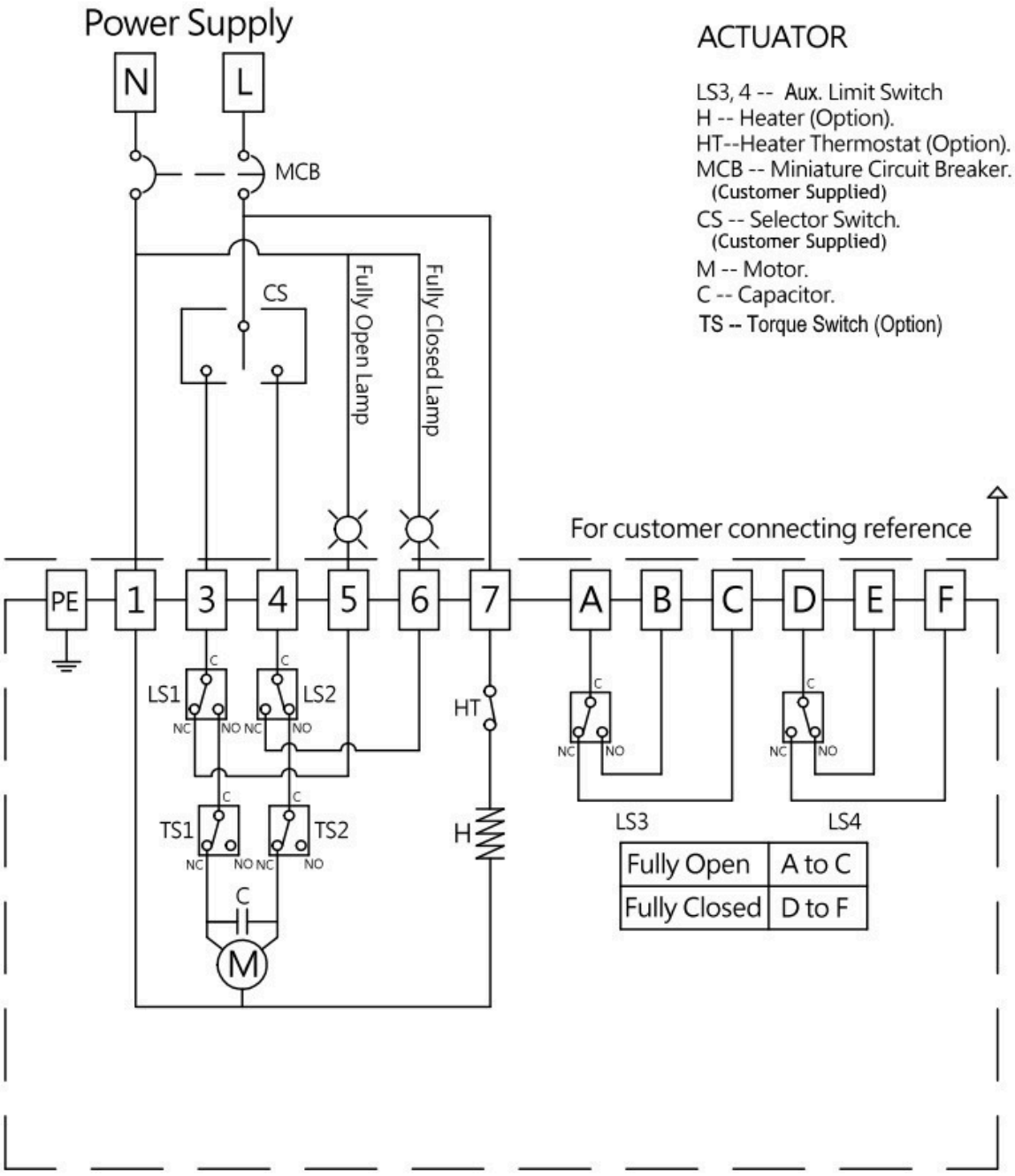
5. Terminal block “A~F” needs to use resistive load and should not exceed 3A at 250VAC.
6. Do not parallel wire multiple actuators together without using an extra relay. Contact sales for optional Isolating Relay Module which can be fitted from factory.

