



DESCRIPTION	PIN #	COLOR	AWG	LENGHT	FUNCTION
J1 MOLEX Header Manufacturers PN 39-01-2160	Pin 1	YELLOW	18 AWG	24" (600mm)	Solar Panel Voltage (+)
	Pin 2	YELLOW	18 AWG	24" (600mm)	Cabinet Door Sensor
	Pin 3	YELLOW	18 AWG	24" (600mm)	10V Out
	Pin 4	BLACK	18 AWG	24" (600mm)	Battery Voltage (-)
	Pin 5	RED	18 AWG	24" (600mm)	Battery Voltage (+)
	Pin 6	GREEN	18 AWG	24" (600mm)	Chassis Ground
	Pin 7	BLACK	18 AWG	24" (600mm)	24V / 28V DC (GND)
	Pin 8	BLUE	18 AWG	24" (600mm)	120V AC (Live)
	Pin 9	PURPLE	18 AWG	24" (600mm)	Relay 2 NO
	Pin 10	BROWN	18 AWG	24" (600mm)	Relay 2 Common
	Pin 11	-	-	-	Relay 2 NC
	Pin 12	-	-	-	Relay 1 NC
	Pin 13	BROWN	18 AWG	24" (600mm)	Relay 1 Common
	Pin 14	PURPLE	18 AWG	24" (600mm)	Relay 1 NO
	Pin 15	RED	18 AWG	24" (600mm)	12V / 28V DC
	Pin 16	WHITE	18 AWG	24" (600mm)	120V AC (Neutral)

Drawn By : S. Markusoff Date : 12Aug15

Approved By : JC. Deetlefs Date : 12Aug15

Revision : E Size : A3 Scale : N.T.S.

Drawing Number : AI500-070-03

Drawing Title : 500-070 FCU Schoolzone Beacon External Harness Diagram

Client : APPLIED INFORMATION INC.

