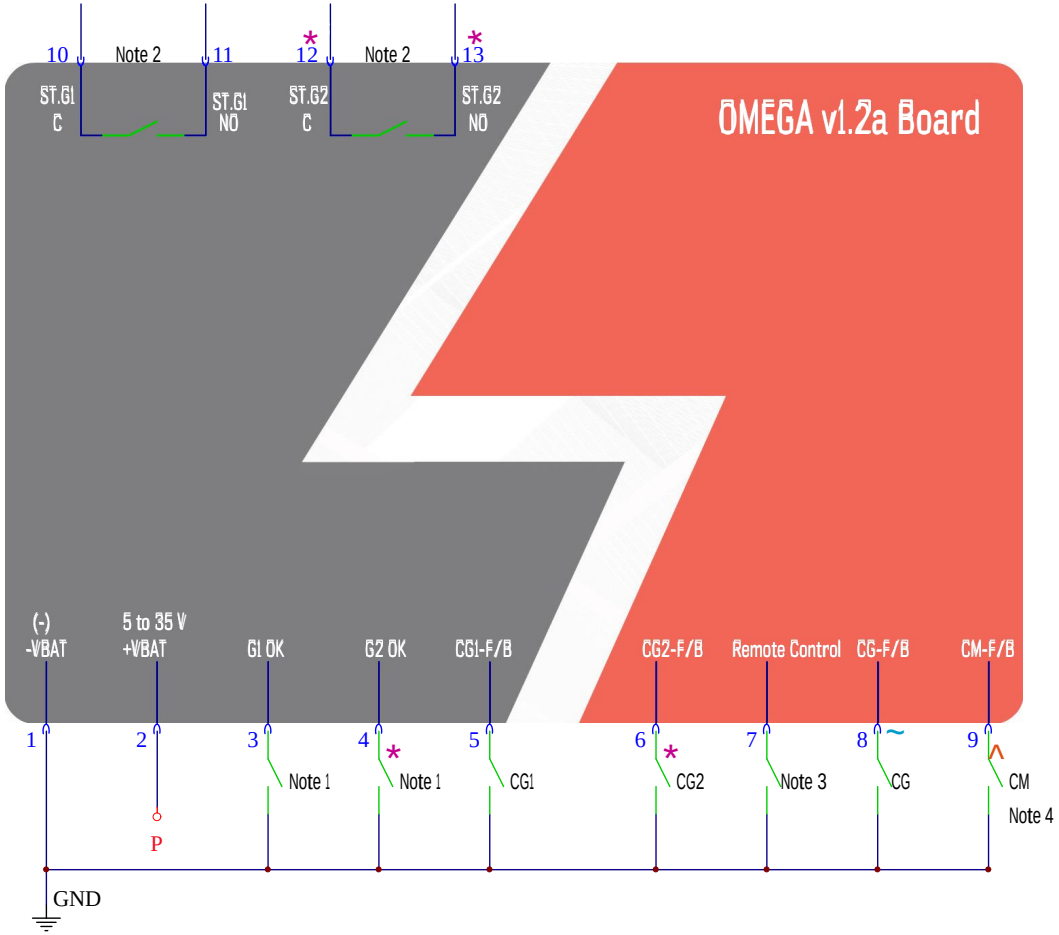
DC Inputs



Note 1: External contact supplied from the autostart of the genset:
Contact closed: Genset is running & ready to supply the load (no need for warm-up delay).
Contact open: Genset has a fault or cannot supply the load.

Note 2: Should be connected to the remote control terminals of the autostart of the genset.
Contact closed: Genset should start (no need for response delay).
Contact open: Genset should shutdown (no need for cooling delay).

Note 3: This pin can be used when the remote control (R.C.) is set to "Gensets Rdy" or "U Present".

Note 4: This input can be used as Remote Control when the installation type is set to GG installation and the R.C. is set to "v1.0 Compt."

