

VFD

Plunger







Plunger - HOME (Fast)



Plunger - Limit
Switch Up

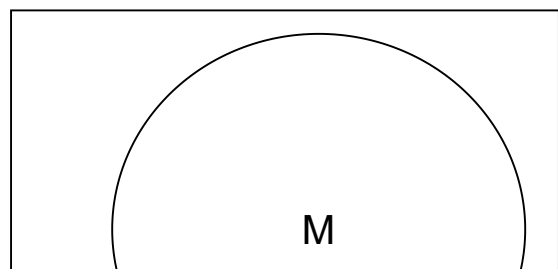


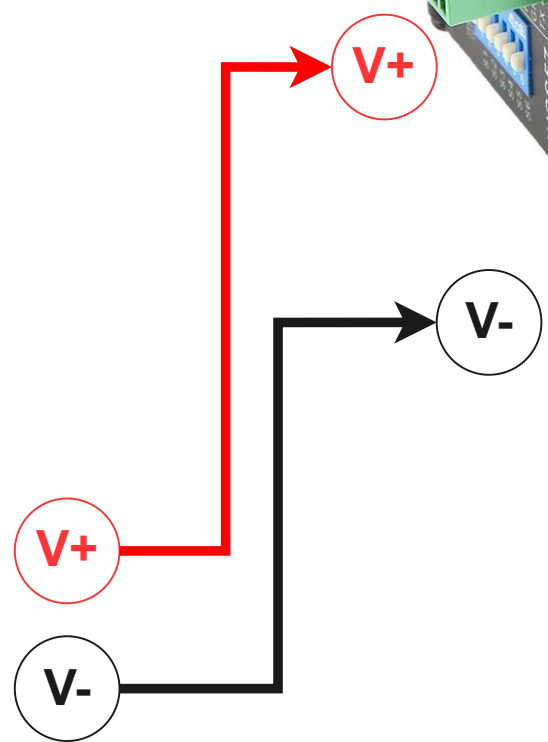
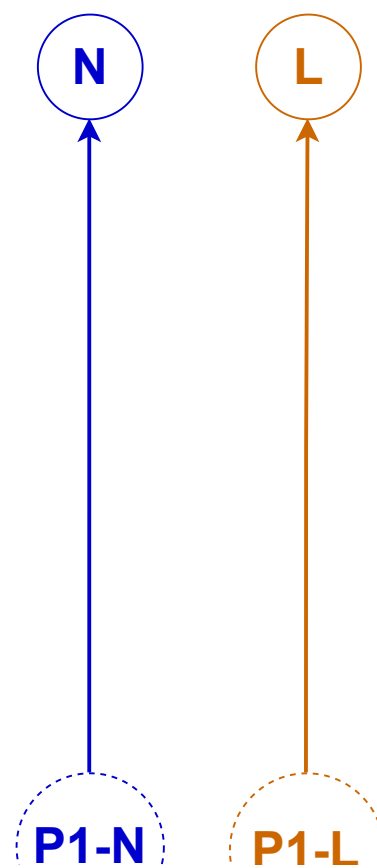


L

PLC

P24







Pulse/rev Table				
Pulse/rev	Sw1	Sw2	Sw3	Sw4
Default	on	on	on	on
800	off	on	on	on
1600	on	off	on	on
3200	off	off	on	on
6400	on	on	off	on
12800	off	off	off	on
25600	on	off	off	on
51200	off	on	on	off
1000	on	on	on	off
2000	off	off	on	off
4000	on	off	on	off
5000	off	on	off	off
8000	on	on	off	off
10000	off	on	off	off
20000	on	off	off	off
40000	off	off	off	off

Sw5: off=up edge, on=down edge
Sw6: Motor DIR, off=CCW, on=CW

DIR+

STEP+

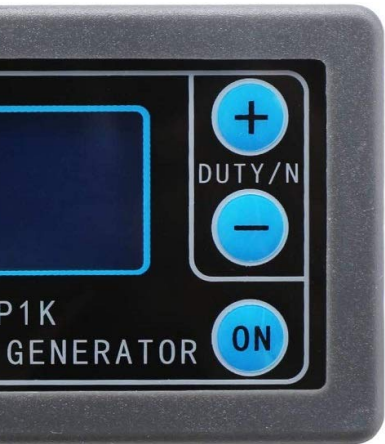
PWM



PWM

GND

VCC



Plunger - PLUNGE (Slow)

