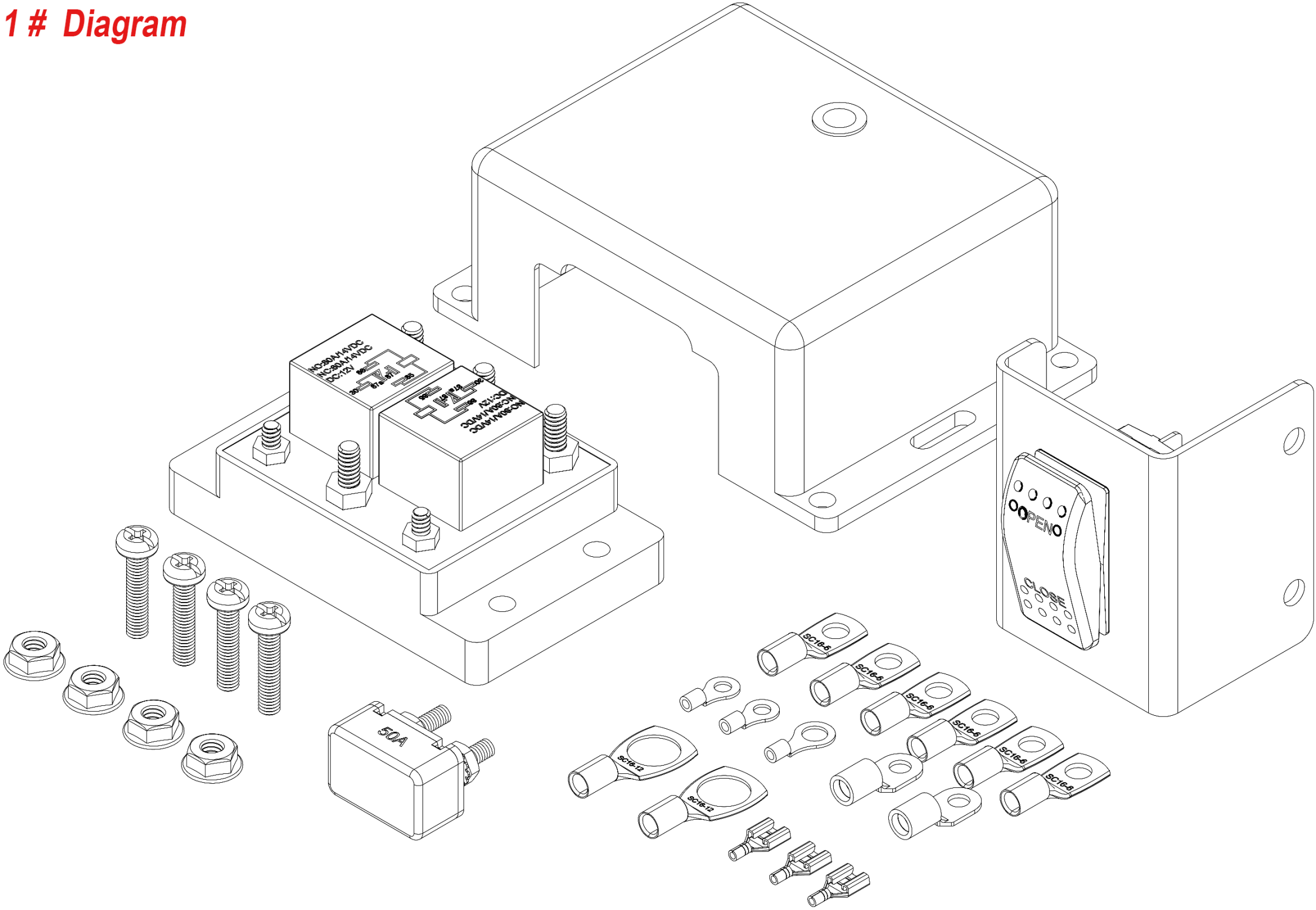
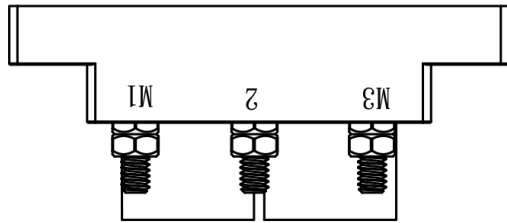


