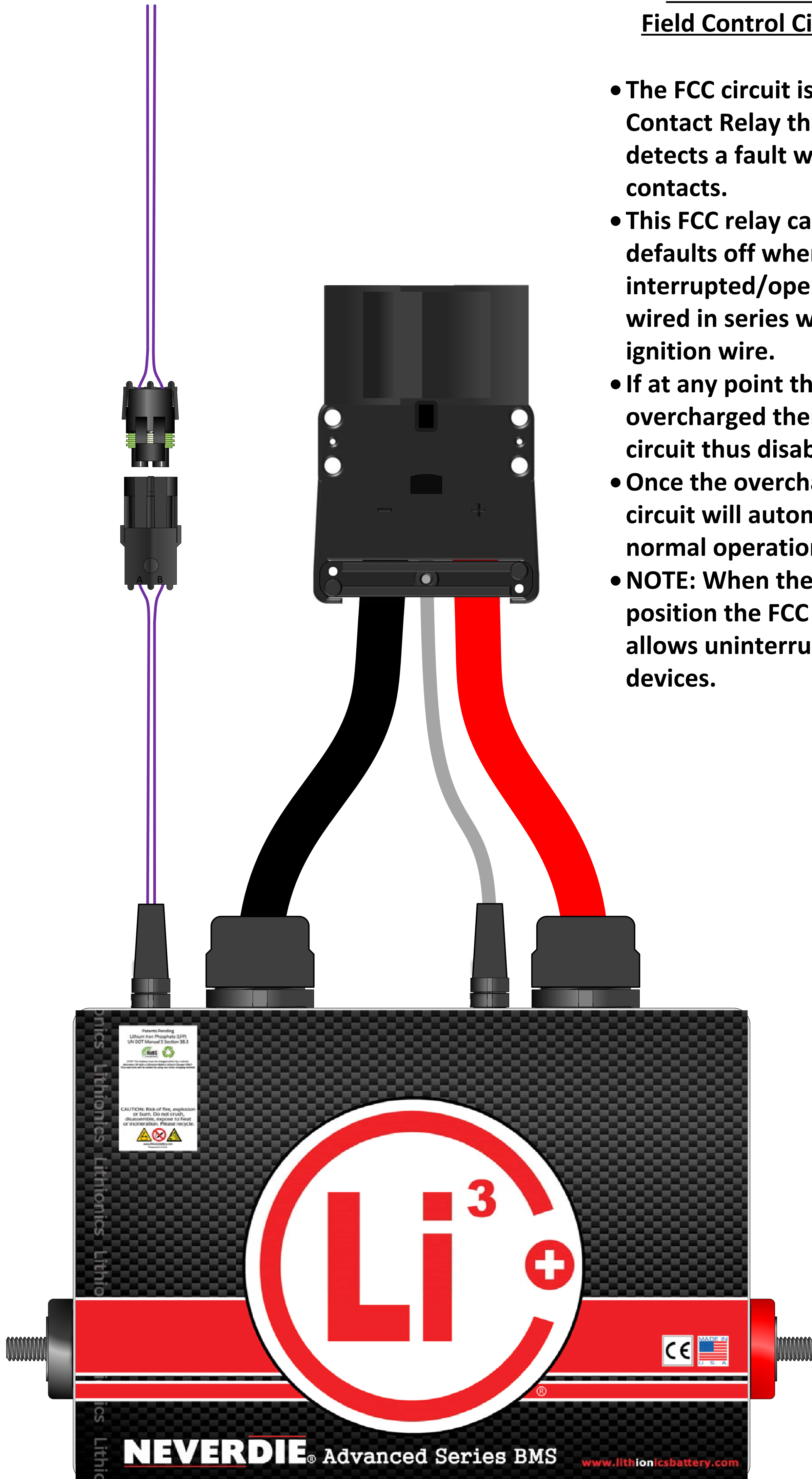



**NORMALLY CLOSED
DRY CONTACT RELAY LEADS
(8A 250VAC MAX)**

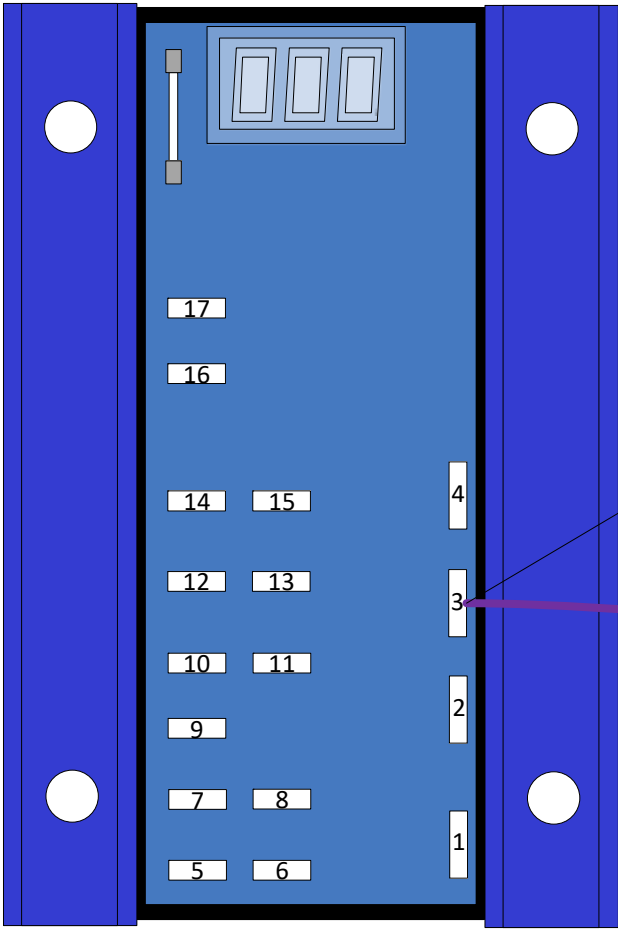


**Lithionics Battery NeverDIE BMS
Field Control Circuit (FCC) Operation:**

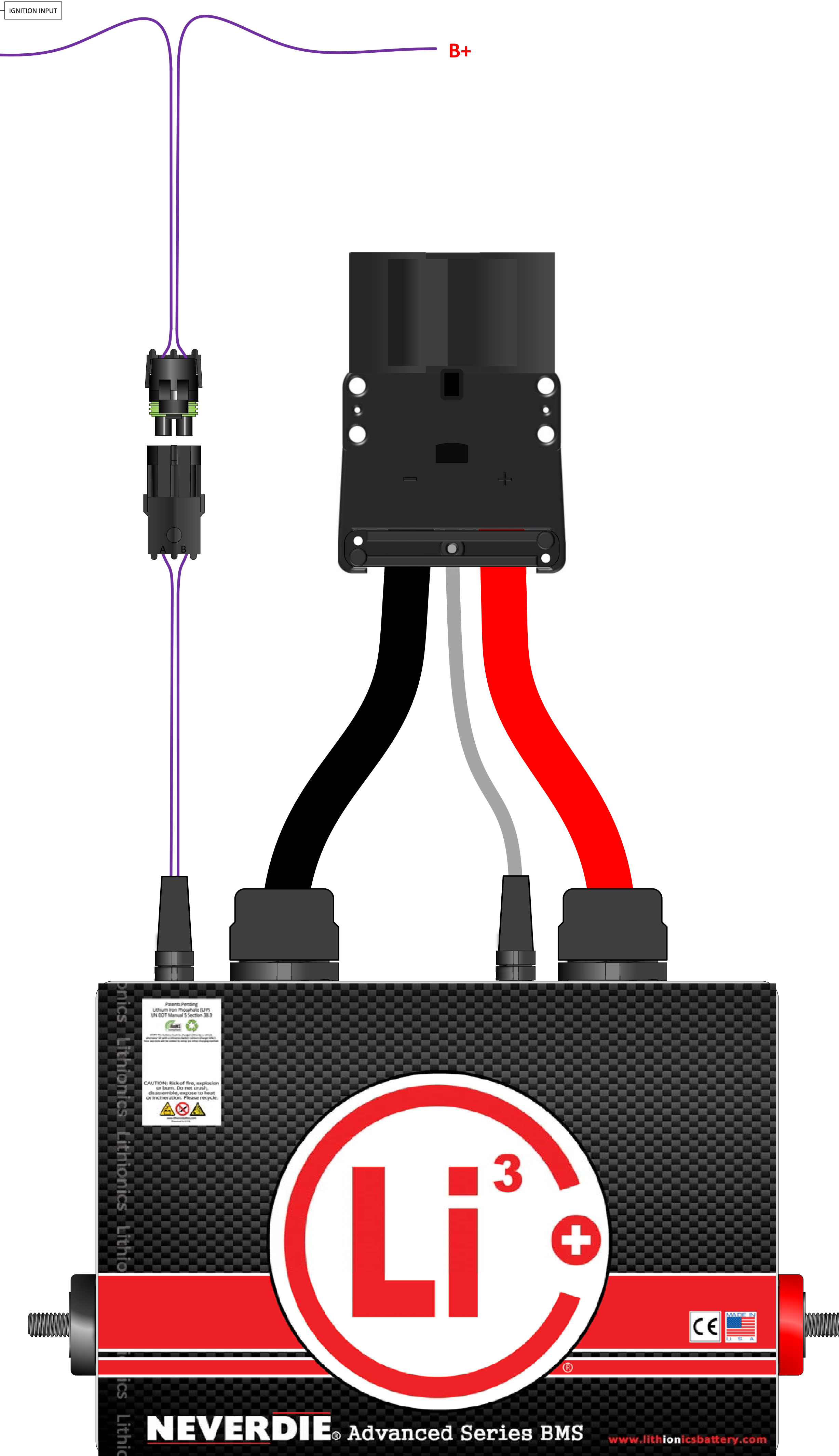
- The FCC circuit is a Normally Closed Dry Contact Relay that is energized when the BMS detects a fault which then opens the dry relay contacts.
- This FCC relay can switch any device that defaults off when the devices circuit is interrupted/opened. Typically this circuit is wired in series with an alternator regulator's ignition wire.
- If at any point the BMS detects a cell is being overcharged then the FCC relay opens the circuit thus disabling the overcharge 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	
DRAWN	C. HAKIMIAN	6/2/2017	DWG TITLE
REVIEWED			Lithionics Battery Field Control Circuit (FCC) Example
APPROVED			DWG NO
<small>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LITHIONICS BATTERY 1770 CALUMET ST, CLEARWATER, FL 33765</small>			PART NO
<small>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>			SHEET
 Lithionics Battery			1 OF 1
			REV
			0

BALMAR MC-614



**NORMALLY CLOSED
DRY CONTACT RELAY LEADS
(8A 250VAC MAX)**



	DATE	PROJECT	
DRAWN	C. HAKIMIAN	6/2/2017	DWG TITLE
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APPROVED			DWG NO
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