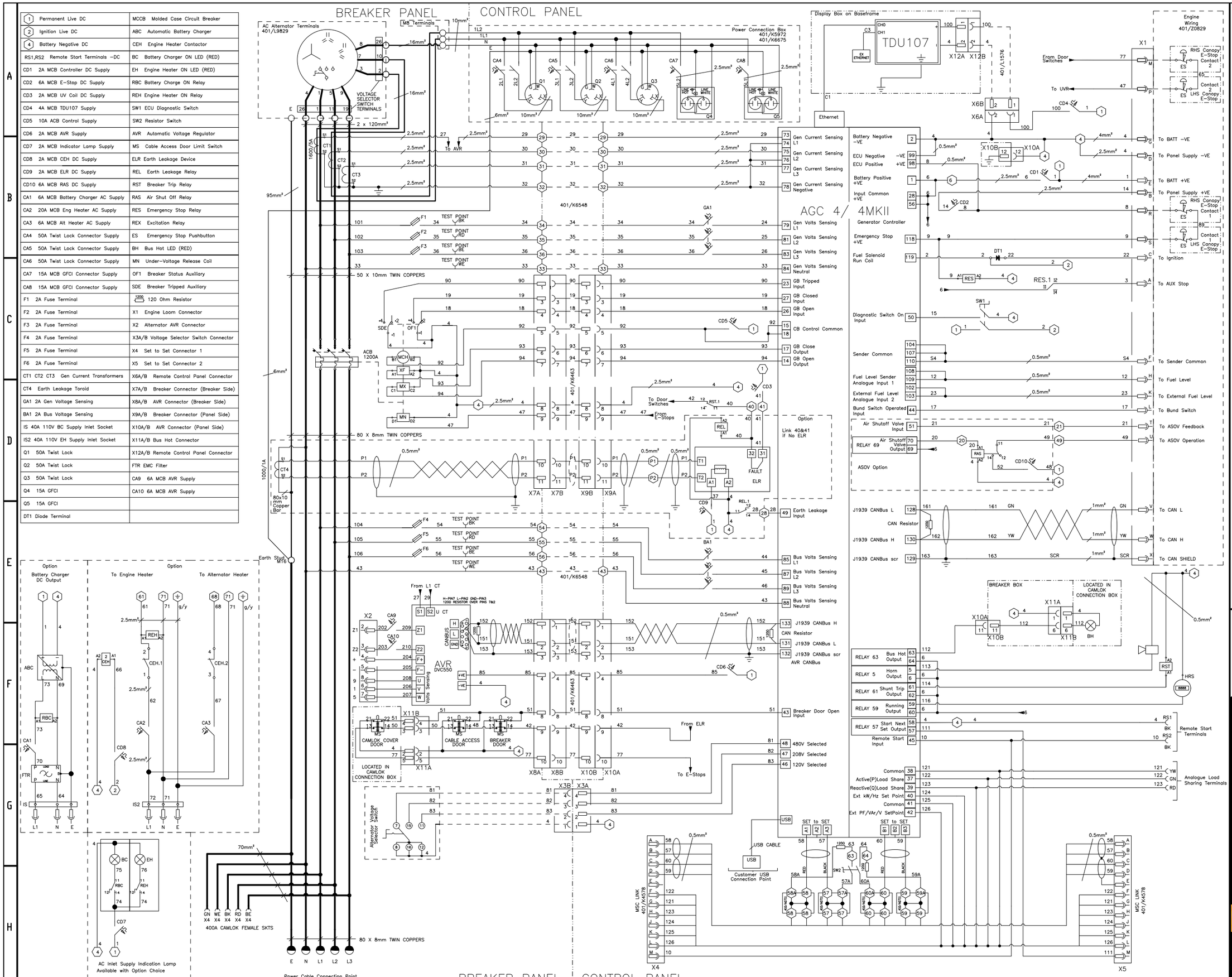
| | |
|---|---|
| 1 Permanent Live DC | MCCB Molded Case Circuit Breaker |
| 2 Ignition Live DC | ABC Automatic Battery Charger |
| 4 Battery Negative DC | CEH Engine Heater Contactor |
| RS1,RS2 Remote Start Terminals –DC | BC Battery Charger ON LED (RED) |
| CD1 2A MCB Controller DC Supply | EH Engine Heater ON LED (RED) |
| CD2 6A MCB E-Stop DC Supply | RBC Battery Charge ON Relay |
| CD3 2A MCB UV Coil DC Supply | REH Engine Heater ON Relay |
| CD4 4A MCB TDU107 Supply | SW1 ECU Diagnostic Switch |
| CD5 10A ACB Control Supply | SW2 Resistor Switch |
| CD6 2A MCB AVR Supply | AVR Automatic Voltage Regulator |
| CD7 2A MCB Indicator Lamp Supply | MS Cable Access Door Limit Switch |
| CD8 2A MCB CEH DC Supply | ELR Earth Leakage Device |
| CD9 2A MCB ELR DC Supply | REL Earth Leakage Relay |
| CD10 6A MCB RAS DC Supply | RST Breaker Trip Relay |
| CA1 6A MCB Battery Charger AC Supply | RAS Air Shut Off Relay |
| CA2 20A MCB Eng Heater AC Supply | RES Emergency Stop Relay |
| CA3 6A MCB Alt Heater AC Supply | REX Excitation Relay |
| CA4 50A Twist Lock Connector Supply | ES Emergency Stop Pushbutton |
| CA5 50A Twist Lock Connector Supply | BH Bus Hot LED (RED) |
| CA6 50A Twist Lock Connector Supply | MN Under–Voltage Release Coil |
| CA7 15A MCB GFCI Connector Supply | OF1 Breaker Status Auxiliary |
| CA8 15A MCB GFCI Connector Supply | SDE Breaker Tripped Auxiliary |