GND

VCC



Plunger Servo Down

Plunger Servo Up



NC

NC



Plunger - Limit
Switch Down

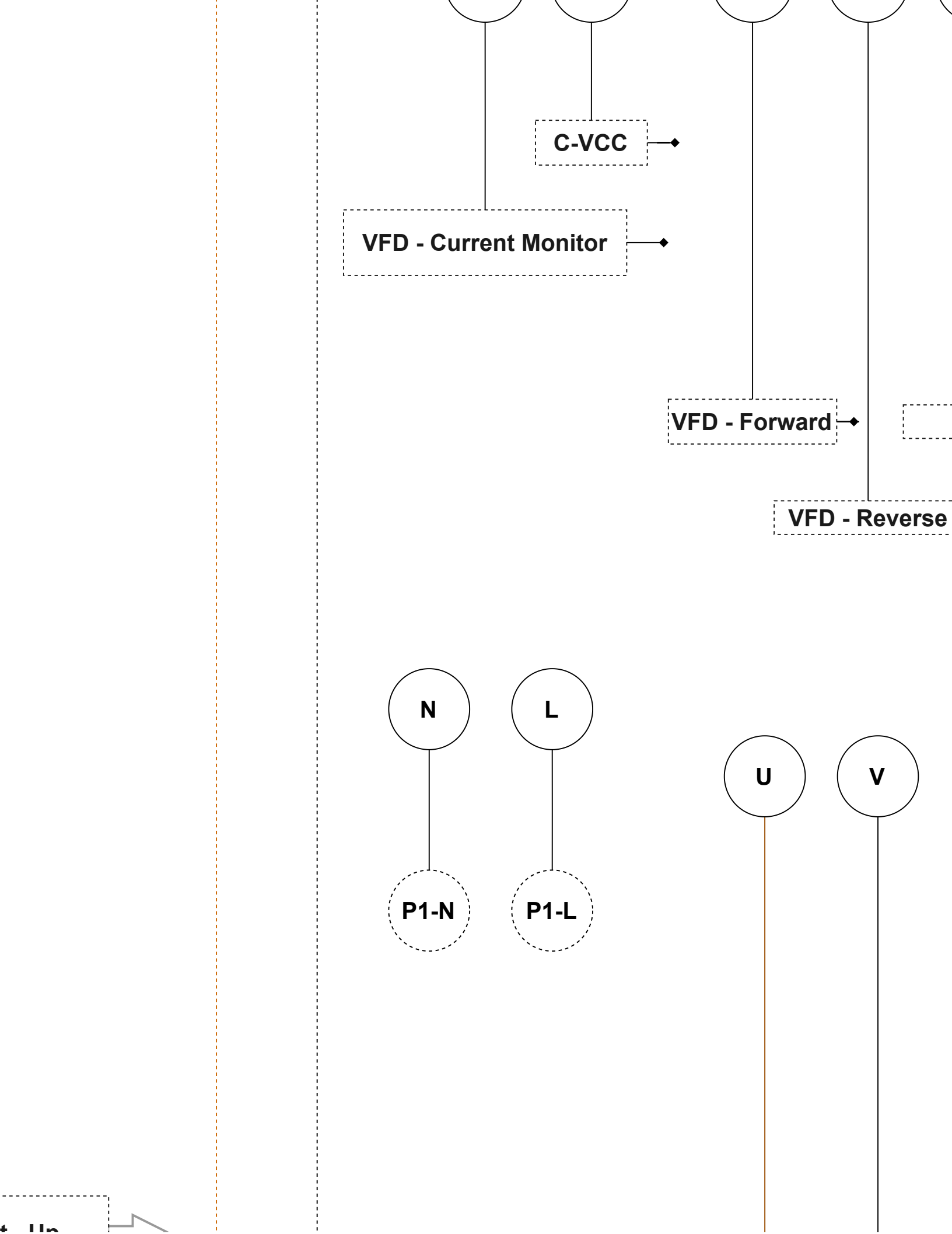
NC

