



DEVICE	WIRE SIZE	BREAKER SIZE
POWER DISTRIBUTION FROM BATTERY THROUGH 120A MAIN CIRCUIT BREAKER/DISCONNECT SWITCH TO FUSE PANELS.	6 AWG	120A
DRILL MOTORS, CIM MOTORS; SPEED CONTROLLERS USED WITH DRILL MOTORS AND CIM MOTORS.	10 AWG	40 A
FISHER-PRICE MOTORS, VAN DOOR MOTORS, GLOBE MOTORS; SPEED CONTROLLERS USED WITH FISHER-PRICE VAN DOOR, OR GLOBE MOTORS.	10 AWG	30A
ROBOT CONTROLLER POWER, RELAY MODULES, ROTATING LIGHT, WINDOW MOTORS, PUMP, SOLENOIDS, LARGE MUFFIN FAN; SPEED CONTROLLERS USED WITH WINDOW MOTORS.	16 AWG/2 CONDUCTOR	20A RELAY MODULES HAVE 20 FUSES
ALL SWITCHES, PWM CABLES, OPTICAL SENSORS, POTENTIOMETERS, YAW RATE SENSOR, LEDES, SMALL MUFFIN FANS, CUSTOM CIRCUITS.	24 AWG/2 OR 3 CONDUCTOR	REQUIREMENTS VARY

**NOTE:**  
 WIRES ARE NOT CONNECTED: ⊕  
 WIRES ARE CONNECTED: ⊕

**FIRST**  
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ENGINEER	DATE	TITLE			
DRAWN	DATE	<b>2003 POWER DISTRIBUTION WIRING DIAGRAM</b>			
JRR	12/09/02				
CHECKED	DATE				
APPROVED	DATE	SIZE CLASS ID.	DRAWING NO.	REV.	
ISSUED	DATE	D ID	D03-0343-01-01	-	
		SCALE	NONE	SHEET	1 of 1