



2022 FRC
CONTROL SYSTEM
v1.00

CC

BY

NC

4.0

Attribution-NonCommercial 4.0 International (CC BY-NC 4.0)

LEGEND

Power

12VDC
Main

LIVE(+)
GROUND(-)

PWM

26 AWG
Minimum

GROUND
+5V
SIGNAL

CAN Bus

28 AWG
Minimum

HIGH
LOW

Wire Gauges

Shown in American Wire
Gauge (AWG)

Minimum Gauge per
connection shown

6 AWG
12 AWG
18 AWG
22 AWG
24 AWG
26 AWG
28 AWG