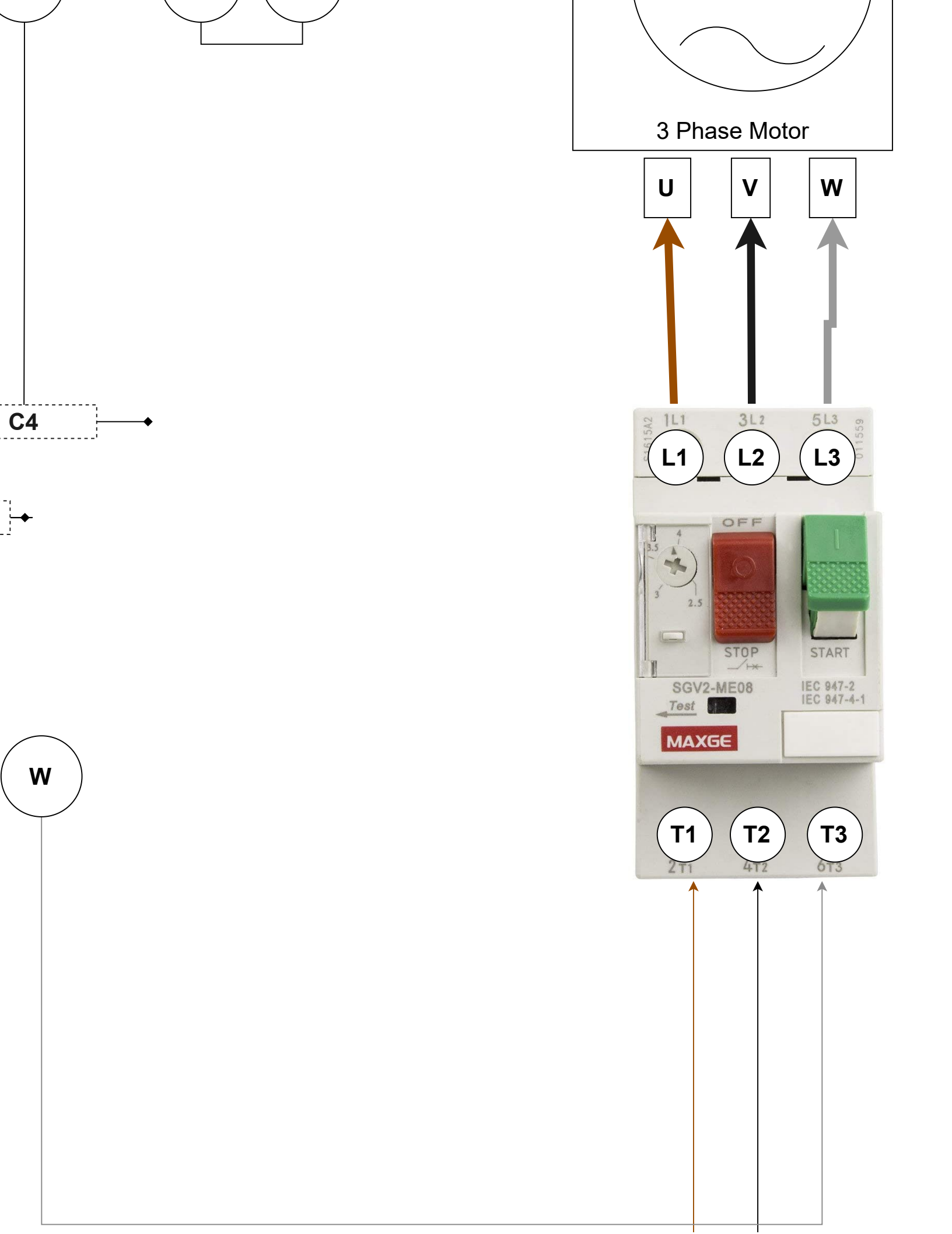
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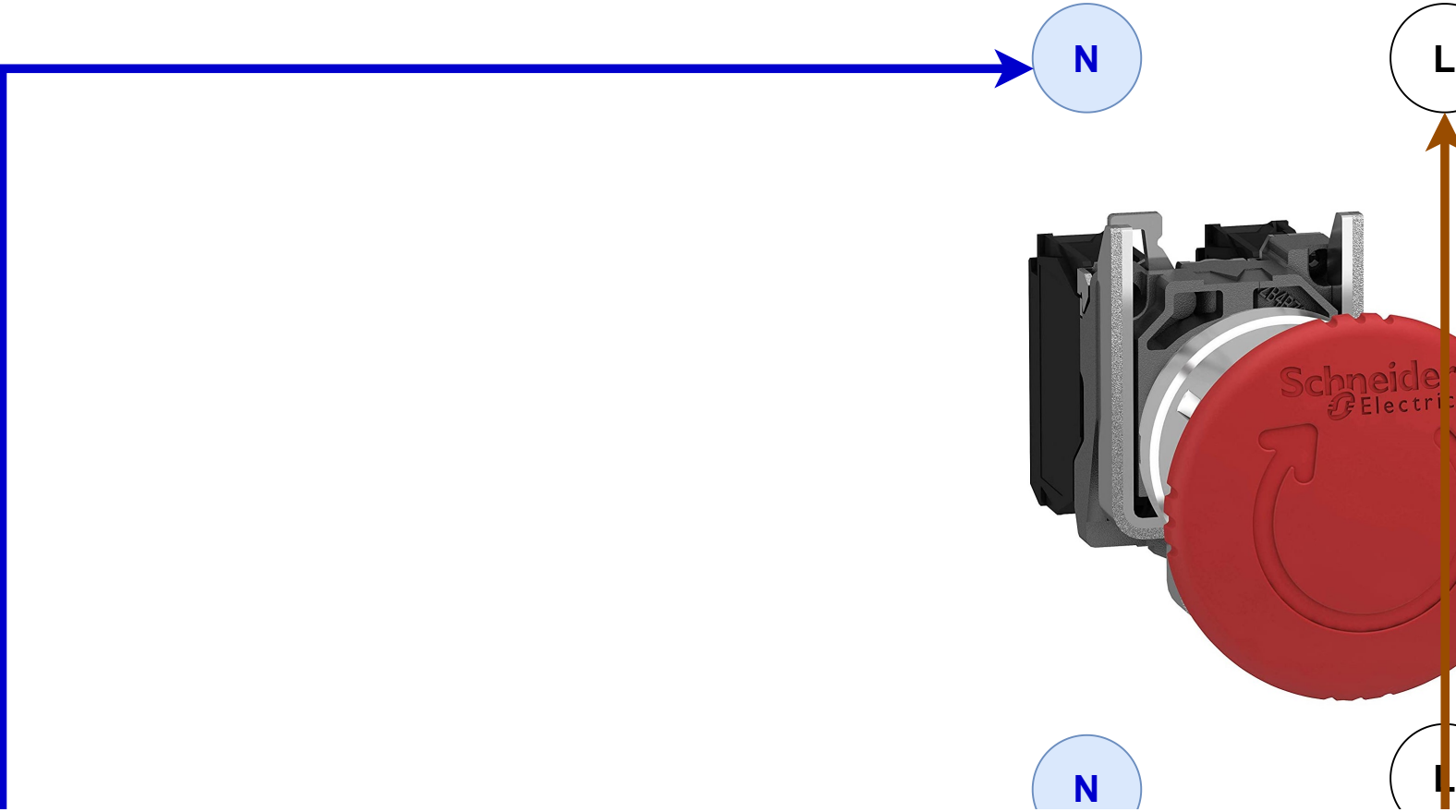
V+

