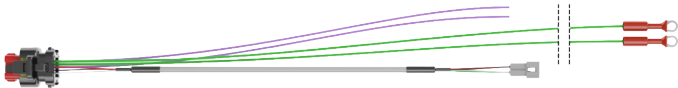


# CS200 AMPSEAL HARNESS

## Accessories



CAT # 75-H1FBR1-CS2-UL



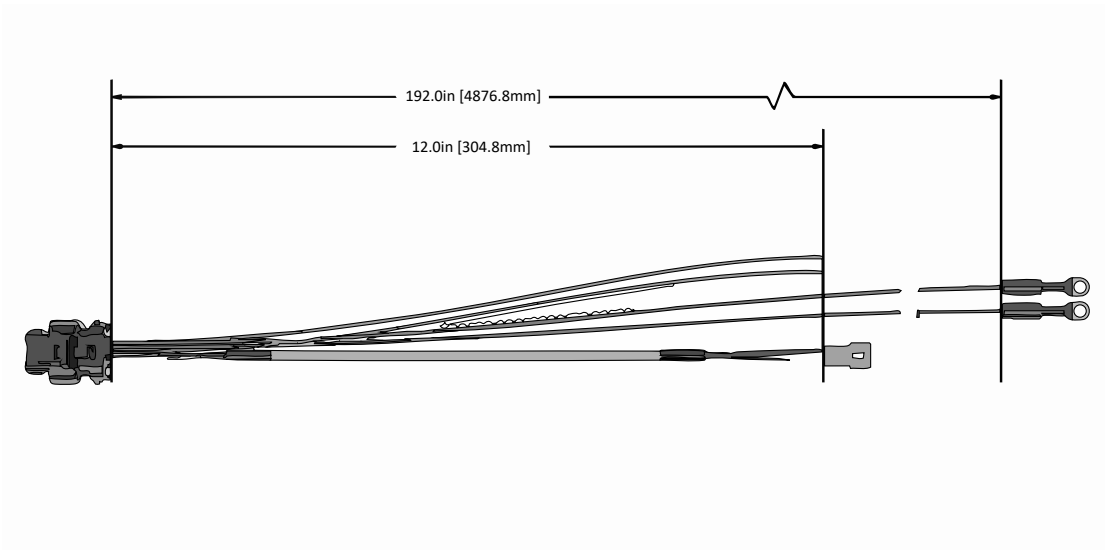
### KEY BENEFITS

- + **DC Breaker Control:** signals for redundant disconnect and serves as a manual disconnect.
- + **Alternator Field Control Circuit (FCC):** prevents alternator damage and overcharging.
- + **Lighted Remote Power Button (Molex):** enables remote BMS on/off/reset.

**Reliable Power, Seamless Integration.**  
Power up your energy storage system with the CS200 AMPSEAL harness. Featuring an 8-pin AMPSEAL Connector, it integrates auxiliary circuits for enhanced BMS functions and safety. This AMPSEAL harness includes essential features like the Lighted Remote Power Button, Alternator Field Control Circuit (FCC), and DC Breaker Control for UL compliance.

### DIMENSIONS

Harness Length	12.0"	304.0mm
Weight	1.0 lb	0.45 kg



## AMPSEAL-8 Functions/Wiring

Function Name	Short Name	Pin #	Pin Name	Description	Details
Alternator Field Control Circuit	FCC	7	FCC 1	Alternator field control circuit wire 1	Dry contact, up to 24VDC 2A, needs ext. fuse
		8	FCC 2	Alternator field control circuit wire 2	Dry contact, up to 24VDC 2A, needs ext. fuse
Reset Button	Reset	1	Reset 1	Reset button wire 1	15V 5mA normally open push button circuit
		6	Reset 2	Reset button wire 2	15V 5mA normally open push button circuit
LED Indicator	LED Signal	2	LED positive	LED high side drive	12V 5mA LED driver, internally 3k limited
		4	LED negative	LED negative return	12V 5mA LED driver, internally 3k limited
DC Breaker Control	DC Breaker	5	DC breaker +12V	12V 1A fused source for DC breaker	12V 1A fused source
		3	DC breaker negative	Low side drive for DC breaker	Direct drive to ground

## COMPATIBLE PRODUCTS

- Molex Extension PN **#75-240-180**
- FCC extension PN: **#75-149-180**
- Sensata Circuit Breaker model **#JLE-1-41340-250**

**Application note:** Adhere to electrical specifications and fusing requirements to protect the integrity of your BMS unit.

DS-039

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