Models 0M-2 to 0M-13



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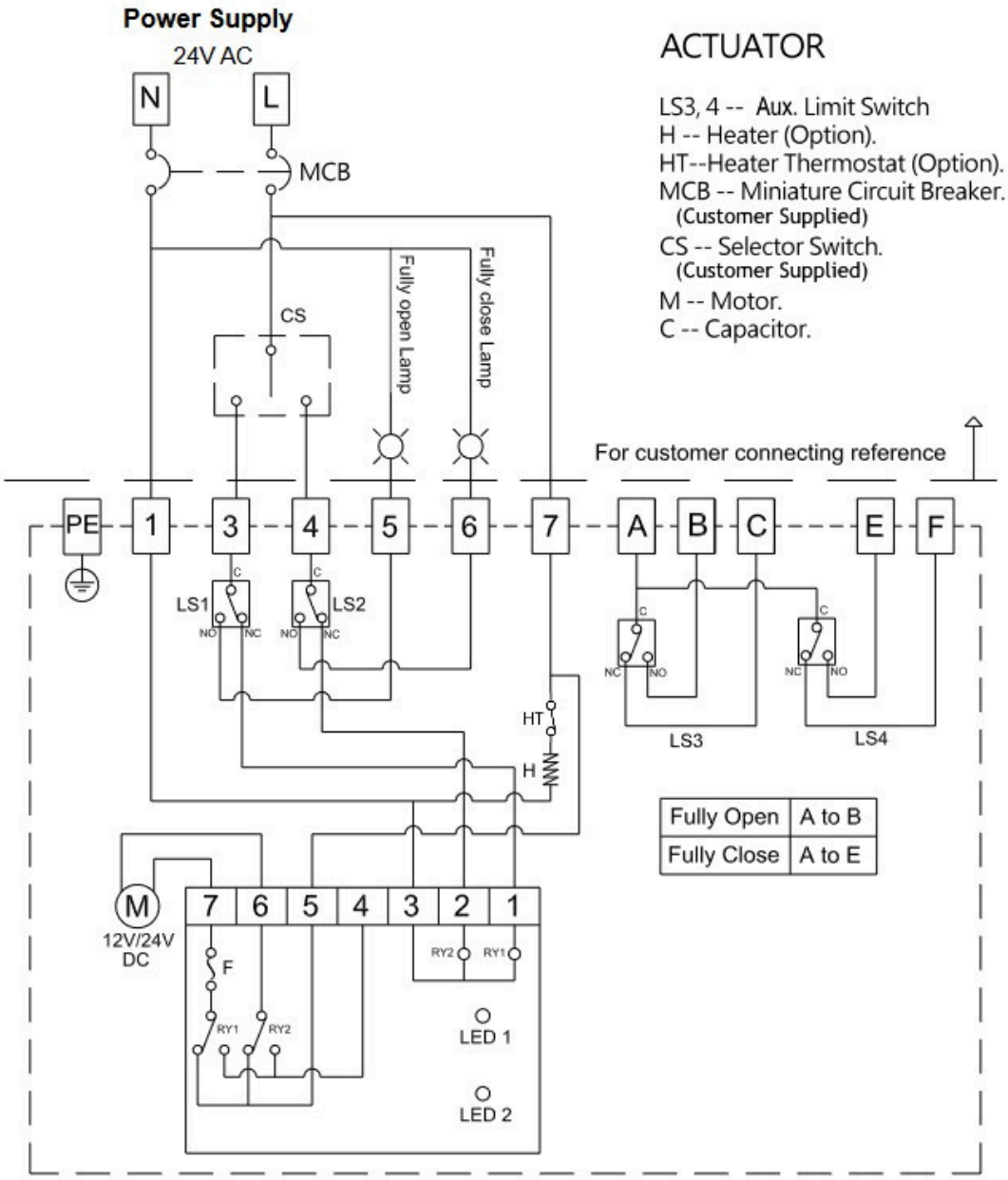
6. Do not parallel wire multiple actuators together without using an extra relay. Contact sales for optional Isolating Relay Module which can be fitted from factory.