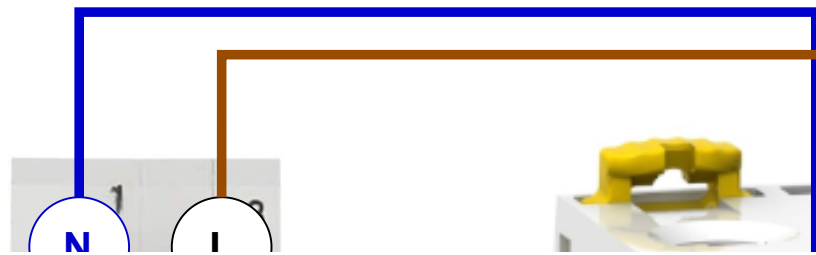
Plunger - Limit

Plunger - Limit









Plunger - Servo - Down

Plunger - Servo - Up



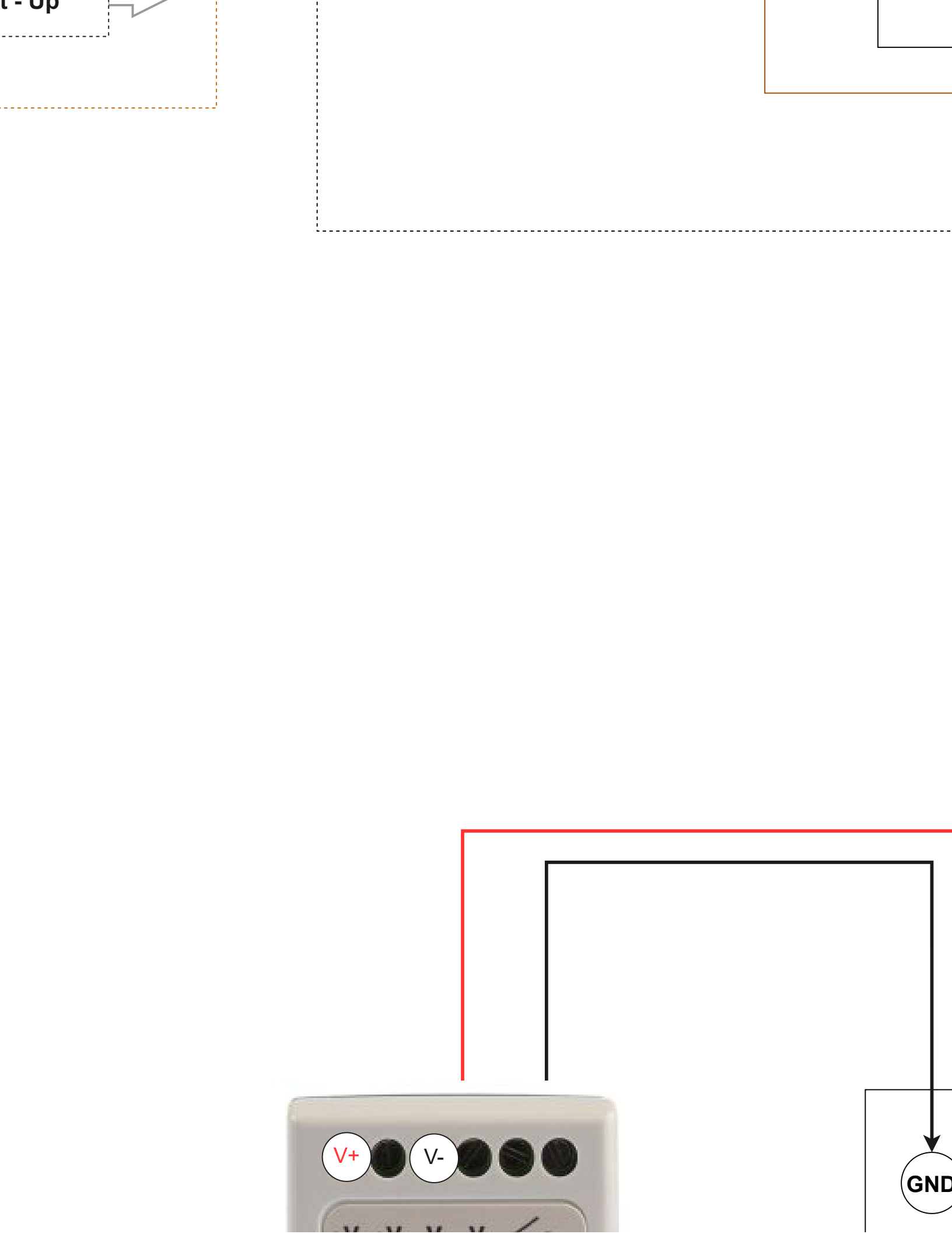


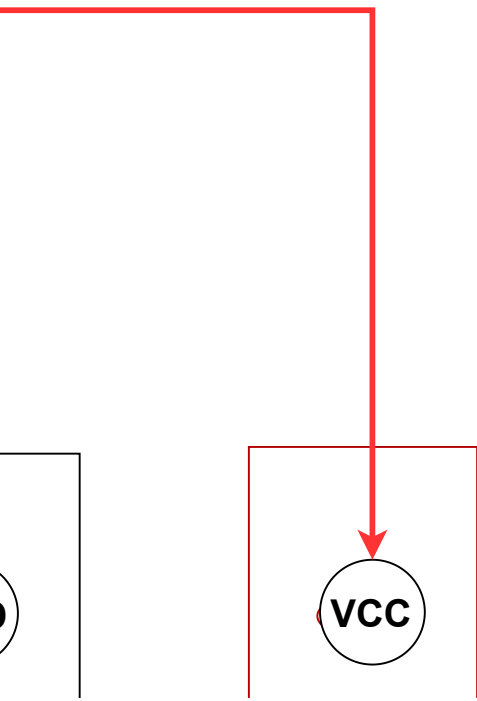
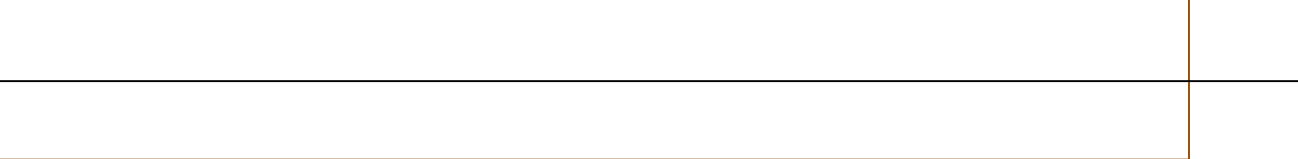
Plunger - Limit - Down