ATS12a Wiring

*Not connected in MG installation

^Not connected in GG installation

~Connected only in MGG installation

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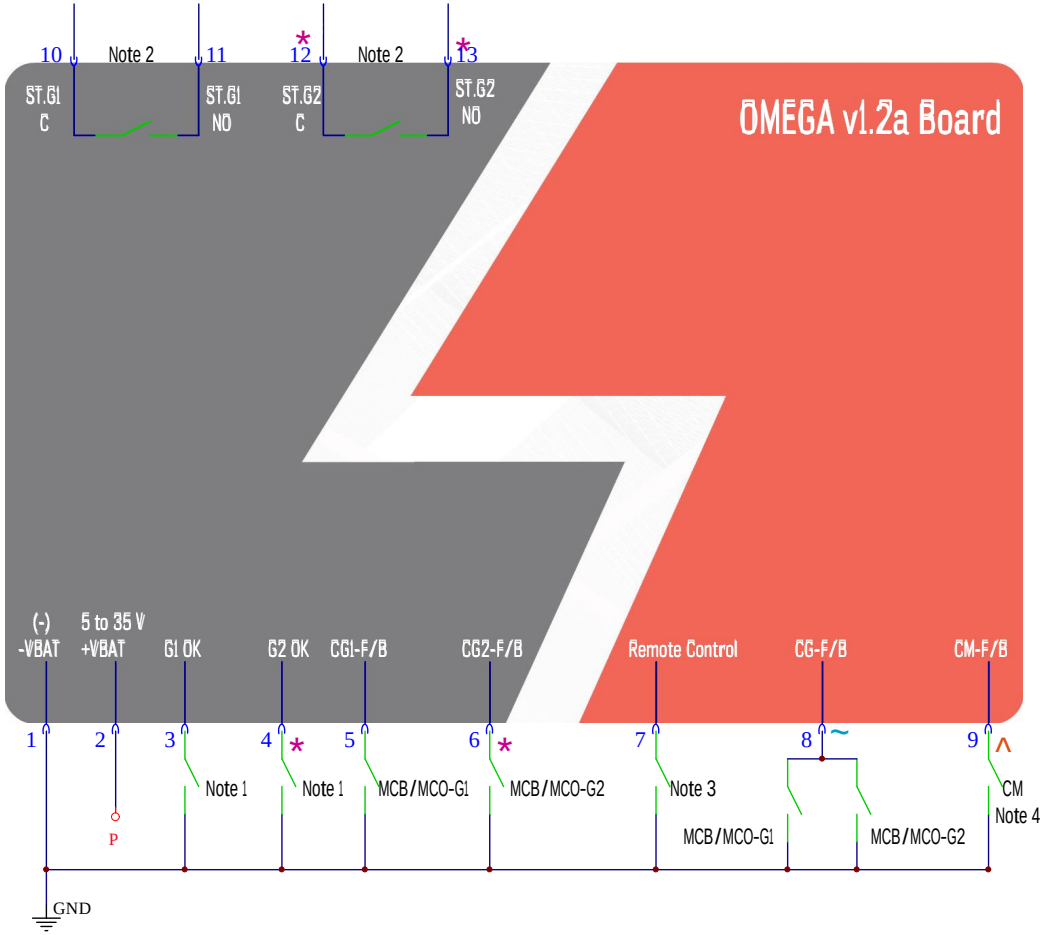
ATS12b WIRING DIAG:
DC Input/Output

Size	FCSM No.	DWG No.	Rev
B	-	ATS12a.Sch	1

Scale		Sheet
-		1 of 5

DC Inputs with MCB/MCO



Note 1: External contact supplied from the autostart of the genset:
Contact closed: Genset is running & ready to supply the load (no need for warm-up delay).
Contact open: Genset has a fault or cannot supply the load.

Note 2: Should be connected to the remote control terminals of the autostart of the genset.
Contact closed: Genset should start (no need for response delay).
Contact open: Genset should shutdown (no need for cooling delay).

Note 3: This pin can be used when the remote control (R.C.) is set to "Gensets Rdy" or "U Present".

