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**CONTROL WIRING**

- 22 LINE VOLTAGE CONTROL WIRING AWG #14 BLACK
- 23 CPT VOLTAGE CONTROL WIRING AWG #16 RED
- 24 AWG #16 WHITE (WIRE 28)
- 25 CPT GROUND WIRING AWG #14 GREEN&YELLOW
- 26 24V DRIVE CONTROL WIRING AWG #16 BLUE
- 27 DRIVE GROUND WIRING VARIES BY RATINGS. REFER TO BILL OF MATERIAL
- 28 **POWER WIRING** VARIES BY RATINGS. REFER TO BILL OF MATERIAL
- 30 USE 75°C COPPER CONDUCTORS ONLY, FOR FIELD WIRING. TORQUE LINE AND LOAD TERMINALS AS MARKED ON COMPONENT INSTRUCTION SHEET

- NOTES:**
1. DC LINK REACTOR (DCR) IS BUILT INTO DRIVE. REFER CATALOG NUMBER FOR RATING.
  2. RELAY1 PROGRAMMED FOR FAULT INDICATION.
  3. RELAY2 PROGRAMMED FOR DRIVE RUN INDICATION.
  4. REFER TO CATALOG NUMBER FOR RATING DETAILS.
  5. CPT & ENCLOSURE FAN(S) ARE PROVIDED FOR HIGHER HP RATING ONLY (150HP & ABOVE @ 460VAC/575VAC).

**NOMENCLATURE**

INVTR	INVERTER
FU	CPT PRIMARY FUSE
SFU	CPT SECONDARY FUSE
CB1	CIRCUIT BREAKER
S201&S202	SWITCH (PART OF DRIVE)
FSBLK	FUSE BLOCK
LDR	LOAD REACTOR
ACR	AC LINE REACTOR
M	MOTOR (LOAD)
DSCW	DISCONNECT SWITCH
CPT	CONTROL POWER TRANSFORMER
DCR	DC LINK REACTOR

FOR CSA GROUND KIT, ORDER KIT NUMBER FROM THE FOLLOWING TABLE:

CONDUIT SIZE	KIT NUMBER
1/2-IN CONDUIT	55-213403G001
3/4-IN CONDUIT	55-213403G002
1-IN CONDUIT	55-213403G003
1 1/4-IN CONDUIT	55-213403G004
1 1/2-IN CONDUIT	55-213403G005
2-IN CONDUIT	55-213403G006
2 1/2-IN CONDUIT	55-213403G007

- LEGEND**
- ⌋ CUSTOMER LOW LEVEL WIRING < 50V
  - ⌋ CUSTOMER HIGH LEVEL WIRING > 50V THRU 125V
  - ⌋ CUSTOMER POWER WIRING > 125V
  - △ FACTORY WIRED JUMPER

REVISIONS			UNLESS OTHERWISE SPECIFIED	SIGNATURES	DATE
REV	DESCRIPTION	DATE	DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± ANGLES ± FRACTIONS ±	DRAWN ANANTVIJAY	10/07/11
2	AN 11-2020	11/30/11		CHECKED	
				ENGRG	
				ISSUED	10/07/11

  

FORMERLY		SIZE B	DWG NO 55-537954
TOL. PER		SCALE	SHEET 1 CONT FL

**GE Industrial Systems**

LOCATION: MONTERREY, MX

**ELEMENTARY & CONNECTION DRAWING**

FIRST MADE FOR AF-600 FP AF-650 GP DRIVE DISCONNECT

ACAD\_DISK/FILE 55-537954S1