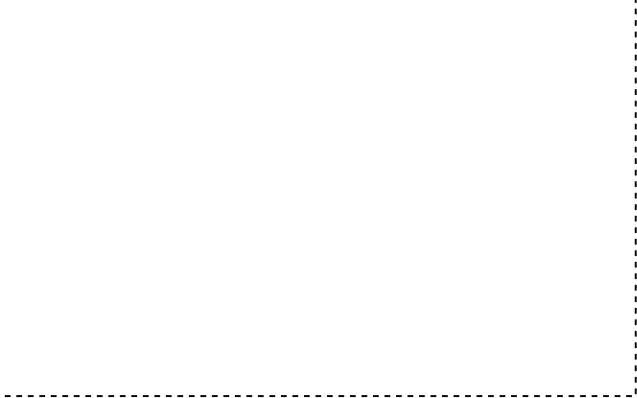


Plunger - Limit

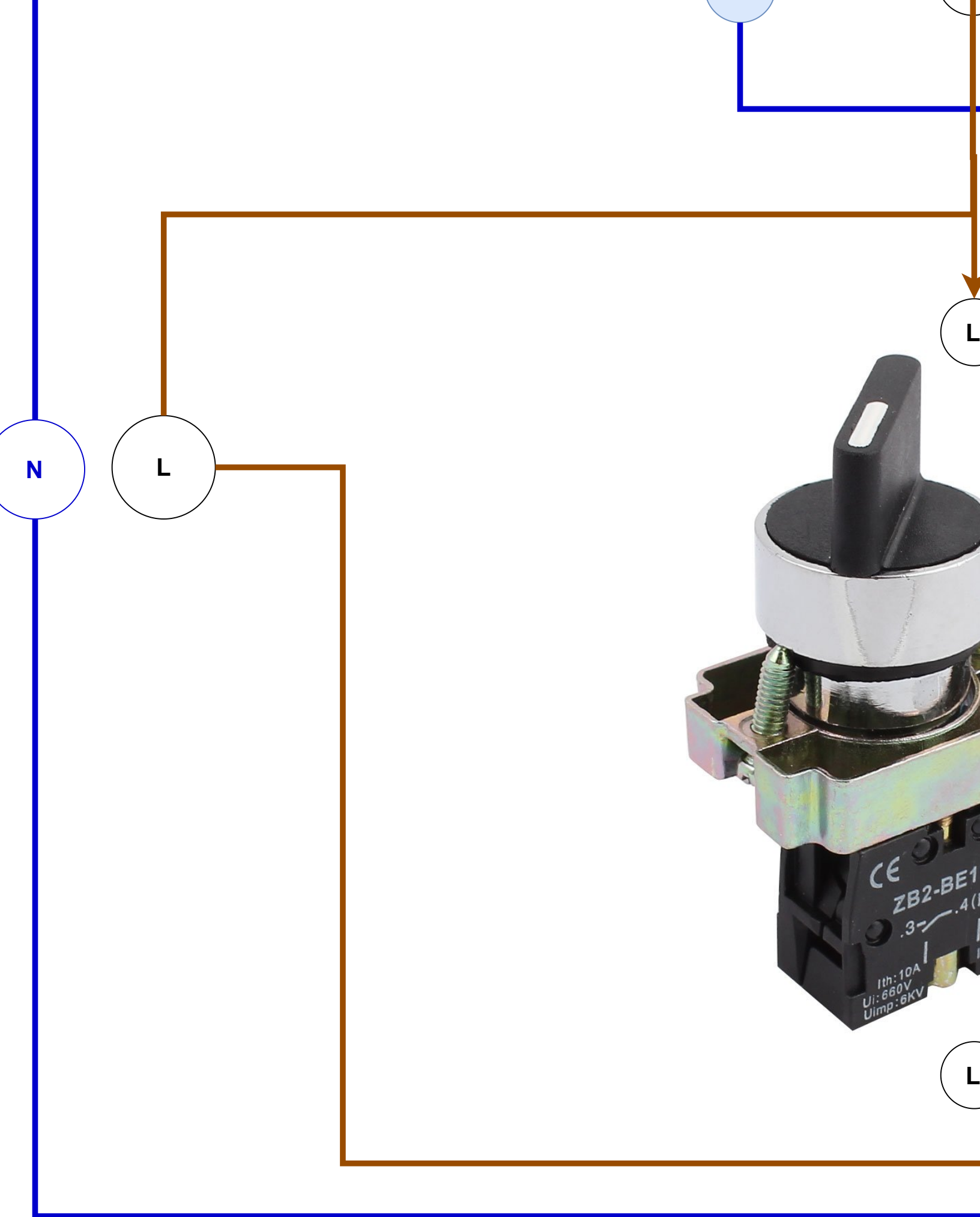


