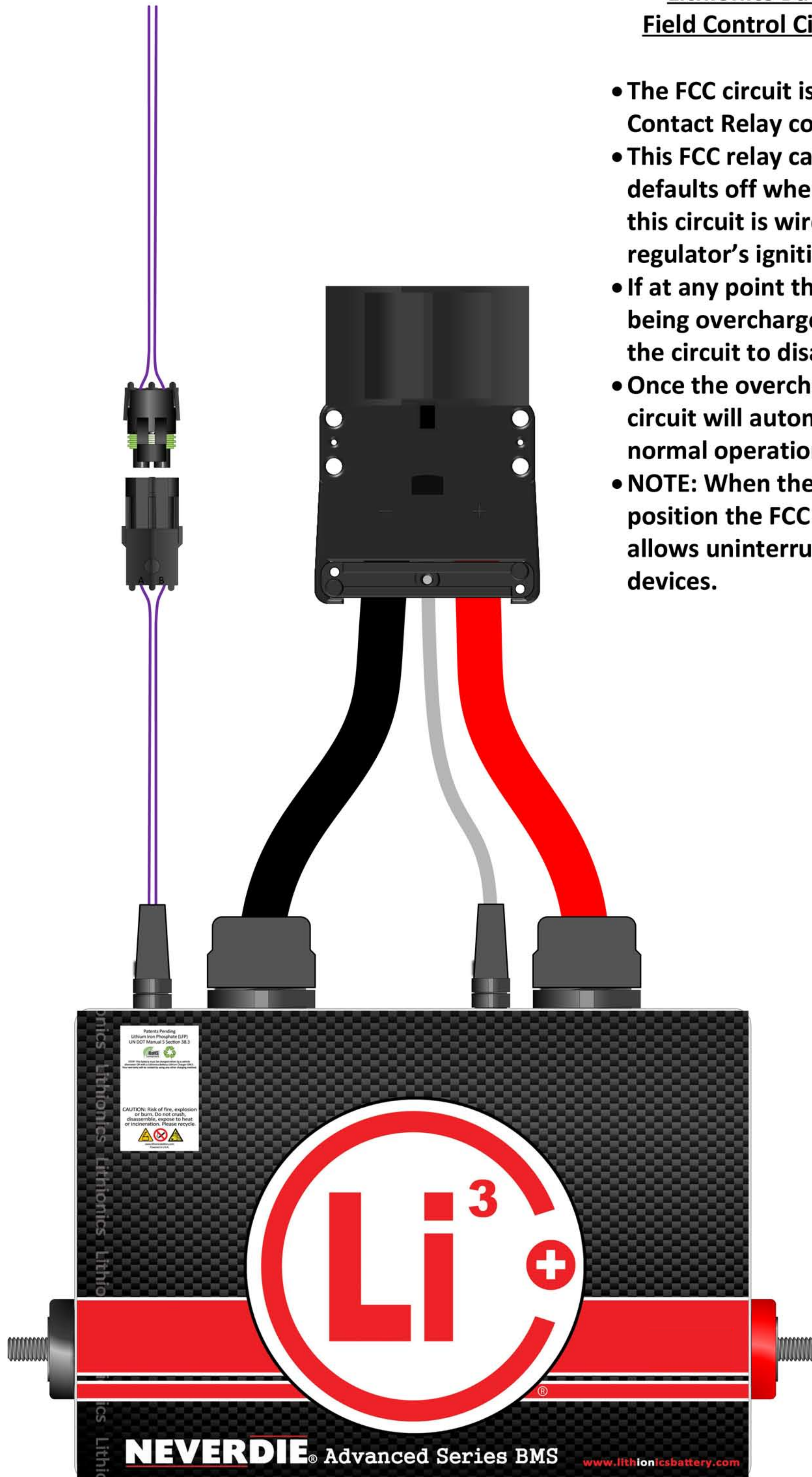


**NORMALLY CLOSED  
DRY CONTACT RELAY LEADS  
(2A 24V DC, 8A 250V AC MAX)**

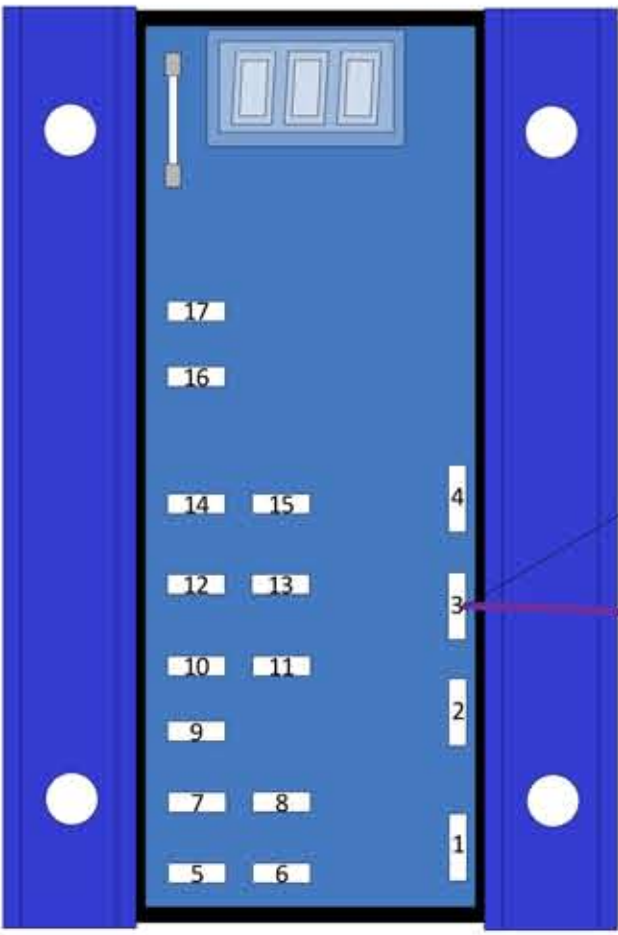


**Lithionics Battery NeverDie BMS  
Field Control Circuit (FCC) Operation:**

- The FCC circuit is a Normally Closed Dry Contact Relay controlled by the BMS.
- This FCC relay can switch any device that defaults off when the circuit is open. Typically this circuit is wired in series with an alternator regulator's ignition wire.
- If at any point the BMS detects that a cell is being overcharged then the FCC relay opens the circuit to disable the charging source.
- Once the overcharged cell recovers the FCC circuit will automatically close to resume normal operation.
- **NOTE:** When the BMS is in the off/storage position the FCC relay will be closed which allows uninterrupted normal use of other devices.

		DATE	PROJECT		
			NeverDie BMS Series		
DRAWN	C. HAKIMIAN	6/2/2017	DWG TITLE	DWG NO	N/A
REVIEWED	J. D'ETTORE	6/2/2017	Lithionics Battery Field Control Circuit (FCC) Example	PART NO	N/A
APPROVED	D. BUTVINIK	6/2/2017		SHEET	1 OF 2
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LITHIONICS BATTERY 1770 CALUMET ST, CLEARWATER, FL 33765</small>			 <b>Lithionics Battery</b>	REV	1

