



If the TG410 and RA400 are powered from the same battery, to prevent ground loops, use an isolated DC-DC power supply to supply power to the RA400 on long runs (greater than 100ft) . Place close to the battery.

DRAWING NOTES

- NOTE 1:
NOTE 2:
NOTE 3:
NOTE 4:
NOTE 5:
NOTE 6:
NOTE 7:
NOTE 8:

RA400 DIP Switch Settings	
1	OFF = Master, ON = Slave
2	Baud: OFF = 9600, ON = 19200
3	Switches 3-8 Device Address
4	Addresses 1-63 Available
5	DIP Switches are equal to
6	binary values when converting to
7	a decimal number. See RA400
8	manual for more information.

Digital Input 1 Function	
1	If controller is in OFF mode it will place it in the AUTO mode.
2	If the controller is in any mode other than OFF, it will place it into OFF mode. This includes shutting down the engine if it is currently running. Cooldown time is skipped during this operation.

Digital Input 2 Function	
1	If controller is in AUTO mode it will start the engine.
2	If the engine is running it will shutdown the engine. This includes all normal shutdown functions such as cooldown. The controller returns to AUTO mode after shutdown.

Power Wire Gauge and Distances	
14	1800 - 2800ft (549 - 853m)
16	1125 - 1800ft (343 - 549m)
18	700 - 1125ft (213 - 343m)
20	450 - 700ft (137 - 213m)
22	0 - 450ft (0 - 137m)

NOTE: Wireless solution available for applications with long distances or wiring issues. Contact factory for more information.

Your application and wiring may vary. Refer to full user manual for detailed information on using your products.



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Project Name	Wiring Diagrams
Drawing Name	TG410 to RA400 Connections
Drawing Number	DWG1530
Drawing Revision	1.1.0
Drawing Scale	Not To Scale
Drawing Size	ANSI-B / Ledger
Created On	03/13/2013
Modified On	09/23/2014
Created By	Everett Pattison
Modified By	WWM