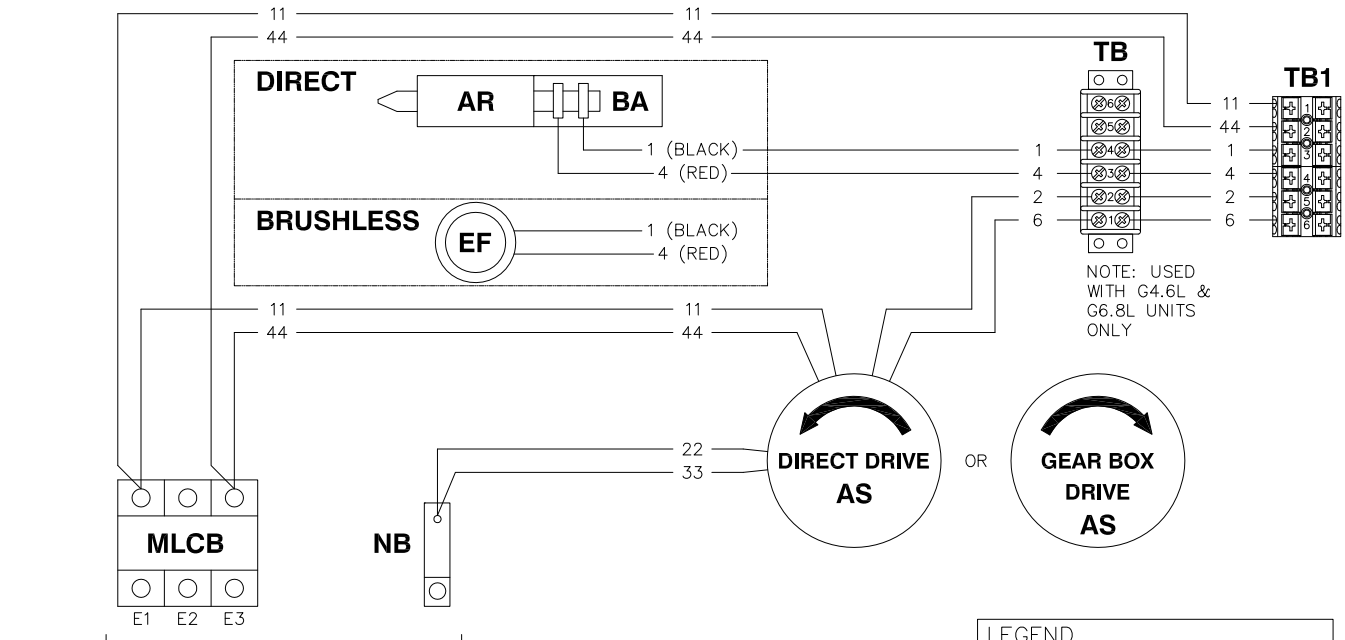
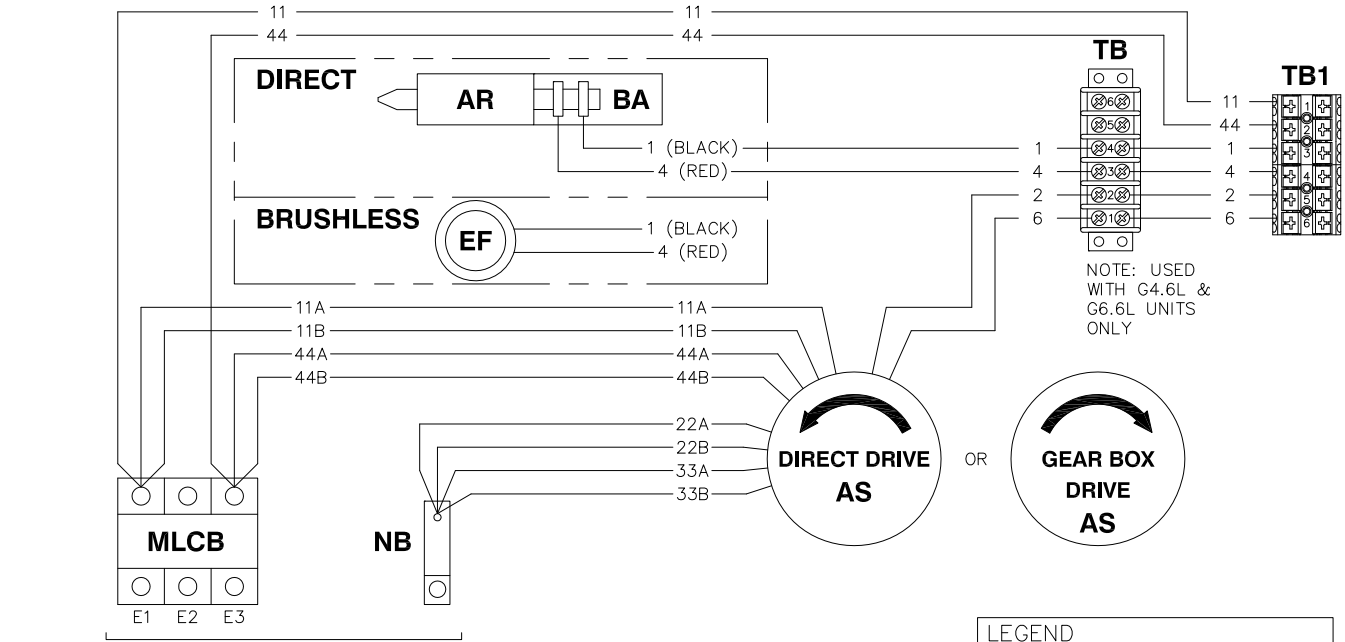
OPTION 1 - SINGLE PHASE, CPL CONTROL PANEL (A/M)



