OPTION 1 - SINGLE PHASE, CPL CONTROL PANEL

DIRECT
AR
BA
1 (BLACK)
4 (RED)

BRUSHLESS
EF
1 (BLACK)
4 (RED)

MLCB
E1 E2 E3

TB
1
4

TB1
1
4

NOTE: USED WITH G4.6L & G6.6L UNITS ONLY

LEGEND
AR – ALTERNATOR ROTOR
AS – ALTERNATOR STATOR
BA – BRUSH ASSEMBLY
EF – EXCITER FIELD
MLCB – MAIN LINE CIRCUIT BREAKER
NB – NEUTRAL BLOCK
TB – TERMINAL BLOCK

DIRECT DRIVE AS
OR
GEAR BOX DRIVE AS

GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2 3 *240VAC OR 220VAC
E1 TO NB 1 *208VAC OR 110VAC
E2 TO NB

*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES
OUTPUT VOLTAGE
"A" = 120/240VAC 60HZ
"G" = 110/220VAC 50HZ

OPTION 2 - THREE PHASE, CPL CONTROL PANEL,120/208V

DIRECT
AR
BA
1 (BLACK)
4 (RED)

BRUSHLESS
EF
1 (BLACK)
4 (RED)

MLCB
E1 E2 E3

S1 S3
S1 S3
S1 S3
S1 S3
S1 S3
S1 S3
S1 S3
S1 S3

TB
S1 S3
S1 S3
S1 S3
S1 S3

TB1
S1 S3
S1 S3
S1 S3
S1 S3

*NOTE: USED WITH G4.6L & G6.6L UNITS ONLY

*S7 – S12 EXIST ONLY ON A 12-WIRE ALTERNATOR

GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
E2 TO E3 3 *208VAC
E1 TO E3
E1, E2 OR E3 TO NB = 1 *120VAC

*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES
OUTPUT VOLTAGE
"G" = 120/208VAC 60HZ
OPTION 7 - THREE PHASE SERIES DELTA, CPL CONTROL PANEL, GEARBOX (REVERSE ROTATION)

GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2 = 1 *240VAC
E2 TO E3 = *208VAC
E1 TO E3 = 120VAC
E1-NB OR E3-NB = *120VAC
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES
OUTPUT VOLTAGE
*S = 120/240VAC 60HZ

LEGEND
AR = ALTERNATOR ROTOR
AS = ALTERNATOR STATOR
BA = BRUSH ASSEMBLY
EF = EXCITER FIELD
MLCB = MAIN LINE CIRCUIT BREAKER
NB = NEUTRAL BLOCK
TB = TERMINAL BLOCK

NOTE: USED WITH GS.BL UNITS ONLY