24VAC – 75% & 50% Duty Cycles

Models 0M-1 to 0M-A (75% Duty Cycle)



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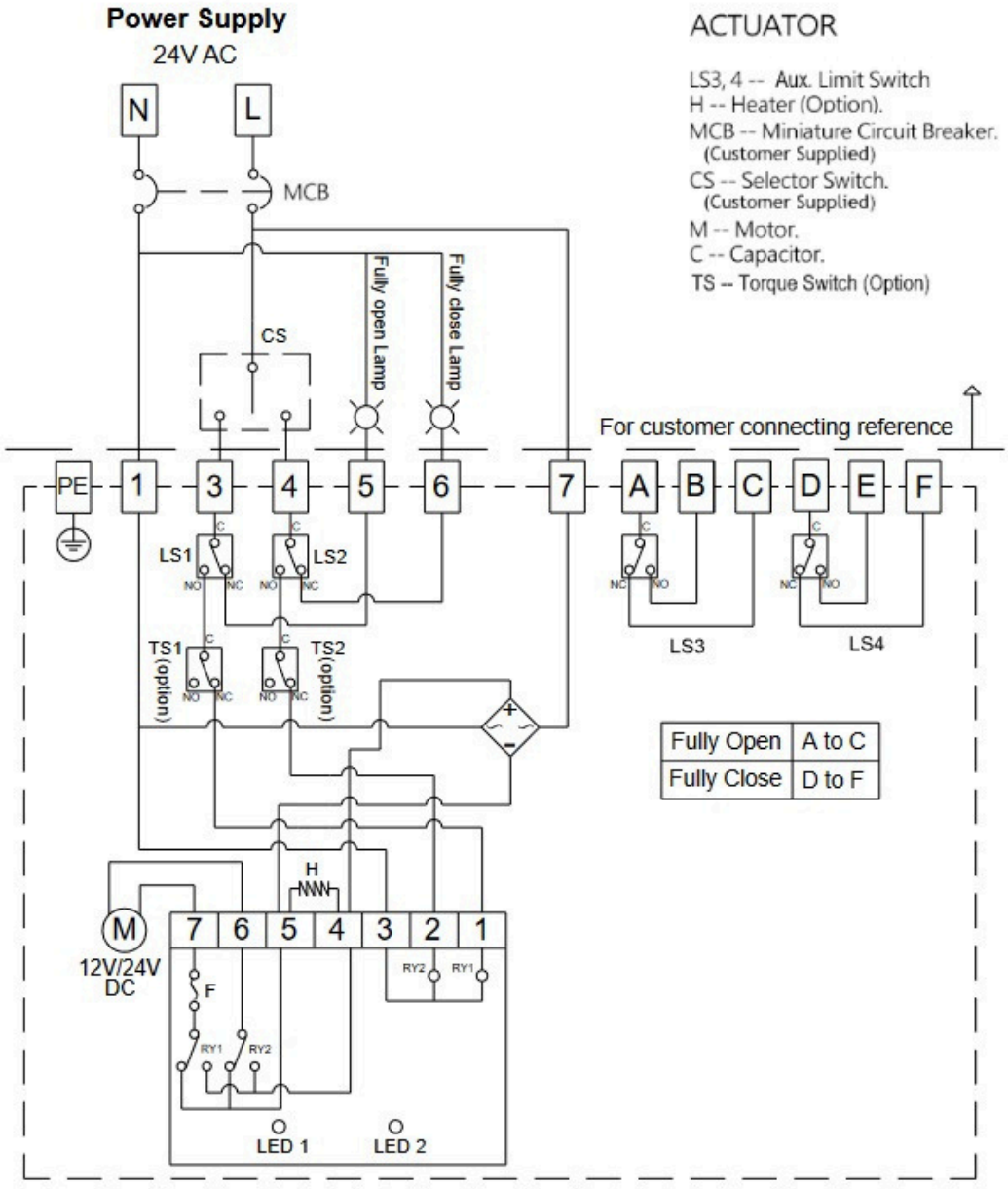
5. Terminal block “A~F” needs to use resistive load and should not exceed 3A at 250VAC.
6. Do not parallel wire multiple actuators together without using an extra relay. Contact sales for optional Isolating Relay Module which can be fitted from factory.

