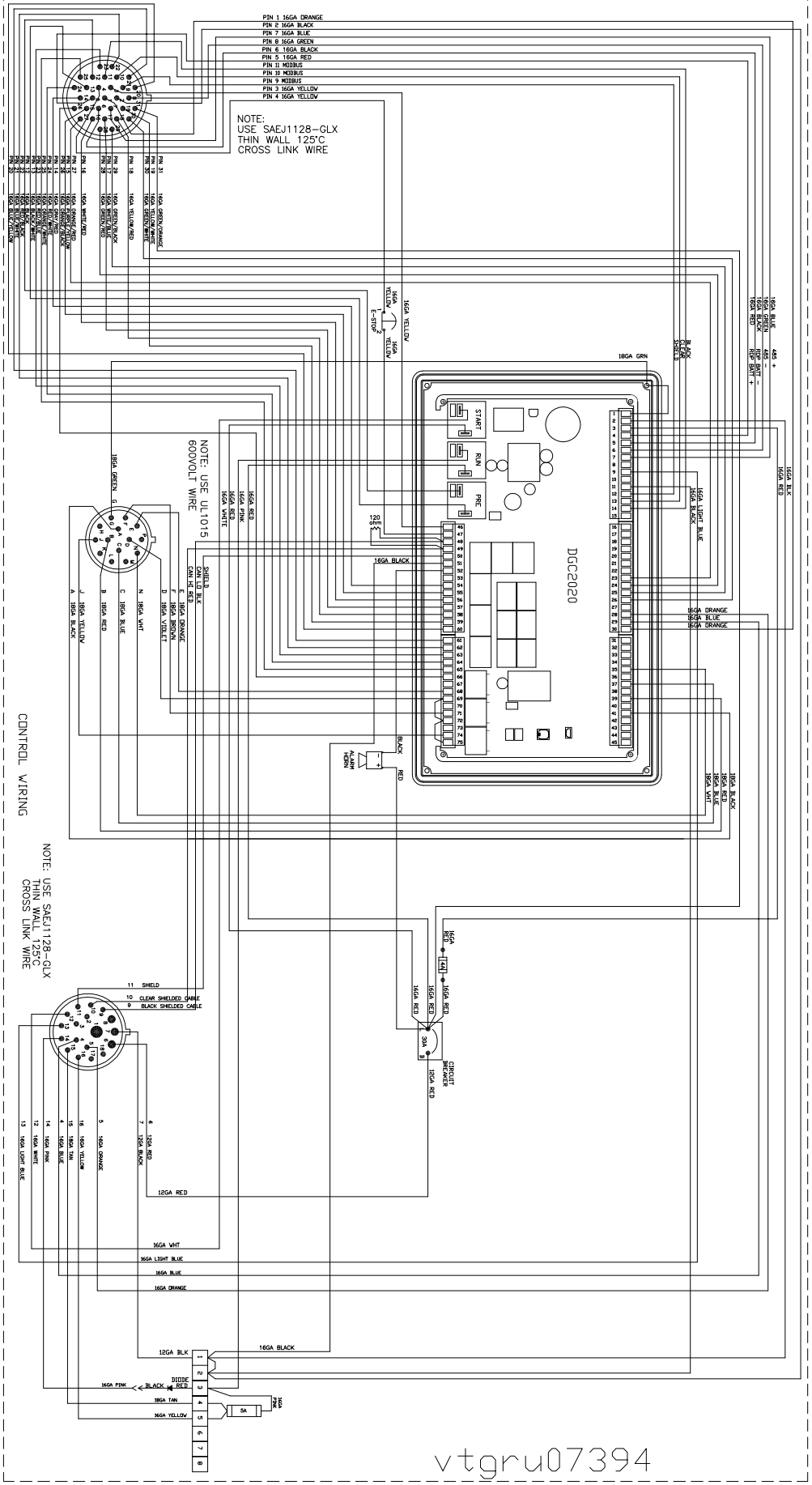
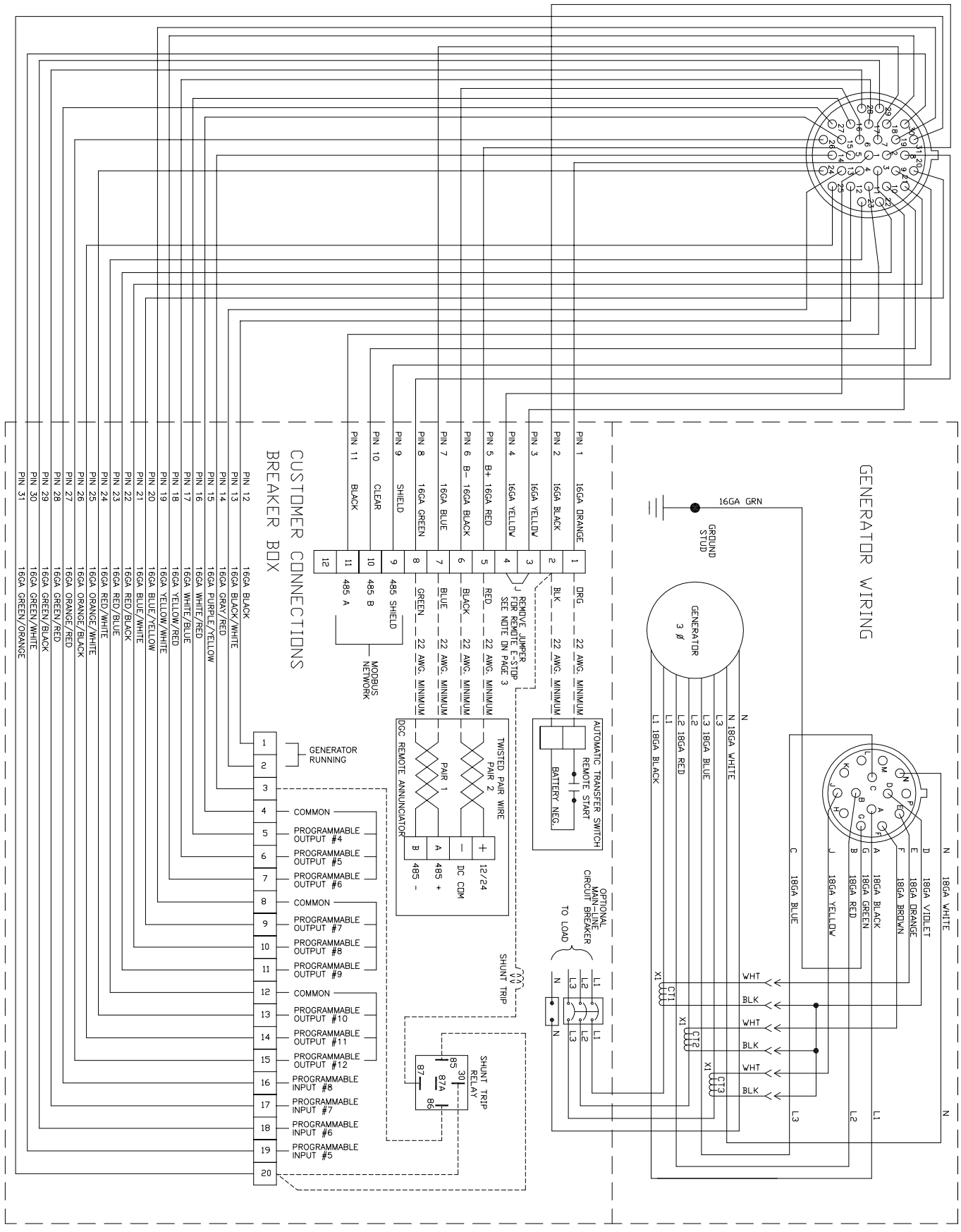