1 # Diagram

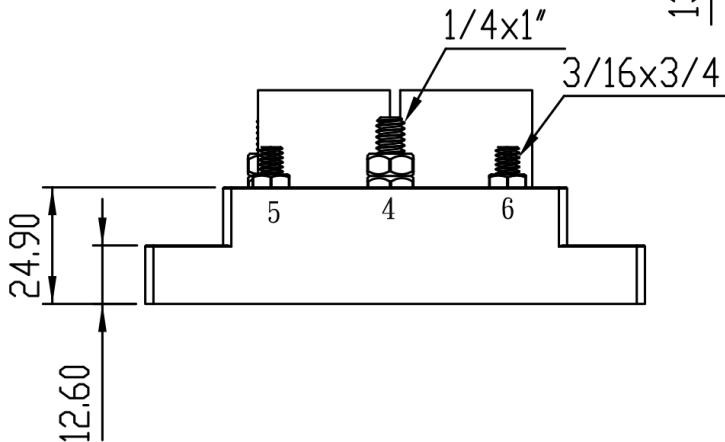
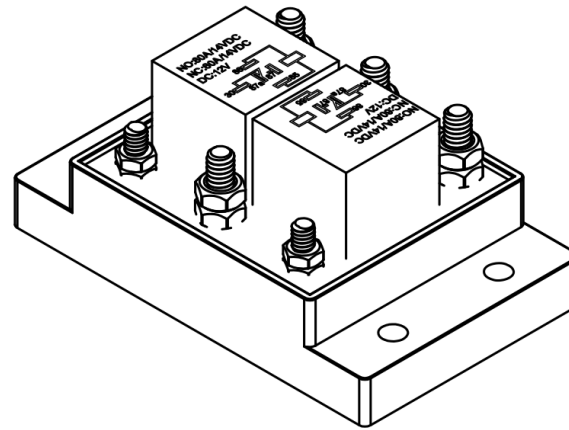
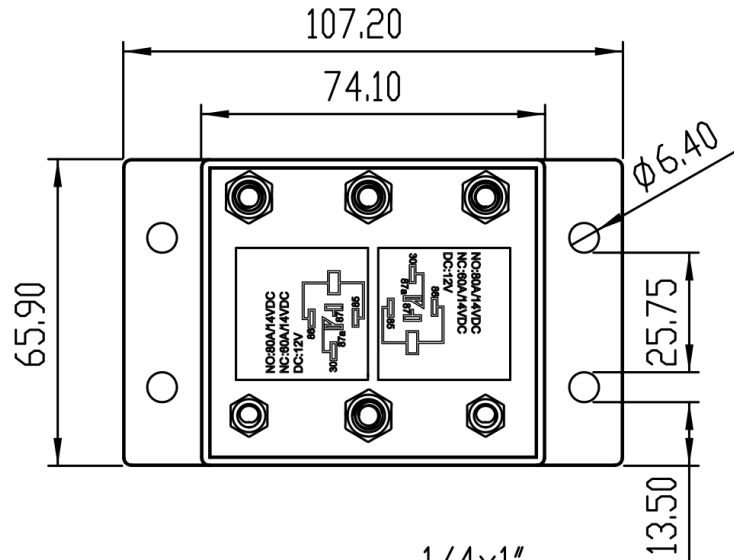