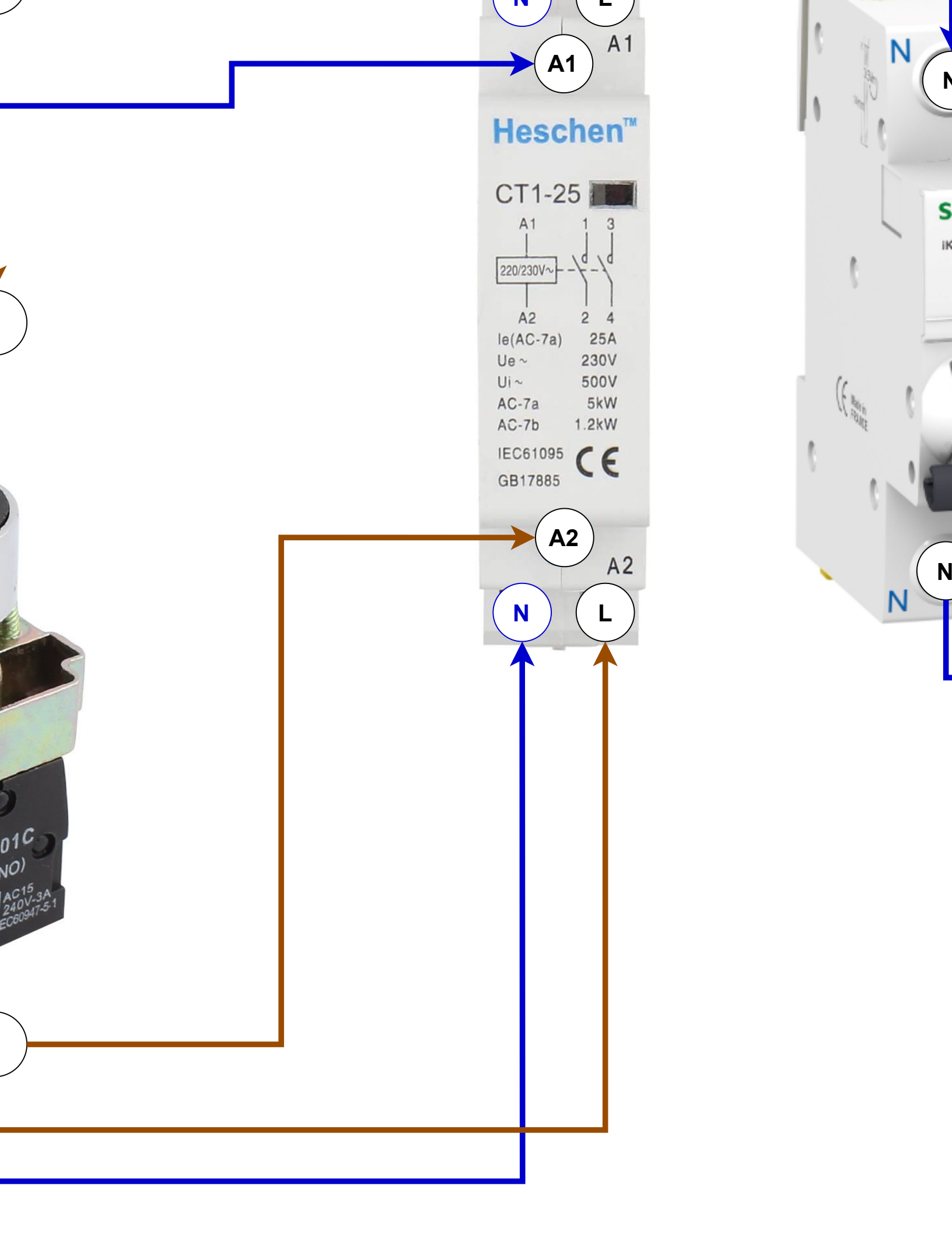


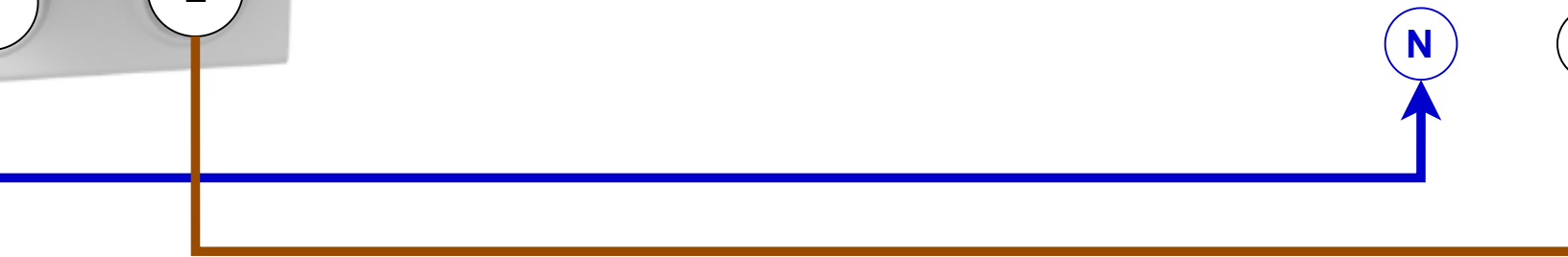