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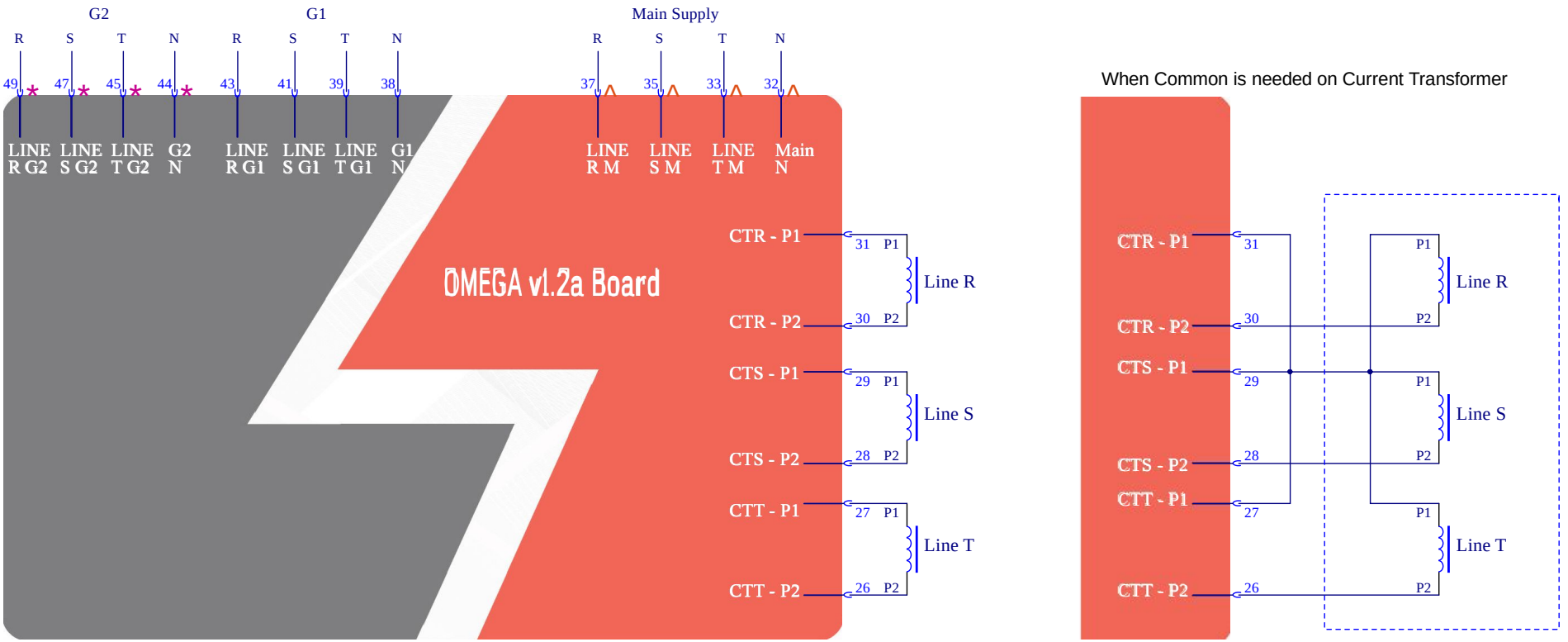
ATS12b WIRING DIAG:
DC Input/Output with MCB/MCO