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 1Ø
"M" = 110/220VAC 50HZ 1Ø

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

OPTION 2 - SINGLE PHASE, CPL CONTROL PANEL 8-WIRE (A/M)



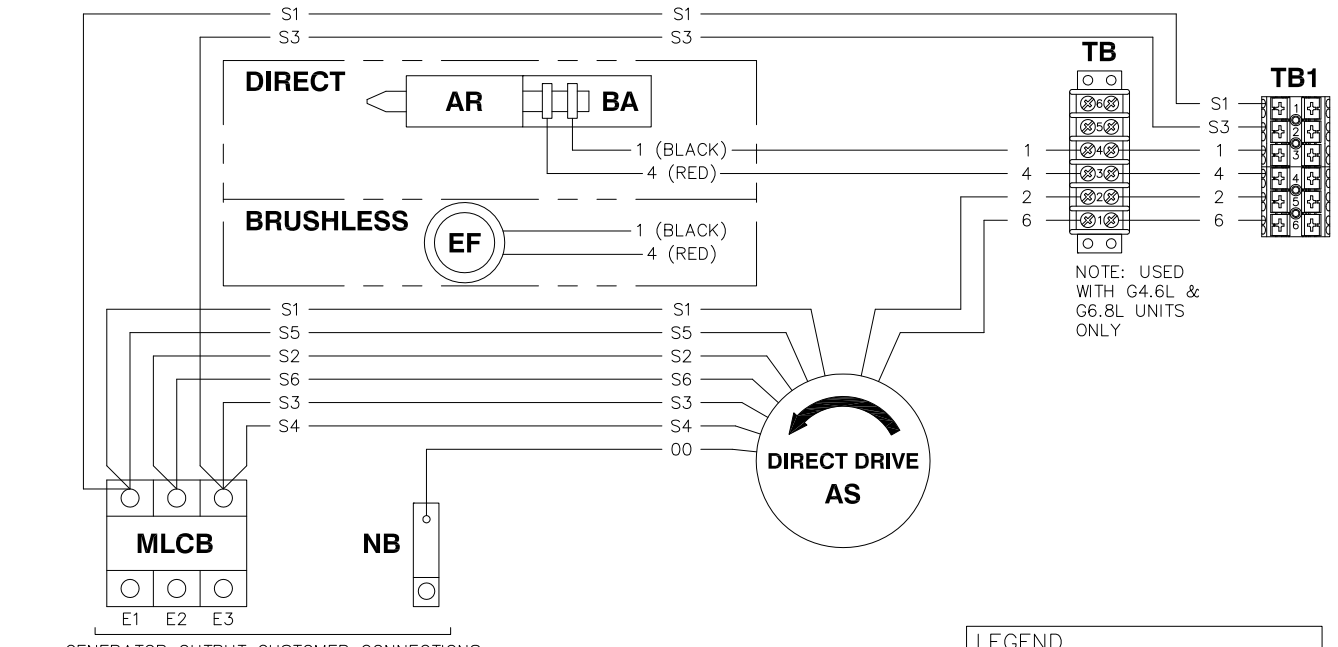
GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2] *240VAC OR 220VAC
E1 TO NB] *120VAC OR 110VAC
E2 TO NB]
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE
"A" = 120/240VAC 60HZ 1Ø
"M" = 110/220VAC 50HZ 1Ø

