

ENGINEER		DATE		TITLE	
DRAWN		DATE		2011 Robot Power	
JRR		7/23/08		Distribution Diagram	
CHECKED		DATE		DRAWING NO.	
APPROVED		DATE		E09-0101-1	
ISSUED		DATE		SCALE: NONE	
				SHEET 1 of 1	

FIRST

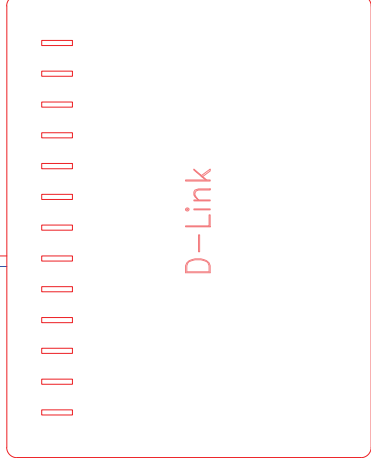
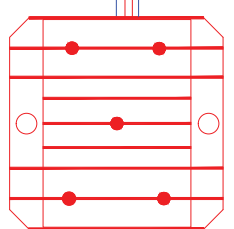
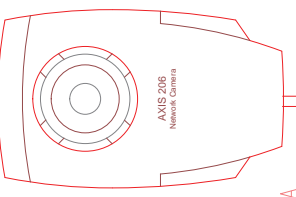
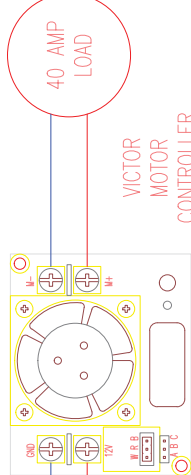
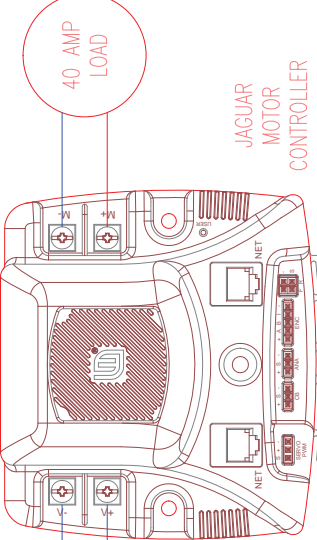
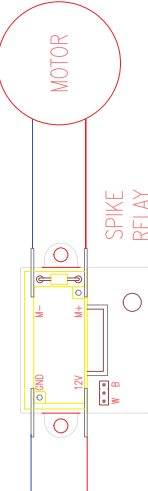
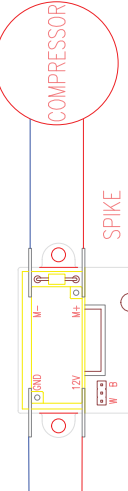
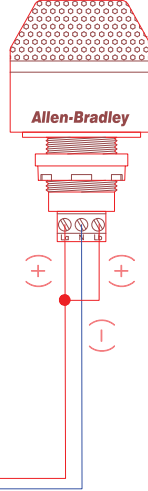
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FOR ADDITIONAL MODULES IN THE cRIO-FRC,
USE THE SAME ORDER IN SLOTS 5, 6 AND 7.

POWER DISTRIBUTION PANEL:
+ RED TERMINAL
- BLACK TERMINAL

SEE THE FIRST ROBOTICS COMPETITION MANUAL
FOR WIRE SIZES AND RESTRICTIONS.

NOTES:
ROBOT SIGNAL LIGHT
WIRES ARE NOT CONNECTED:
WIRES ARE CONNECTED:



DAP-1522

12Vdc 18 Ah
SLA BATTERY

120A
HI-AMP
CIRCUIT
BREAKER

POWER
DISTRIBUTION
PANEL

DIGITAL
SIDE CAR

40 AMP
LOAD

40 AMP
LOAD

JAGUAR
MOTOR
CONTROLLER

VICTOR
MOTOR
CONTROLLER

CAMERA

Converter

D-Link

MOBILE
DEVICE
CONTROLLER

DIGITAL
SIDE CAR

DIGITAL
SIDE CAR