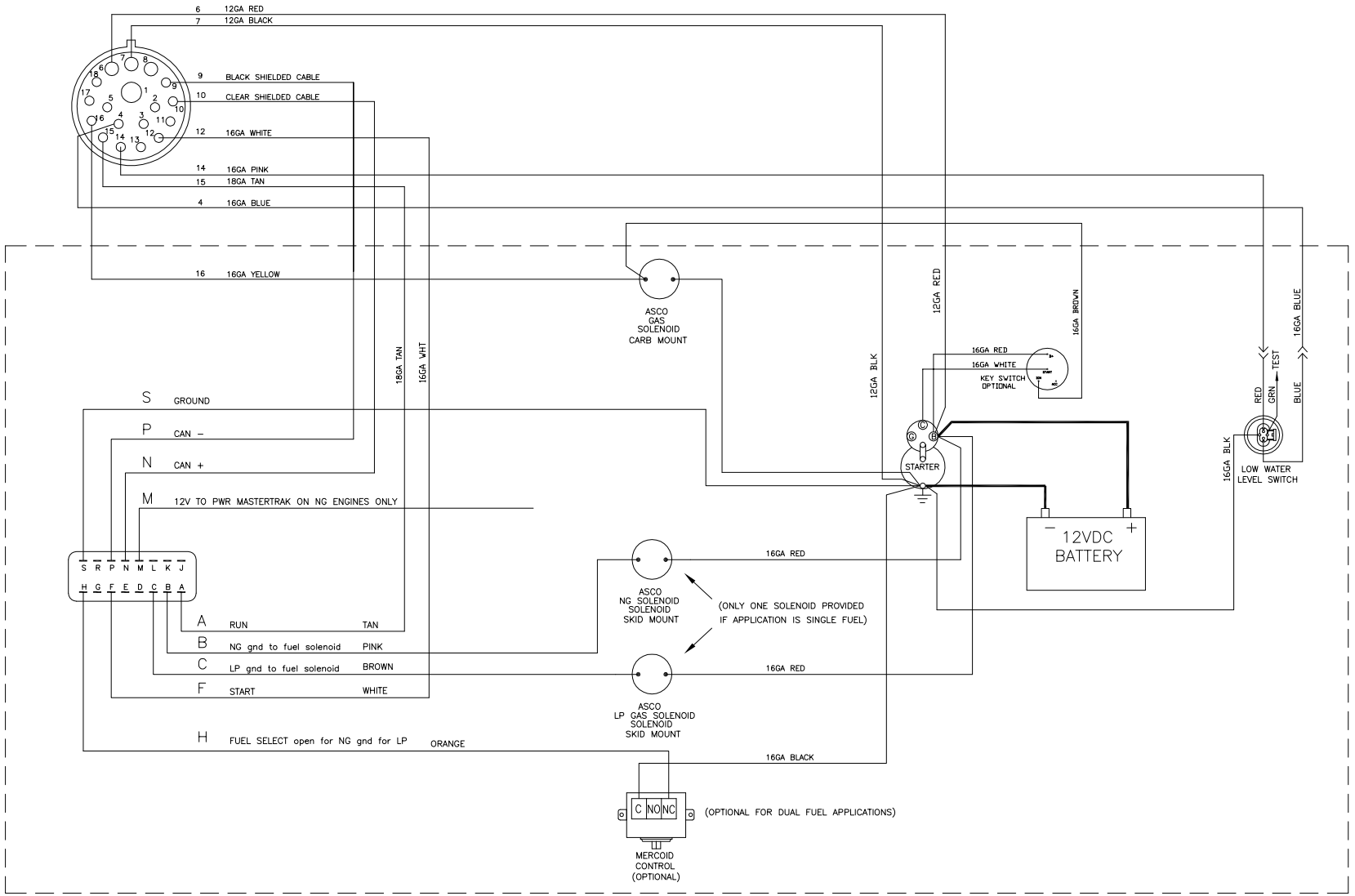


