

Tesla Model 3 BMS Controller V1 connector pinout

Requires a 48 pin enclosure and header : <https://www.aliexpress.com/item/32839361268.html>



1M – Permanent 12V via a 2A automotive fuse

1L – Chassis Ground

1K – CAN High

1J – CAN Low

1H – ISOSPI+ Model 3 bms daisy chain

1G – ISOSPI- Model 3 bms daisy chain

1F – Rx for Model S/X slave boards

1E – Tx for Model S/X slave boards

1D – 12v digital input 2

1C – 12v digital input 1

1B – Analog input (e.g. analog current sensor)

2M – Digital Out 2. Low side switch.

2L – Digital Out 1. Low side switch.

4M – 5V Output (e.g. Hall effect current sensor)

4M – 5V Ground.