| F1 2A Fuse Terminal | 1200 120 Ohm Resistor |
| F2 2A Fuse Terminal | X1 Engine Loom Connector |
| F3 2A Fuse Terminal | X2 Alternator AVR Connector |
| F4 2A Fuse Terminal | X3A/B Voltage Selector Switch Connector |
| F5 2A Fuse Terminal | X4 Set to Set Connector 1 |
| F6 2A Fuse Terminal | X5 Set to Set Connector 2 |
| CT1 CT2 CT3 Gen Current Transformers | X6A/B Remote Control Panel Connector |
| CT4 Earth Leakage Toroid | X7A/B Breaker Connector (Breaker Side) |
| GA1 2A Gen Voltage Sensing | X8A/B AVR Connector (Breaker Side) |
| BA1 2A Bus Voltage Sensing | X9A/B Breaker Connector (Panel Side) |
| IS 40A 110V BC Supply Inlet Socket | X10A/B AVR Connector (Panel Side) |
| IS2 40A 110V EH Supply Inlet Socket | X11A/B Bus Hot Connector |
| Q1 50A Twist Lock | X12A/B Remote Control Panel Connector |
| Q2 50A Twist Lock | FTR EMC Filter |
| Q3 50A Twist Lock | CA9 6A MCB AVR Supply |
| Q4 15A GFCI | CA10 6A MCB AVR Supply |
| Q5 15A GFCI | |
| DT1 Diode Terminal | |




Note: Cable identification numbers on the manufactured looms with a letter after the number are a continuation of the same circuit on this schematic.
eg. 4a,4b,4c, etc are represented as just 4 on this schematic.

| | | | |
|---|---|---|---|
| TITLE | AGC4 CONTROL SCHEMATICS | | |
| | | | |
| | | | |
| | | | |
| SCALE | NTS | | |
| SHEET | 1 | | |
| DRAWING NO. | | | ISSUE |
| 401/G9345 | | | 10 |

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