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

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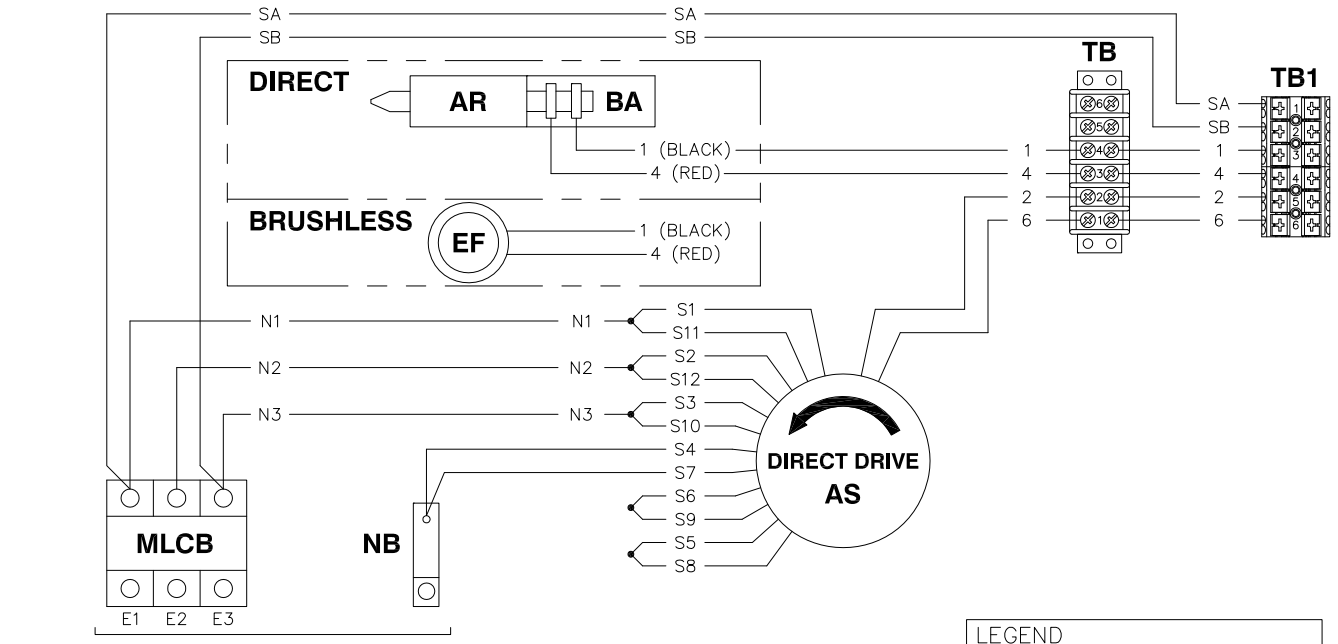
OPTION 3 - THREE PHASE DELTA, CPL CONTROL PANEL, DIRECT DRIVE 7-WIRE 120/240V (J)



GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
E2 TO E3 *240VAC
E1 TO E3
E2–NB = *208VAC
E1 OR E3 TO NB = *120VAC
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE
"J" = 120/240VAC 60HZ 3Ø

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

OPTION 4 - THREE PHASE SERIES DELTA, CPL CONTROL PANEL, DIRECT DRIVE 12-WIRE 120/240V (J)



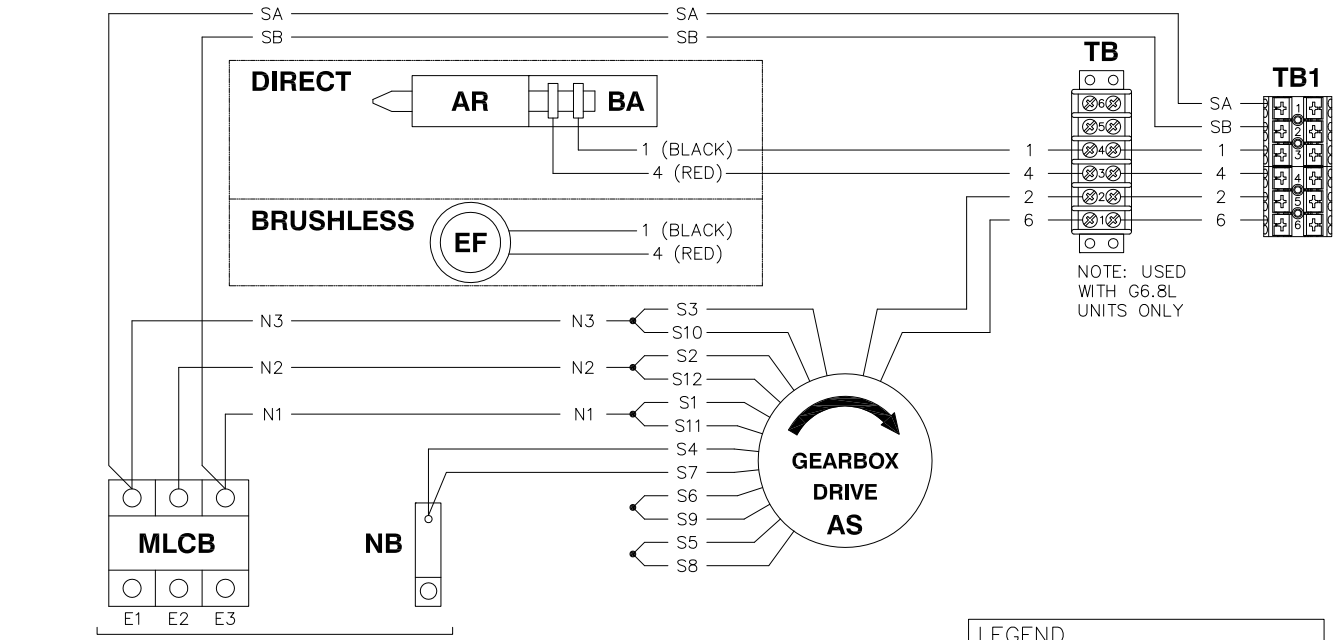
GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
E2 TO E3 *240VAC
E1 TO E3
E2–NB = *208VAC
E1–NB OR E3–NB = *120VAC
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE
"J" = 120/240VAC 60HZ 3Ø