Models 0M-2 to 0M-13 (0M-2 to 0M-8 →75% Duty, 0M-9 to 0M-13 → 50% Duty)



Notes:

1. Heater (H)[with Heater Thermostat] & Torque Switch (TS) are optional extras, contact Sales.
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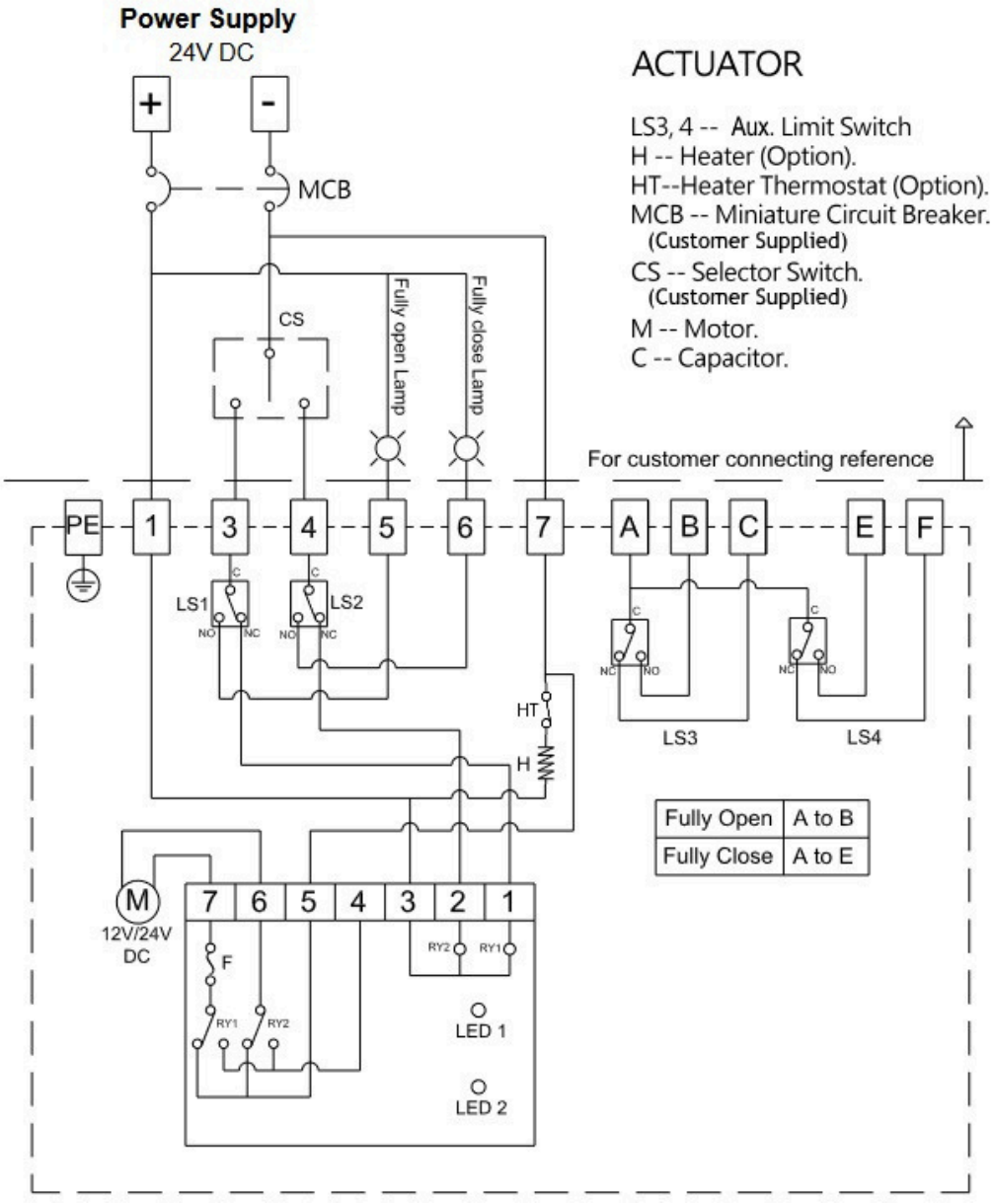
6. Do not parallel wire multiple actuators together without using an extra relay. Contact sales for optional Isolating Relay Module which can be fitted from factory.