Size	FCSM No.	DWG No.	Rev
B	-	ATS12a.Sch	1

Scale	Sheet
-	2 of 5

AC Inputs



ATS12a Wiring

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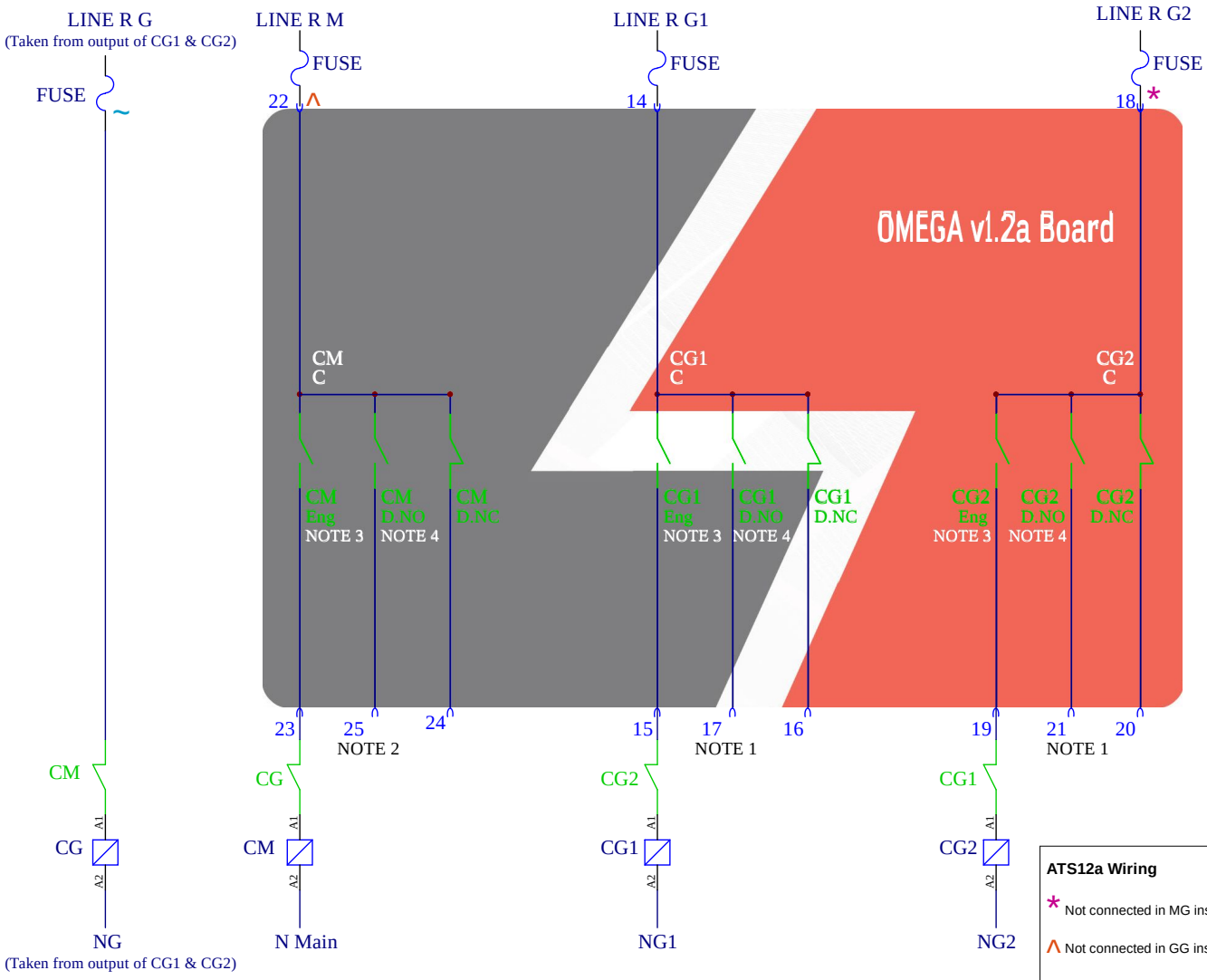
ATS12b WIRING DIAG:
AC Inputs

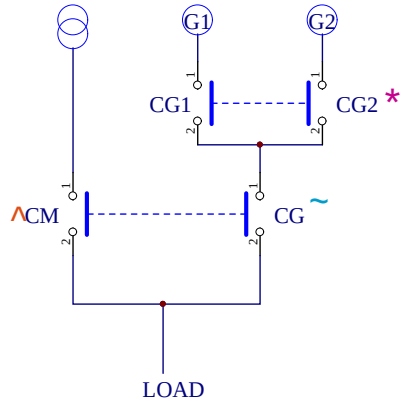
Size	FCSM No.	DWG No.	Rev
B	-	ATS12a.Sch	1

Scale	Sheet
-	3 of 5

AC OUTPUTS with Contactors



Single line diagram



Note 1: Used as an alarm output if fault exists on G1 or G2 in case contactors are used for the transfer switch

Note 2: Used as an alarm output if utility is absent in case contactors are used for the transfer switch

Note 3: For use with motorized circuit breaker to engage it.

Note 4: For use with motorized circuit breaker to disengage it.