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

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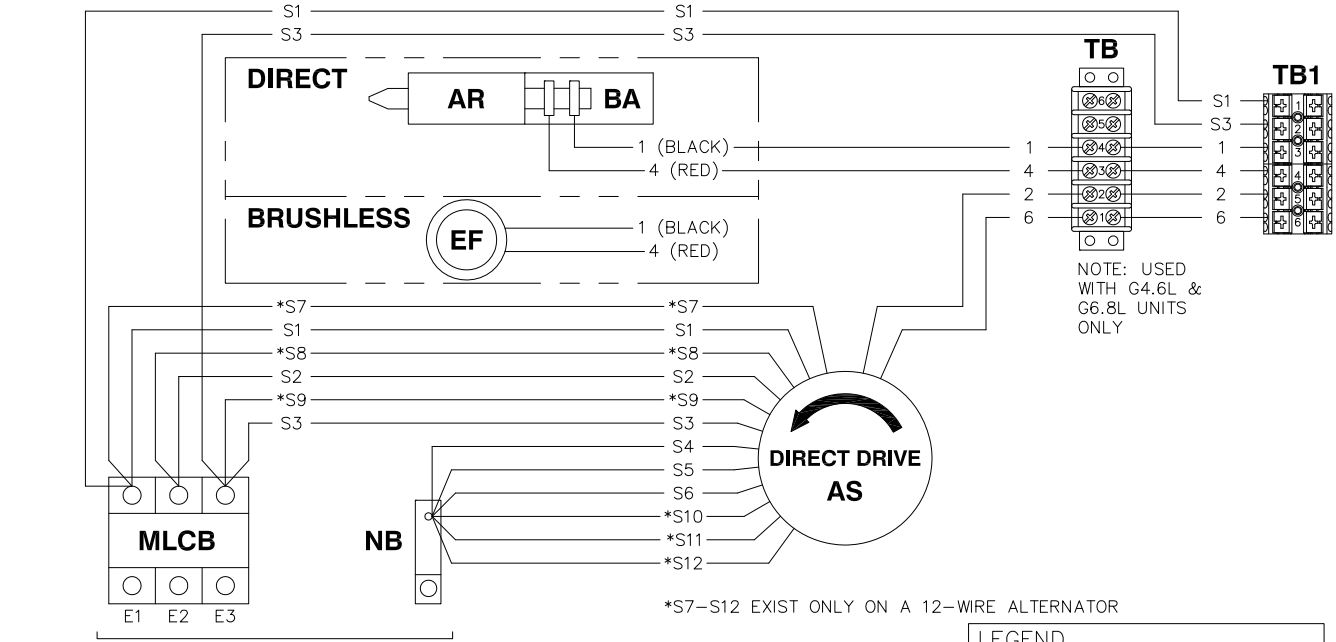
OPTION 5 - THREE PHASE SERIES DELTA, CPL CONTROL PANEL, GEARBOX (REVERSE ROTATION),120/240V (J)



GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
E2 TO E3 *240VAC
E1 TO E3
E2–NB = *208VAC
E1–NB OR E3–NB = *120VAC
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE
"J" = 120/240VAC 60HZ 3Ø

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

OPTION 6 - THREE PHASE, CPL CONTROL PANEL, DIRECT DRIVE 120/208V (G)