24VDC – 75% & 50% Duty Cycles

Models 0M-1 to 0M-A (75% Duty Cycle)



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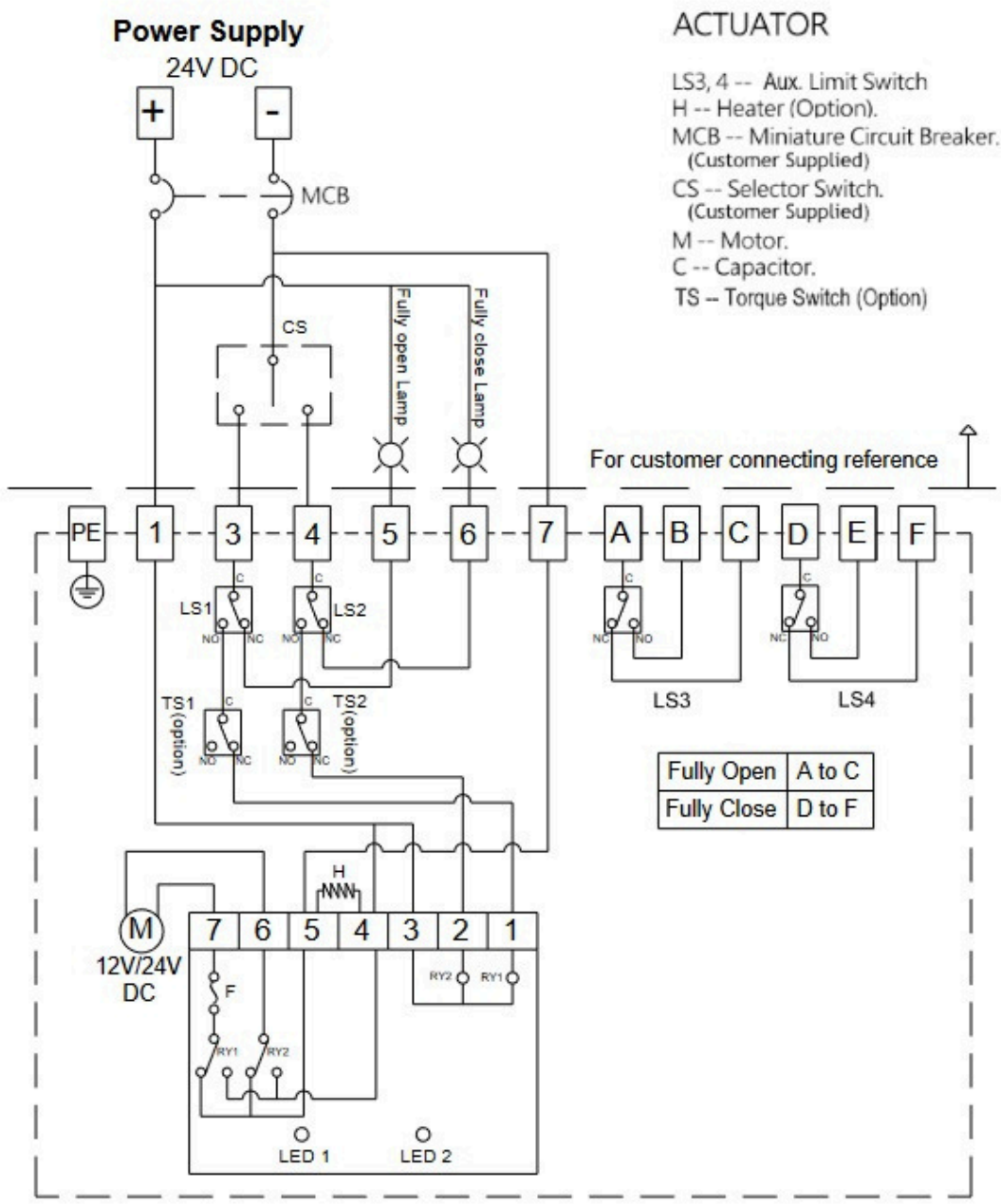
6. Do not parallel wire multipleactuators together without using an extra relay. Contact sales for optional Isolating RelayModulewhich can be fitted from factory.

