DMSF
PLC Appreciation

18 July 2019

Electromagnet
Switch

![Switch Image]

Switch

![Switch Diagram]
Switch

- Normal Open (NO)
- Normal Close (NC)
Relay

[Diagram of a relay circuit]

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Relay

[Diagram of a relay circuit]

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Relay with NC and NO contact

Timer
Schematic Symbol

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Schematic Symbol

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Input/Output - Pin assignment

- Input: X0, X1, X2, X3, X4, X5, X6, X7
- Output: Y0, Y1, Y2, Y3, Y4, Y5, Y6, Y7

24V DC power supply

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Input/Output - Pin assignment

- A4988 microcontroller
- Logic power supply (3–5.5V)
- Motor power supply (5–35V)

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Input/Output - Pin assignment

OUT pin

DIR pin

Move to + direction

Move to – direction

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