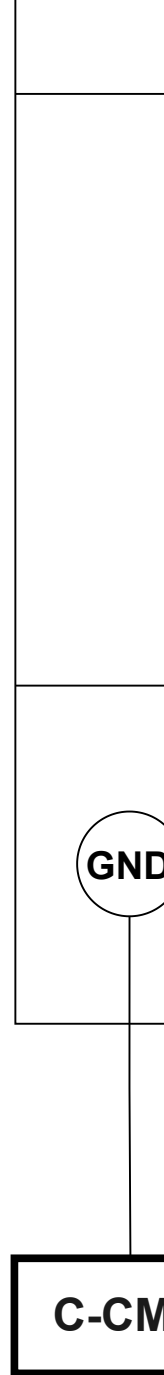


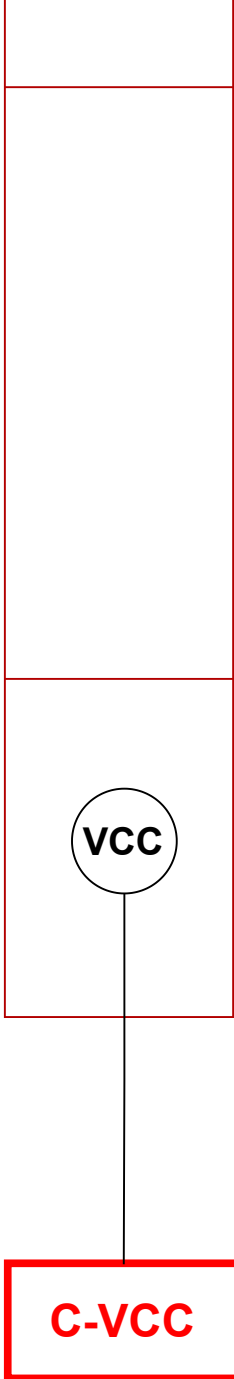
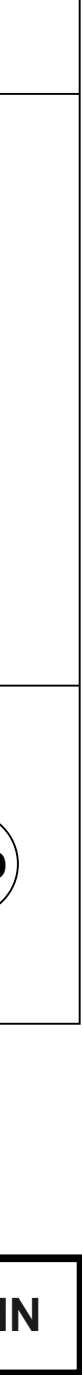


