



J4- DC bus

DS300 - Neon (Or ange) - Presence of voltage on DC bus for Flyback Converter to create power supplies for both Gate Commands

DS200 - Yellow - High IGBT\* (Q200) Gate Command running

DS201 - Green - Presence of +20 V Supply on high IGBT\* Gate Command

DS202 - Green - Presence of -10 V Supply on high IGBT\* Gate Command

J1- Inverter current feedback

ILP  
ILR

J3 - Connector from HV tank (IGBT commands, currents and temperature feedback)

DS100 -Yellow-Low IGBT\* (Q100) Gate Command

DS101 - Green - Presence of +20 V Supply on low IGBT\* Gate Command

DS102 - Green - Presence of -10 V Supply on low IGBT\* Gate Command

\* Insulated Gate Bipolar Transistor