When this condition occurs, the fault is occurring external to the inverter. Refer to the appropriate C21-, C11, or C01- drawing for the bypass unit in question.(see Table 1 below). When the "K4" relay de-energizes, the fault light will turn on and the motor will not turn. Aside from a P5 inverter fault, one of the following may be the cause:
A motor overload trip that has not yet been reset
A normally closed external safety interlock is open.

Excerpt from a P5 C21 bypass schematic below:

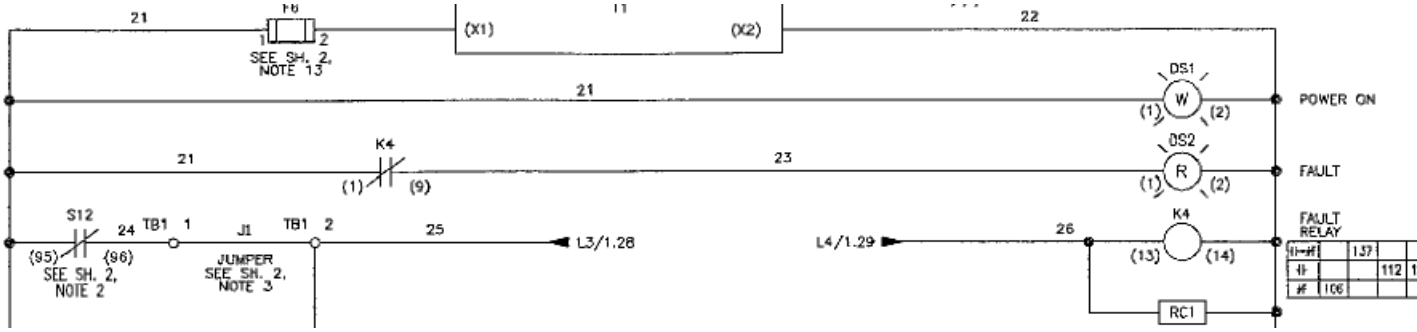

TABLE 1

Document #	Drawing Description
C21-00	Bypass, Wall Mount
C21-S0	Bypass with Smoke Purge, Wall Mount
C21-0T	Bypass with Auto Transfer, Wall Mount
C21-ST	Bypass with Smoke Purge & Auto Transfer, Wall Mount
C21-H00	Bypass with Speed Pot, Wall Mount
C21-HS0	Bypass with Speed Pot & Smoke Purge, Wall Mount
C21-H0T	Bypass with Speed Pot & Auto Transfer, Wall Mount
C21-HST	Bypass with Speed Pot, Smoke Purge & Auto Transfer, Wall Mount
C21-00-F	Bypass Basic Floor Mount
C21-S0-F	Bypass with Smoke Purge, Floor Mount
C21-0T-F	Bypass with Auto Transfer Floor Mount
C21-ST-F	Bypass with Smoke Purge & Auto Transfer Floor Mount
C21-H00-F	Bypass with Speed Pot, Floor Mount
C21-H0T-F	Bypass with Speed pot & Auto Transfer Floor Mount
C21-HS0-F	Bypass with Speed Pot & Smoke Purge, Floor Mount
C21-HST-F	Bypass with Sped Pot, Smoke Purge & Auto Transfer Floor Mount
C21-2 mtr. AND	Bypass with 2 Motor AND
C21-2 mtr. OR	Bypass with 2 Motor OR
C21-12 Pulse	Bypass with 12 Pulse Isolation/Phase Shift Transformer
C23-00	Wall Mount Enclosure
C23-H0	w/Speed Pot Wall Mount Enclosure
C23-00-F	Floor Mount Enclosure
C23-H0-F	w/Speed Pot, Floor Mount Enclosure
C21-SoftStart	w/SoftStarter Bypass