2 # Module Wiring Diagram



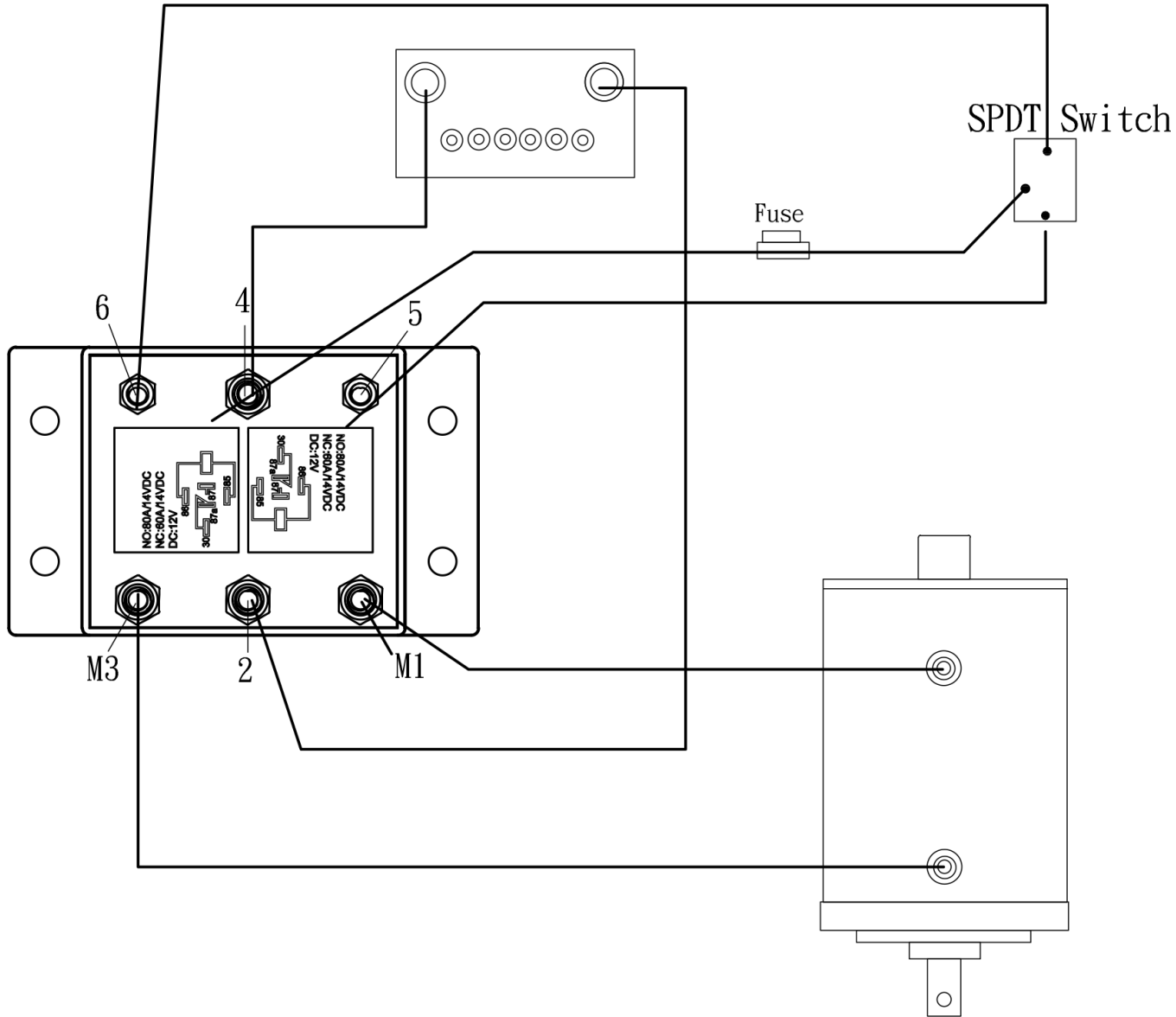
MODULE WIRING CHART

STUDS	FUNCTION
M1 & M3	MOTOR LEADS
2	GROUND (B-, 12VDC)
4	POSITIVE (B+, 12VDC)
5	FORWARD (CONT, OR MOM, B+)
6	REVERSE (CONT, OR MOM, B+)



Technical Data	
Nominal Voltage	12VDC
Pull-In Volatage	≤ 8VDC
Release Voltage	≥ 1.2VDC
Maximum Voltage	15VDC
Rated Load	1440W
Maximum Load	1800W
Insulation Resistance	100MΩ, 500VDC
Dielectric Strength	500VDC, 1 min
IP Protection	IP65
Shock Resistance	200M/S ² , 11ms
Vibration Resistance	10~40Hz double amplitude 1.27mm
Operating Temperature Range	-40~120°C
Storage Temperature	-40~125°C
Salt Spary Test	≥ 96 hours
Continuous Current	80A at 12VDC
Inrush current	150A
Intermittent Current	100A at 12VDC intermittent Max On time 5 mins off time 3 mins
Weight	312g

3 # Wiring Diagram



Wiring Diagram

1. Connect M1 & M3 studs to motor leads.
2. Connect 2 to -12VDC (GRD).
3. Connect 4 to +12VDC with appropriate circuit breaker in-line.
4. Connect output 1 of control switch to 5 (12V+) and output 2 of control switch to 6 (12V+), the common terminal of control switch (middle term) should be connected to +12VDC.

Control switch, must be a SPDT switch to protect your motor. Don't ever use this device without a circuit breaker in-line with terminal 4.

MODULE WIRING CHART

STUDS	FUNCTION
M1 & M3	MOTOR LEADS
2	GROUND (B-, 12VDC)
4	POSITIVE (B+, 12VDC)
5	FORWARD (CONT, OR MOM, B+)
6	REVERSE (CONT, OR MOM, B+)