

CHARGER 48V →

MAIN BATTERY 48V

K2 Charge Relay 450V 40A

K1 Sevcon Logic Supply 450V 10A

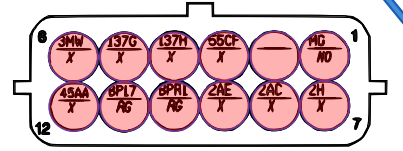
F2 (50A)

F1 (5A)

F3 (500A)

K3 Main Relay 450V 150A

SEVCON 48V ←



- PIN 1 GND
- PIN 3 Sevcon Logic Supply 48V
- PIN 4 CAN-High
- PIN 5 CAN-Low
- PIN 6 ECU OK (3MW)
- PIN 7 Relay Common
- PIN 8 Relay Charger 40A
- PIN 9 Relay Sevcon Supply 10A
- PIN 10 12V Auxil-Perm
- PIN 11 12V BMS
- PIN 12 Main Relay

3Mw Relays

R1
470Ω
±5%

12V → 5V

Bluetooth

← Cell voltage probes
(i.e. voltage dividers)

← Pack current

← Pack temperature (rear)

← Pack temperature (front)