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

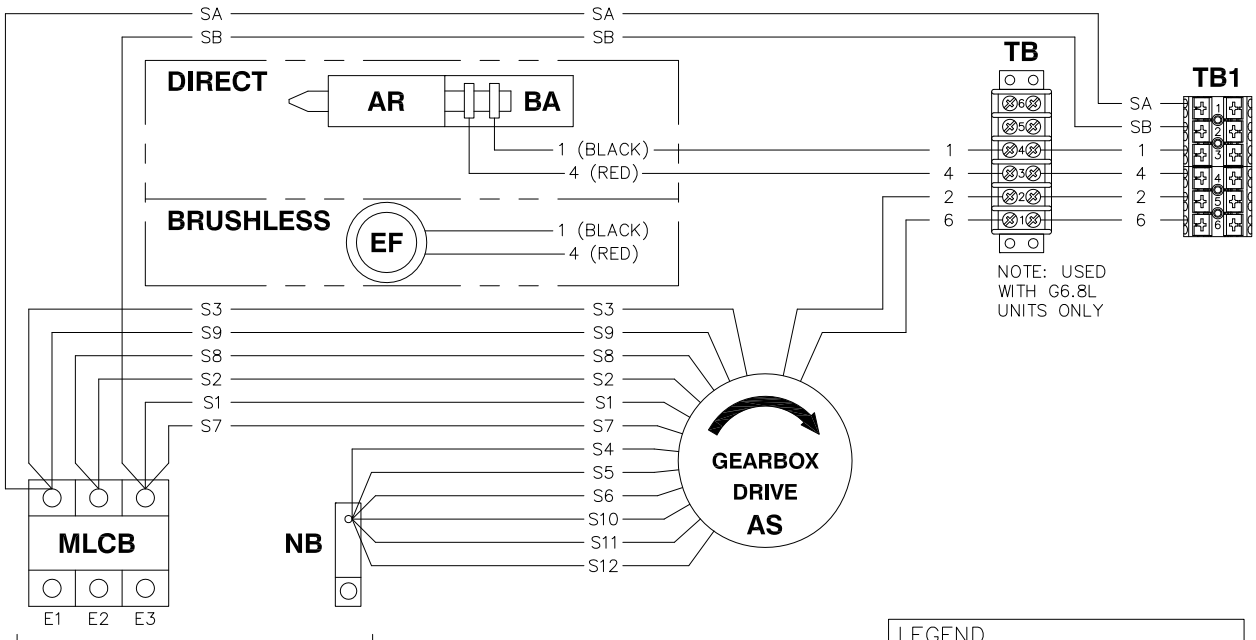
GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
E2 TO E3 *208VAC
E1 TO E3
E1, E2 OR E3 TO NB = *120VAC
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE
"G" = 120/208VAC 60HZ 3Ø

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

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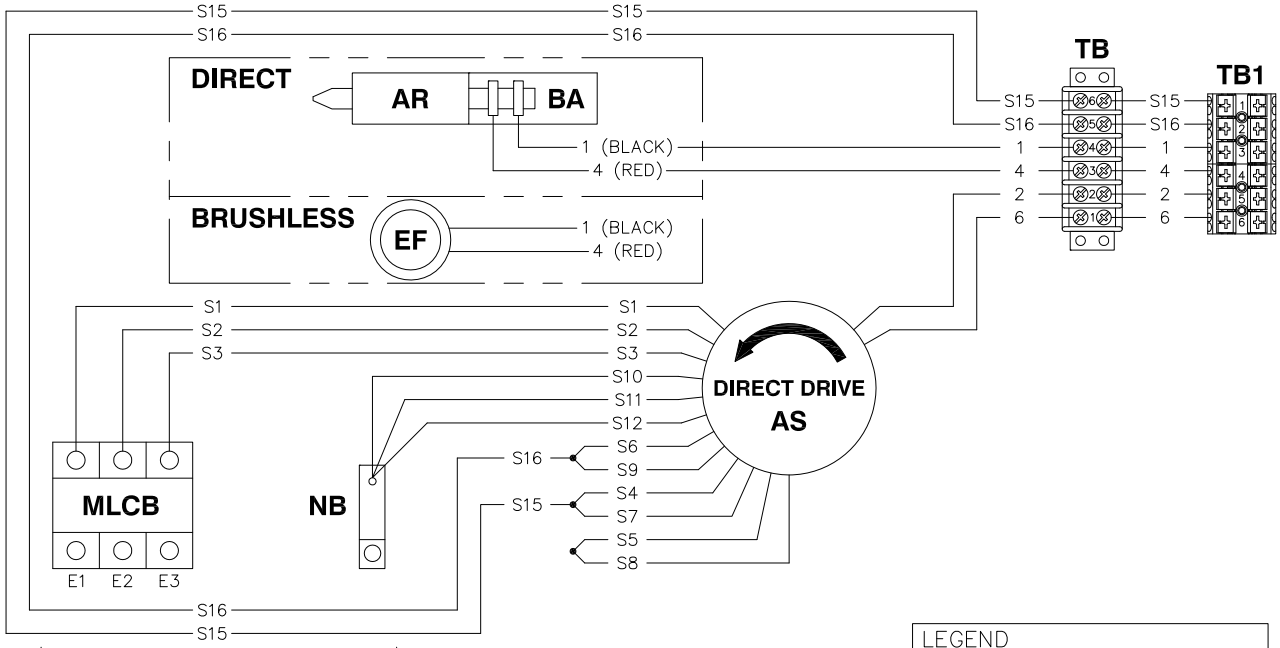
OPTION 7 - THREE PHASE, CPL CONTROL PANEL, GEARBOX (REVERSE ROTATION), 120/208V (G)



GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
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 3ø

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

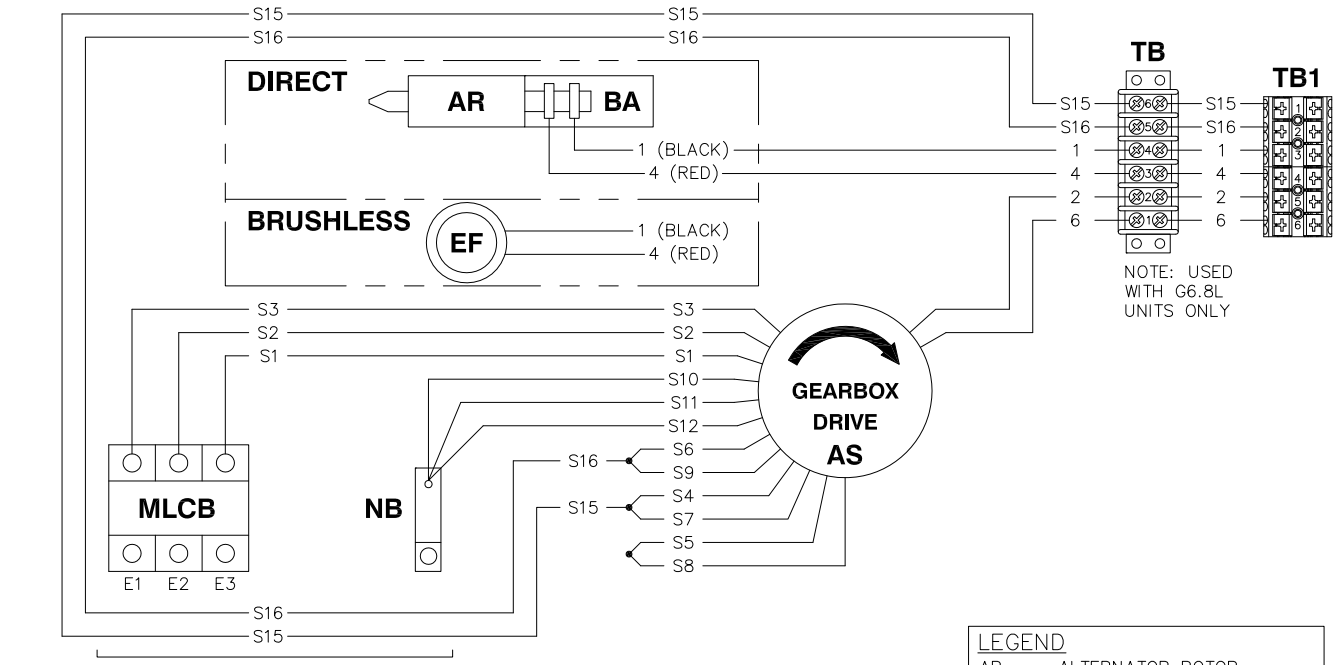
OPTION 8 - THREE PHASE, CPL CONTROL PANEL, DIRECT DRIVE 12-WIRE 277/480V (K)



GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
E2 TO E3 *480VAC
E1 TO E3
E1, E2 OR E3 TO NB = *277VAC
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE
"K" = 277/480VAC 60HZ 3ø

