OPTION 1 - SINGLE PHASE, CPL CONTROL PANEL

DIRECT

AR | BA
---|---
1  (BLACK) | 4  (RED)

BRUSHLESS

EF

1  (BLACK) | 4  (RED)

MLCB

E1 | E2 | E3

NB

TB

1  | 11
---|---
44 | 44

TB1

1  | 1
---|---
44 | 4

NOTE: USED WITH G4.6L & G6.8L UNITS ONLY

DIRECT DRIVE

OR

GEAR BOX

DRIVE

AS

AS

NB

22

33

LEGEND

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

GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2  =  240VAC OR 220VAC
E1 TO NB  =  *120VAC 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

NB

*S1

*S3

S1

S3

TB

S1 | S1
---|---
S3 | S3

TB1

1  | 1
---|---
4  | 4

S1

S3

S1

S3

S1

S3

*S7

*S9

*S11

*S12

*S7

*S9

*S11

*S12

GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2  =  120//208VAC
E2 TO E3  =  *208VAC
E1 TO E3  =  *

E1, E2 OR E3 TO NB = *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)

DIRECT

AR

BA

1 (BLACK)

4 (RED)

BRUSHLESS

EF

1 (BLACK)

4 (RED)

MLCB

E1 E2 E3

NB

NOTE: USED WITH GS.BL UNITS ONLY

GENERATOR OUTPUT CUSTOMER CONNECTIONS

E1 TO E2 = 480VAC
E1 TO E3 = 240VAC
E2 TO E3 = 208VAC
E1–NB OR E3–NB = 120VAC

*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE

"J" = 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