Models 0M-2 to 0M-13 (0M-2 to 0M-8 →75% Duty, 0M-9 to 0M-13 → 50% Duty)



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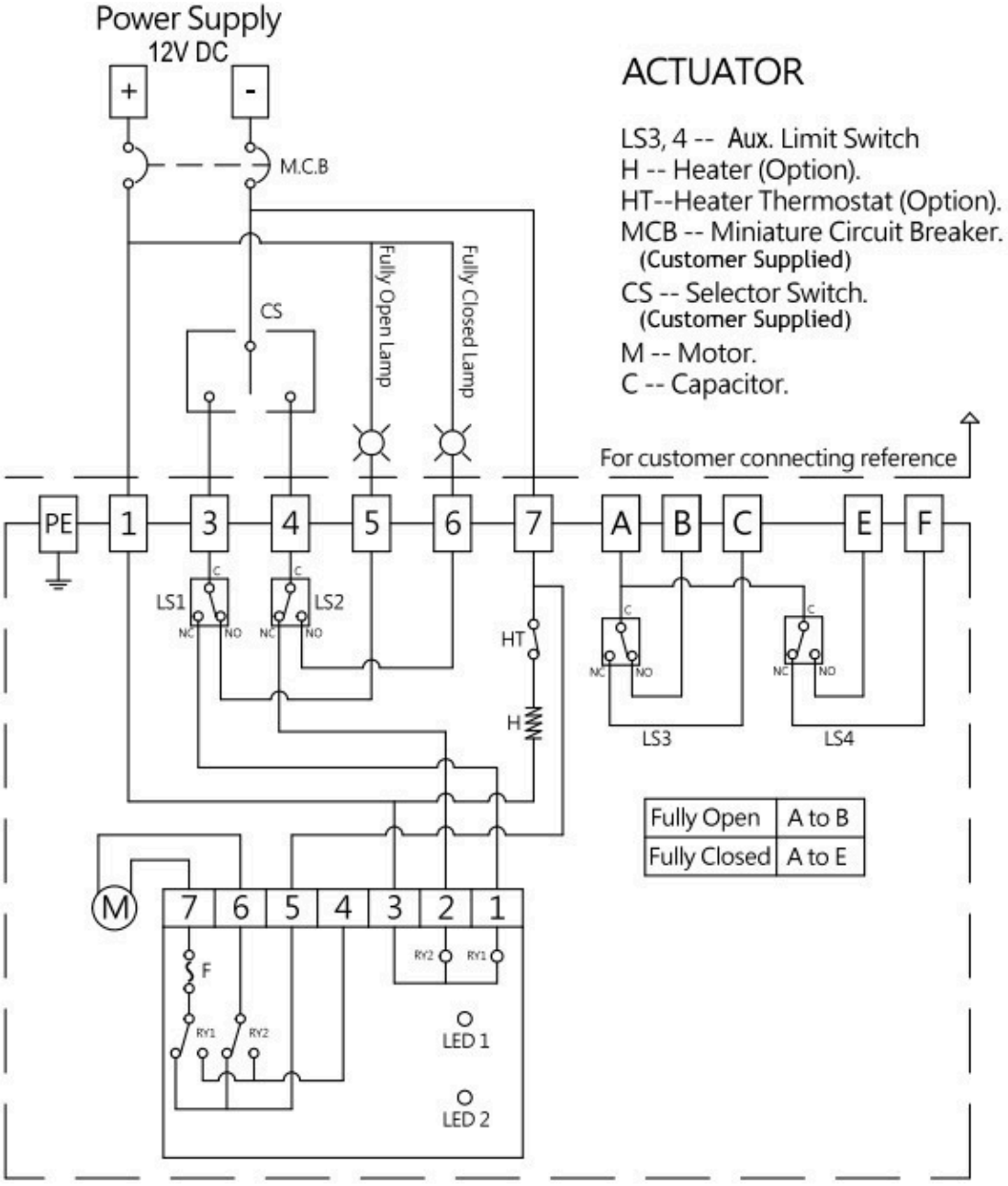
5. Terminal block “A~F” needs to use resistive load and should not exceed 5A at 250VAC.
6. Do not parallel wire multiple actuators together without using an extra relay. Contact sales for optional Isolating Relay Module which can be fitted from factory.

