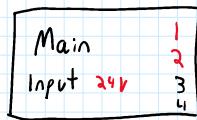




Drill Battery  
Input

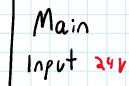
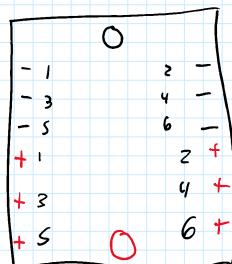


Fwd ← Srb



Fuse Box

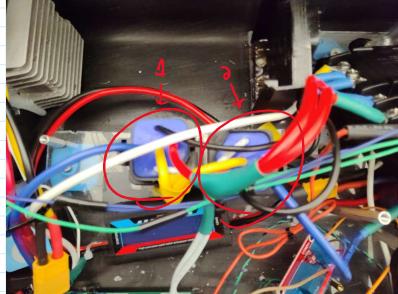
Relay 1  
Relay 2  
Relay 3  
Relay 4



[https://www.blueridge.com/products/3025/ST\\_Blade\\_Fuse\\_Block](https://www.blueridge.com/products/3025/ST_Blade_Fuse_Block) - E

Specifications	
Circuits	6
Maximum Ampereage	100A per block
DC	100A per circuit
Maximum Voltage	32V DC
Mounting	#8 Screw (M6)
Negative Bus	#10-32 Stud
Positive Bus	#10-32 Stud
Recommended Torque	24 in-lb (2.71 N-m)
Screw Terminal Torque	18 in-lb (2.05 Nm)
Screw Terminal Type	#8-32 Screws with captive star lock washers
Weight	0.55lb (0.25 kg)
Circuits with Negative Bus and Cover	

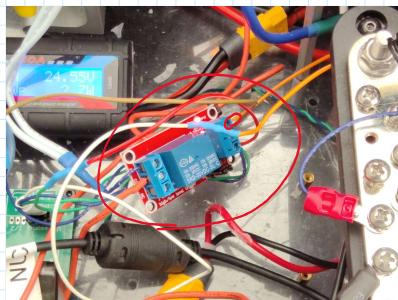
Circuit 1 2 3 go to Relays



- Ground In (End 3)
- Power In (24V) PWR 1
- Power Out (24V)
- Ground Out (Open)
- Switch Power (Relay Module)

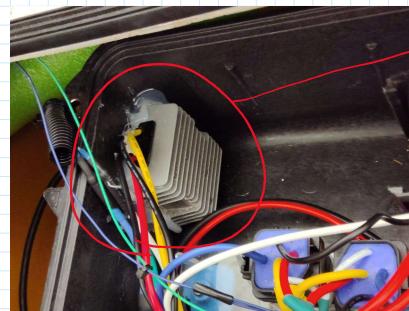


- Ground In (End 5)
- Power In (24V) PWR 2
- Power Out (24V)
- Ground Out (Open)
- Switch Power (Relay Module)



Relay Module

Brown wire - Switch Signal  
Relieves some signal  
from Low Level Processor

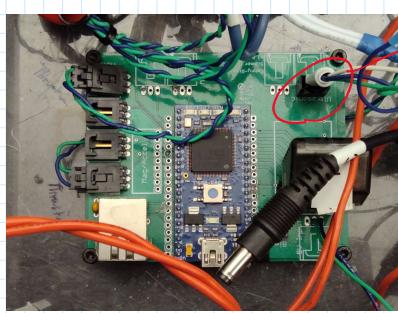


Voltage Converter  
24V → 25V

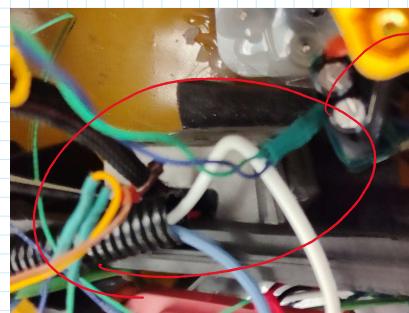
Unnecessary?

ESC is a regulator

- Ground In - From
- Power In - From Relay 4
- Power Out - To Fwd ESC
- Ground Out - To Fwd ESC



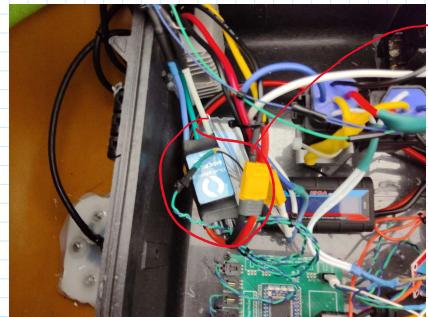
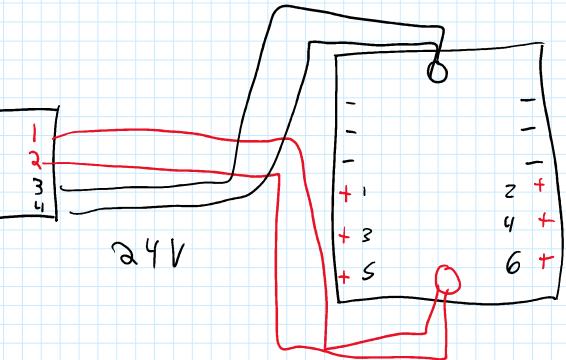
Goes to Relay Module



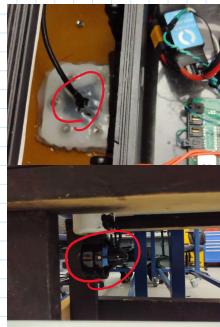
Voltage Converter  
24V → 25V  
Unnecessary?

ESC is a regulator

- Ground In - From
- Power In - From Relay 2
- Power Out - To Aft ESC
- Ground Out - To Aft ESC

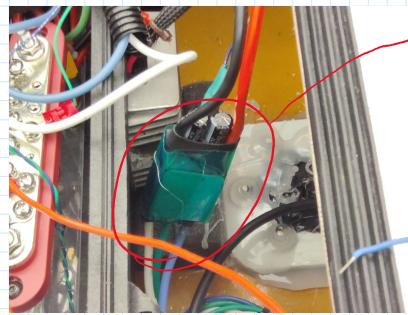


Fwd ESC  
TS00 Basic  
ESC  
Uses PWM Signal  
 → 3 phase  
● Ground In  
● Power In  
 PWM - Signal ↗ Ref Ground



Fwd Potting  
Use a Penetrator  
  
Proper Pow Thruh Solution

T200 Thruster  
Why running off of a  
TS00 ESC



Aft ESC  
TS00 Basic  
ESC  
Uses PWM Signal  
 → 3 phase  
● Ground In  
● Power In  
 PWM - Signal ↗ Ref Ground