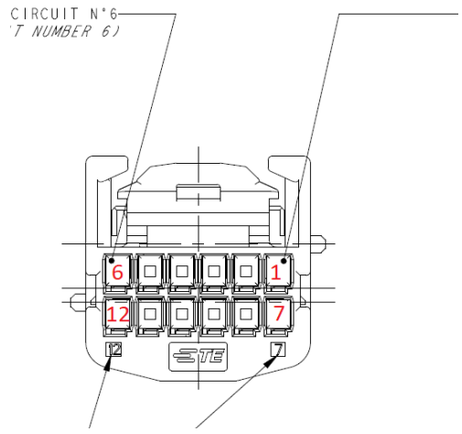
Tesla Model 3 Power Conversion System Controller V3 connect

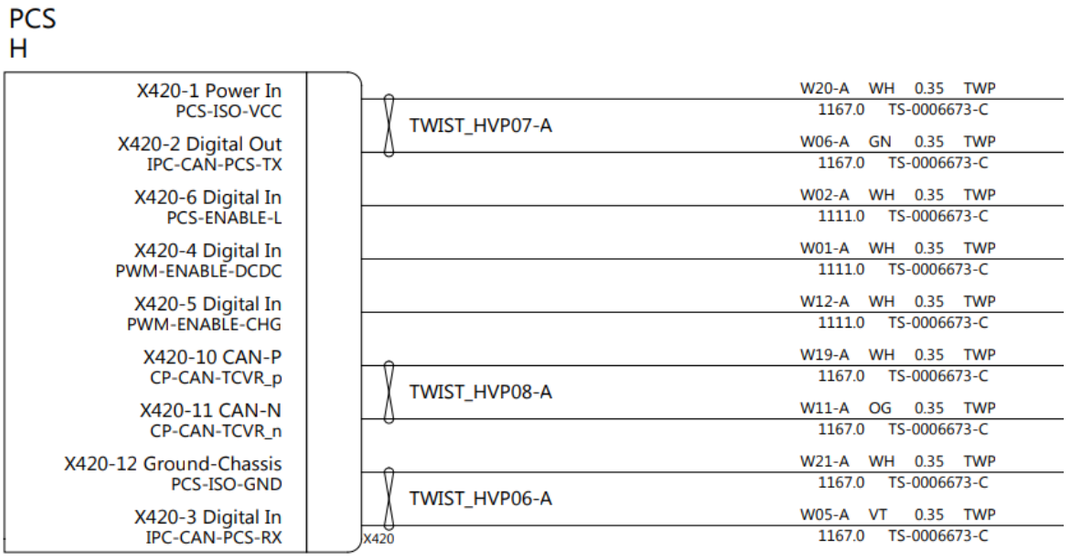
The controller requires a TE 35 pin ampseal connector.

Plug p/n :776164-1

Connector p/n:776163-1

Pin p/n:770854-1



1	-	Ground
2	-	12V Permanent supply
3	-	Output 1
4	-	Output 2
5	-	Input 1
6	-	Input 2
7	-	EVSE Control Pilot (CP)
8	-	EVSE Proximity (PP)
9	-	CAN Low
10	-	CAN High
11	-	CAN Ground
12	-	5V
13	-	Analog In
14	-	Not used
15	-	Not used
16	-	Not used
17	-	Not used
18	-	Not used
19	-	Not used
20	-	Analog input (optional)
21	-	Not used
22	-	Not used
23	-	Not used
24	-	Not used
25	-	Not used
26	-	GND
27	-	12V
28	-	5V
29	-	IPC_CAN_Tx
30	-	IPC_CAN_Rx
31	-	PCS_Enable
32	-	PCS_DCDC
33	-	PCS_Charge
34	-	CP_CAN_H
35	-	CP_CAN_L

Ground	-W21	X420 pin 12
12V	-not used	
5V	-W20	X420 pin 1
IPC CAN Tx	-W06	X420 pin 2
IPC CAN Rx	-W05	X420 pin 3
PCS Enable	-W02	X420 pin 6
PWM DCDC	-W01	X420 pin 4
PWM Charger	-W12	X420 pin 5
CP CAN High	-W19	X420 pin 10
CP CAN Low	-W11	X420 pin 11