12VDC – 75% & 50% Duty Cycles

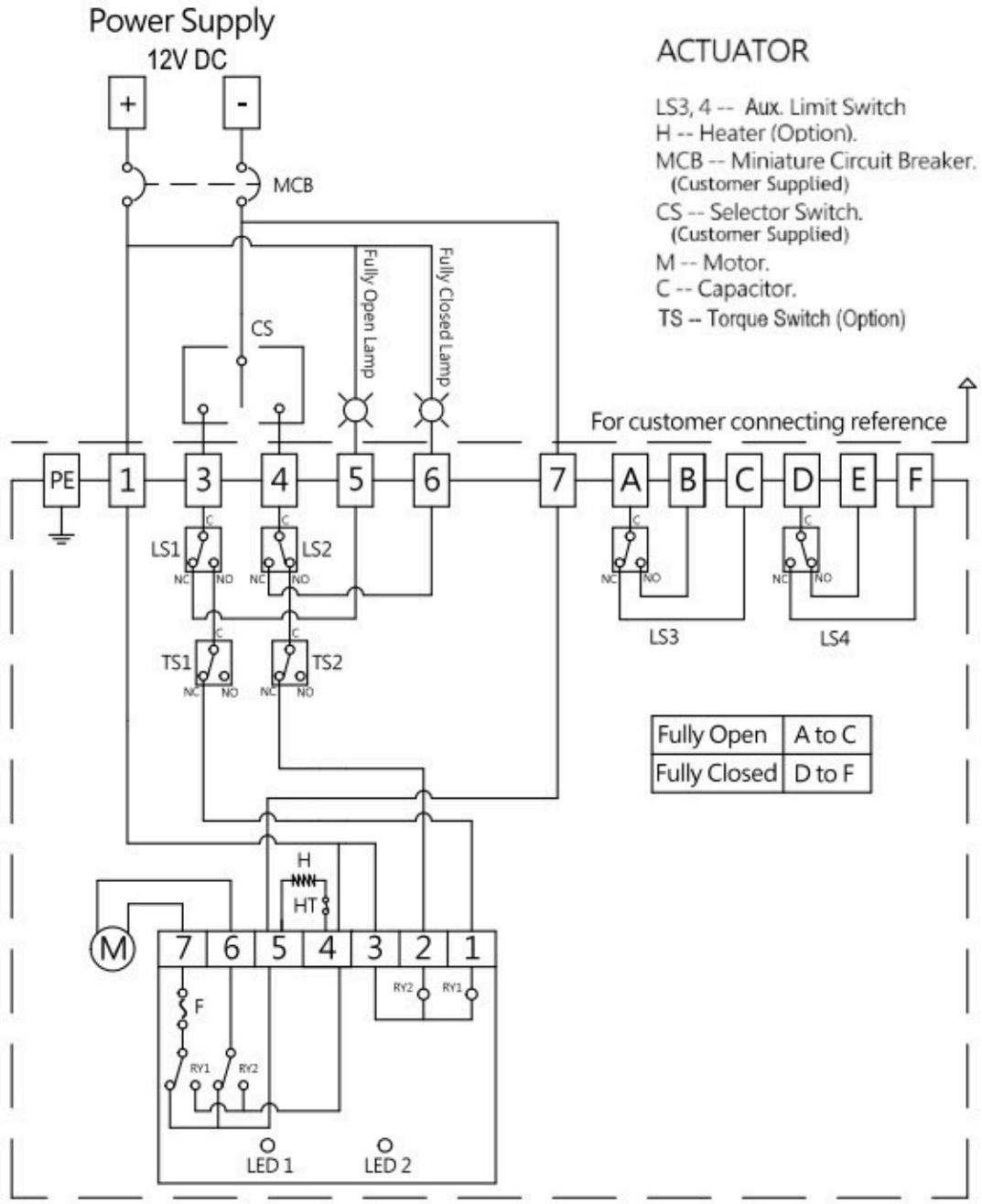
Models 0M-1 to 0M-A (75% Duty Cycle)



Notes:

1. Heater (H) & Heater Thermostat (HT) are optional extras, contact Sales.
2. All items above the “Customer Connection Reference” line are for reference only and is recommended for customer to follow best practises and design control elements to suit.
3. “N” connects to terminal 1, “L” connects to terminal 7 .
4. “L” connects to terminal 3 for “OPEN” and to terminal 4 for “CLOSE” (through a switch sourced by customer).
5. Terminal block “A~F” needs to use resistive load and should not exceed 3A at 250VAC.
6. Do not parallel wire multiple actuators together without using an extra relay. Contact sales for optional Isolating Relay Module which can be fitted from factory.