P1 - N

P1 - L









- C1 → VFD-CMN
- D4 → VFD-FORWARD
- D5 → VFD-REVERSE
- A2 → VFD - Current M
- C1 → C-CMN
- D0 → Plunger - Servo
- D1 → Plunger - Servo -
- D6 → Plunger - Servo -
- A4 → Plunger - Limit -
- A3 → Plunger - Limit - D
- A0 → DIR - FORWARD
- A1 → DIR - REVERSE
- A3 → SHRED-STA

RD

SE

Monitor

- Up

Down

- DIR

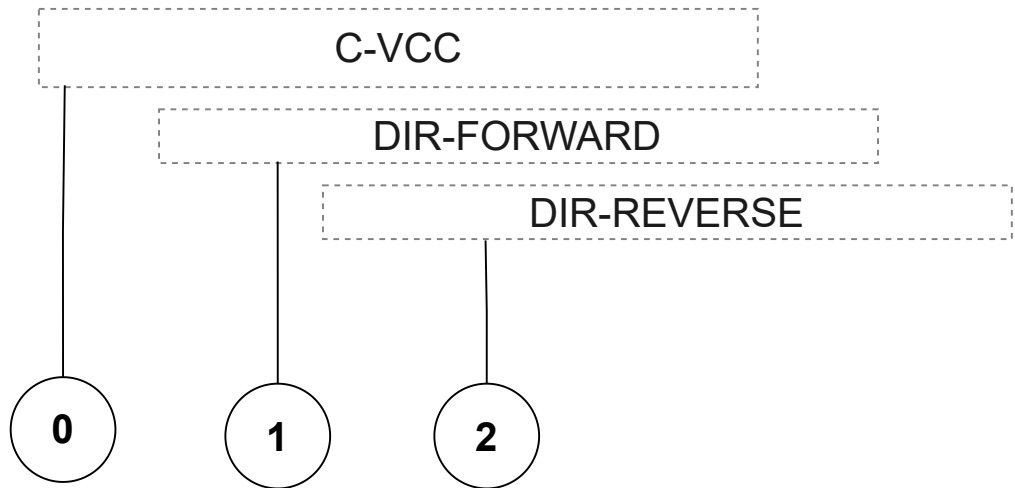
- UP

DOWN

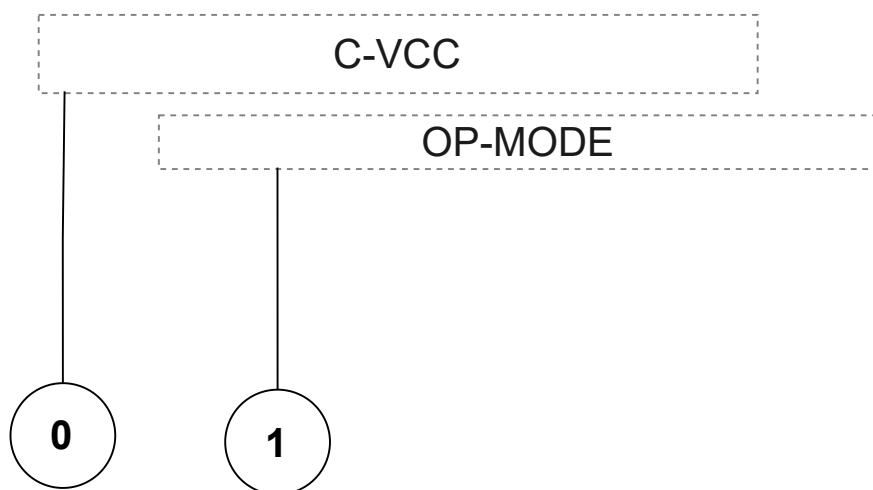
ARD

RSE

ART



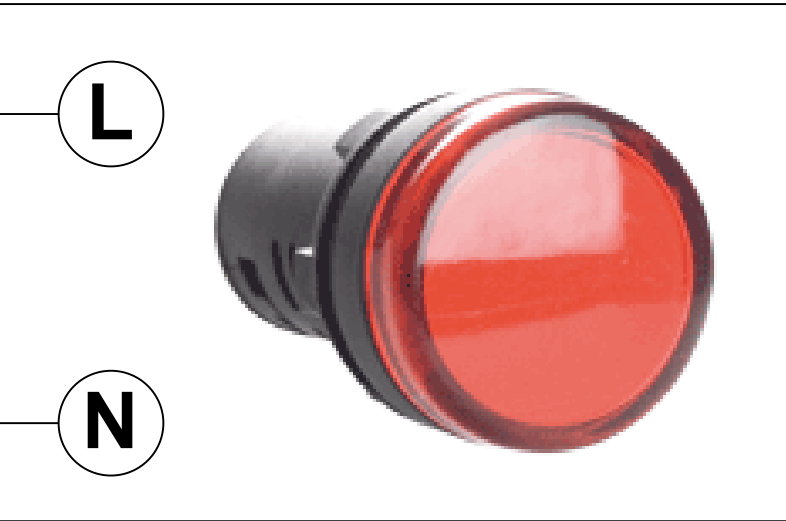
Direction Switch



Manual/Automatic

Status-L

P1-N



IN1

OP-Mode

D2

Status-

C3

P1-L

L