BALMAR MC-614

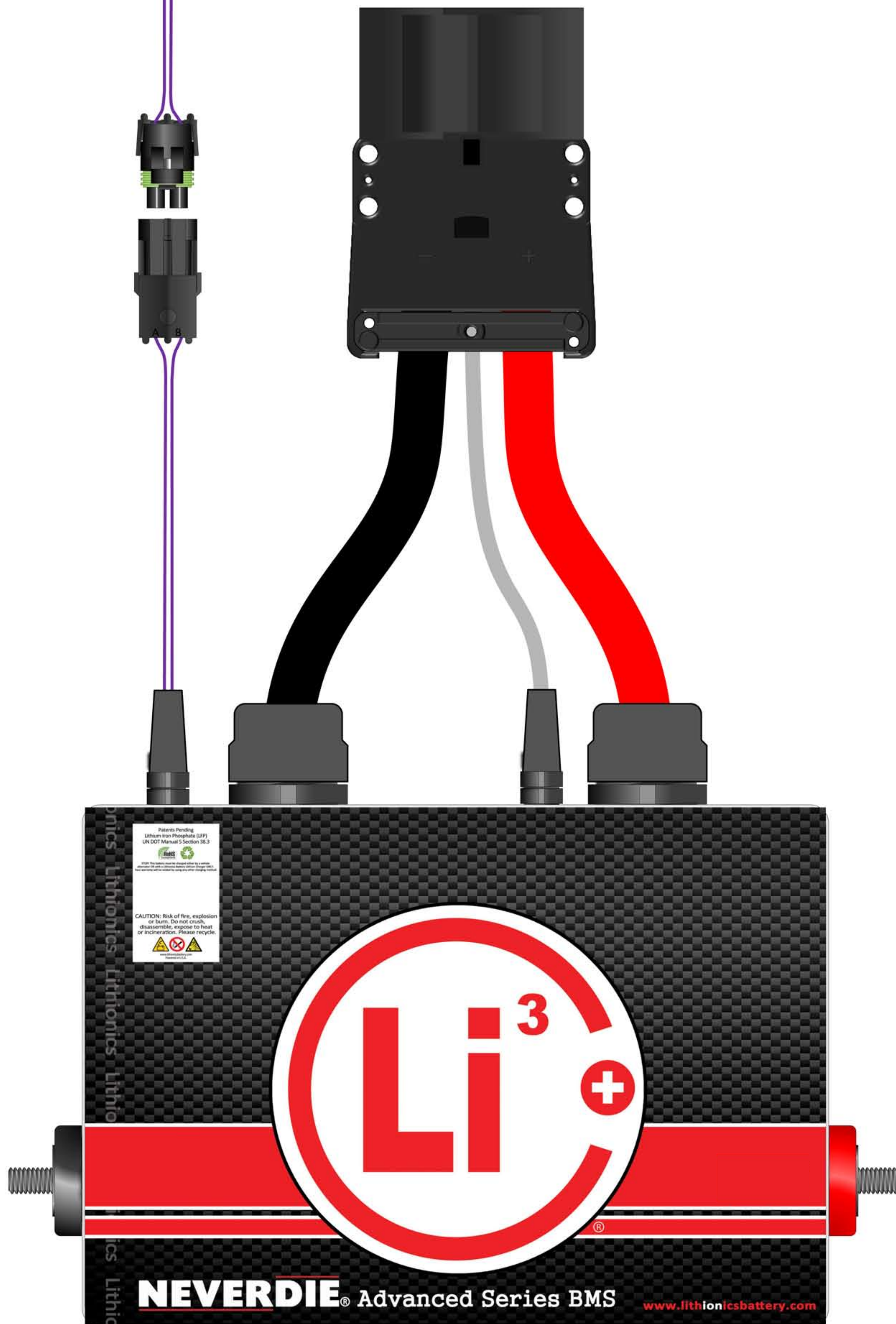


**NORMALLY CLOSED  
DRY CONTACT RELAY LEADS  
(2A 24V DC, 8A 250V AC MAX)**



**Example B+ Connection Locations:**

- Ignition On
- Key On
- Sprinter and Ford Transit: Engine On
- Sprinter Location of Engine On:
  - Locate a junction block under the driver's seat with 3 outputs: Chassis Hot, Chassis Ground, Engine Run
  - Connect B+ to Engine Run



		DATE	PROJECT		
			NeverDie BMS Series		
DRAWN	C. HAKIMIAN	6/2/2017	Lithionics Battery Field Control Circuit (FCC) Example	DWG NO	N/A
REVIEWED	J. D'ETTORE	6/2/2017		PART NO	N/A
APPROVED	D. BUTVINIK	6/2/2017		SHEET	2 OF 2
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LITHIONICS BATTERY 1770 CALUMET ST, CLEARWATER, FL 33765 ANY PARTY ACCEPTING THIS DOCUMENT DOES SO IN CONFIDENCE AND AGREES THAT IT SHALL NOT BE DUPLICATED IN WHOLE OR IN PART, NOR DISCLOSED TO OTHERS, WITHOUT THE CONSENT OF LITHIONICS BATTERY.</small>				REV	1