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

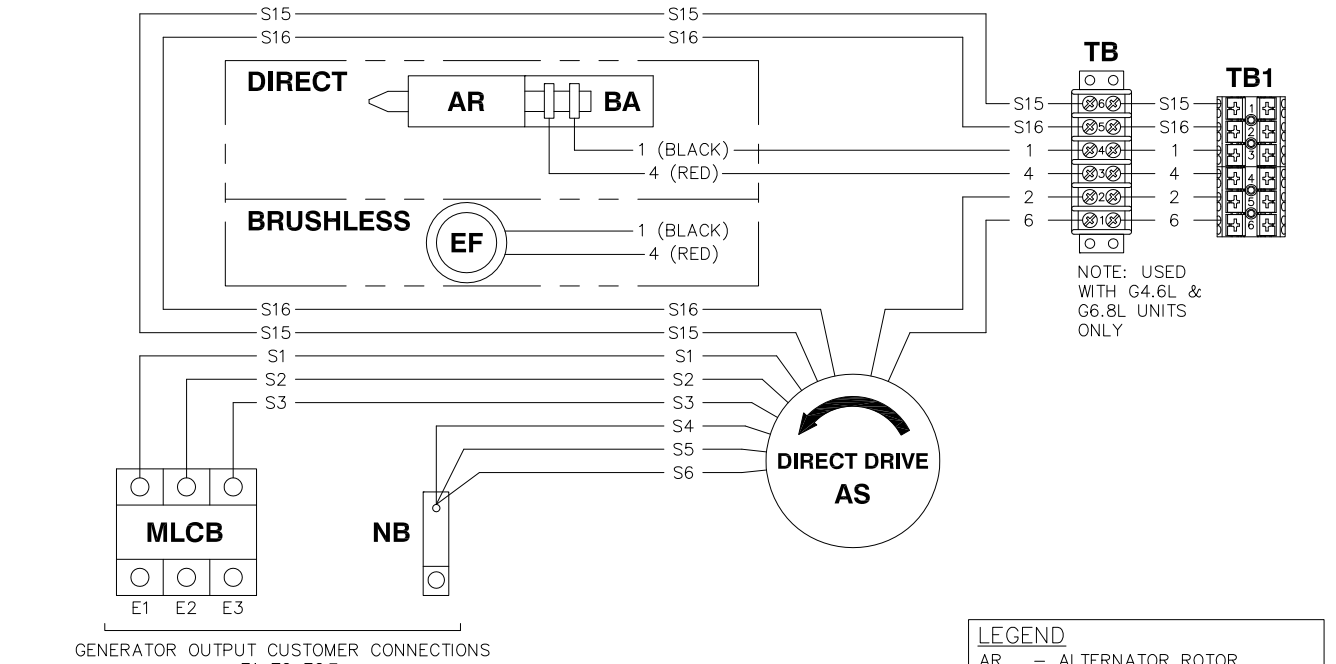
OPTION 9 - THREE PHASE, CPL CONTROL PANEL, GEARBOX (REVERSE ROTATION), 277/480V (K)



GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
E2 TO E3 *480VAC
E1 TO E3
E1, E2 OR E3 TO NB = *277VAC
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE
"K" = 277/480VAC 60HZ 3Ø

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

OPTION 10 - THREE PHASE, CPL CONTROL PANEL, DIRECT DRIVE 6-WIRE 277/480V (K/R)



GENERATOR OUTPUT CUSTOMER CONNECTIONS
E1 TO E2
E2 TO E3 *480VAC OR *400VAC
E1 TO E3
E1, E2 OR E3 TO NB = *277VAC OR *231VAC
*NOTE: THE 8TH DIGIT OF THE MODEL NUMBER SPECIFIES OUTPUT VOLTAGE
"K" = 277/480VAC 60HZ 3Ø
"R" = 231/400VAC 50HZ 3Ø

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

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