Models 0M-2 to 0M-13 (0M-2 to 0M-8 →75% Duty, 0M-9 to 0M-13 → 50% Duty)



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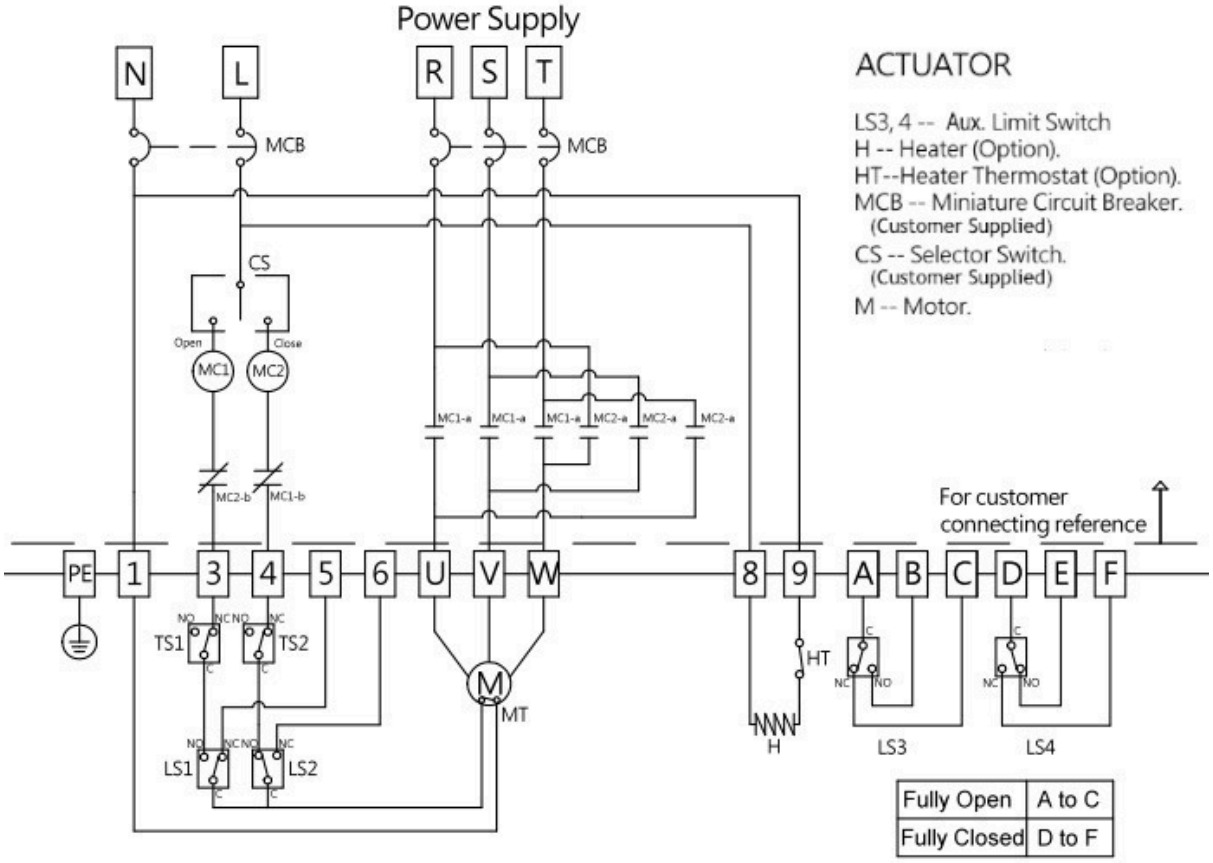
415VAC – 30% Duty Cycle

Models 0M-2 to 0M-13



Notes:

1. Heater (H), Heater Thermostat (HT) & Torque Switch (TS) are optional extras, contact Sales.
2. All items above the “Customer Connection Reference” line are for reference only and is recommended for customer to follow best practises and design control elements to suit.
3. Terminal block “A~F” needs to use resistive load and should not exceed 5A at 250VAC.
4. Use the handwheel to turn the actuator to 45 degrees before testing operation. If the operating direction is opposite, please change and two of R, S, T.