TAYLOR POWER SYSTEMS		
PART NAME	THREE PHASE PERKINS 1106D 12VDC BASLER DGC2020 CONTROL PANEL DIAGRAM	
DRAWING NUMBER SD20ACDC025	MODEL TG30-TG150	1 OF 3

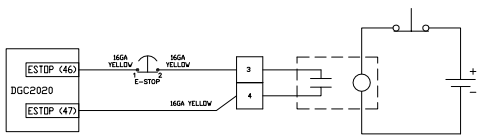


TAYLOR POWER SYSTEMS		
PART NAME	THREE PHASE PERKINS 1106D 12VDC BASLER DGC2020 CONTROL PANEL DIAGRAM	
DRAWING NUMBER SD20ACDC025	MODEL TG30–TG150	2 OF 3



NOTE:

Emergency stop input- The emergency stop input is intended for use with normally closed switch and recognizes an emergency stop input when the short-circuit across the input is removed. The e-stop can be up to 75ft. away from the DGC2020 using a max. wire length of 150ft. Units with board number (located on the back of the unit) lower than 9400201139 may experience problems associated with ESTOP wire lengths greater than 2 feet (0.6m). An interposing relay, connected as shown in the drawing below alleviates potential problems.



This relay is the type that when the coil is NOT energized, the contacts are open. When the coil is energized, the relay contacts are closed. The ESTOP button is normally closed (i.e. closed when it is NOT pushed). The relay coil is always energized when the ESTOP switch is closed (NOT pushed), so relay contacts are closed in normal operation. When the ESTOP button is pushed, the ESTOP switch opens, so relay contacts open, shutting down the unit.

TAYLOR POWER SYSTEMS

PART NAME THREE PHASE PERKINS 1106D 12VDC BASLER DGC2020 CONTROL PANEL DIAGRAM

DRAWING NUMBER SD20ACDC025

MODEL TG30–TG150

3 OF 3