- This wiring diagram is for 4-poles contactors.
- 3-poles contactors can be used if it is acceptable to connect the neutrals of the Mains, G1 & G2 together.

ATS12a Wiring

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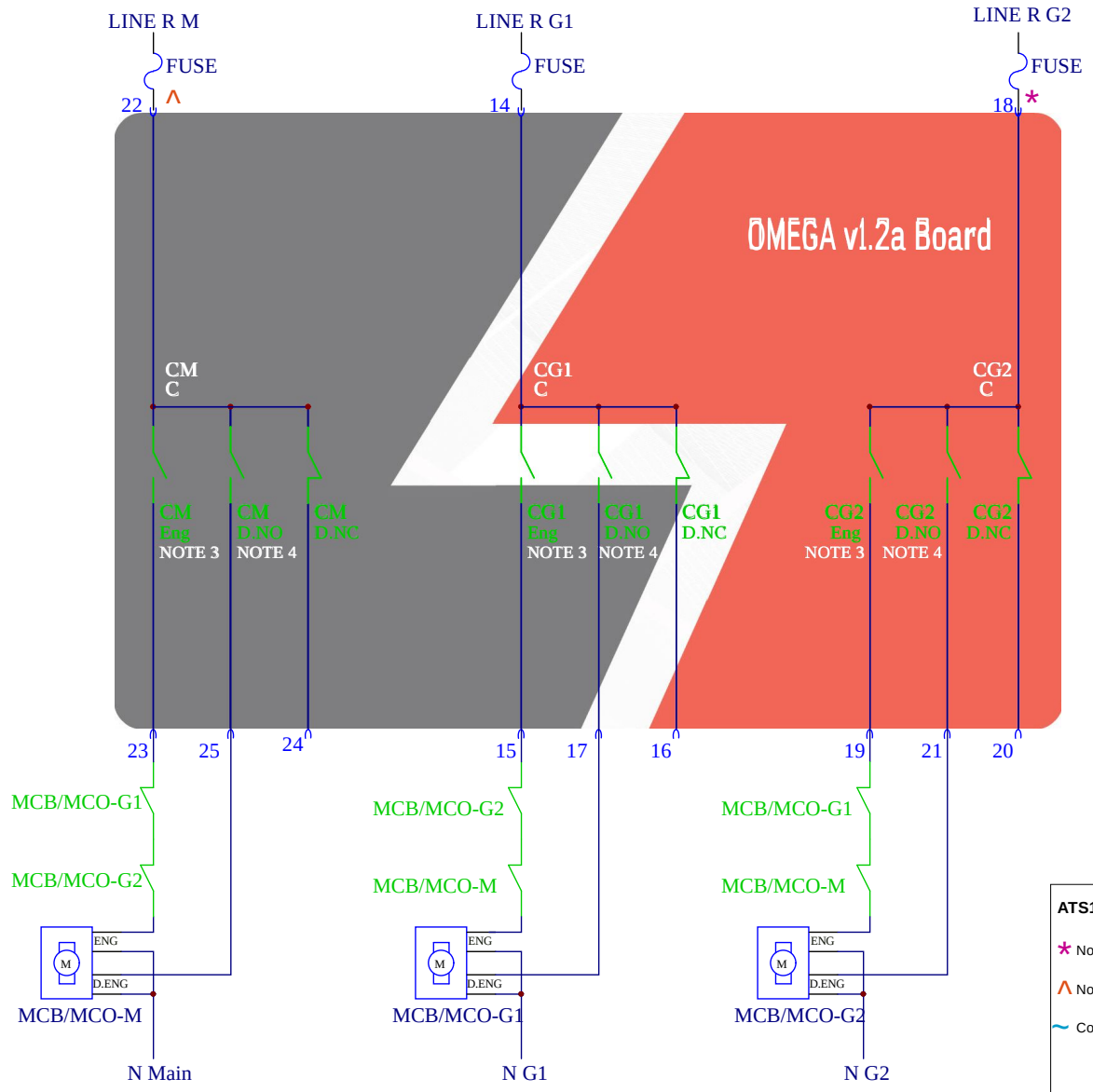
ATS12b WIRING DIAG:
AC Outputs with Contactors

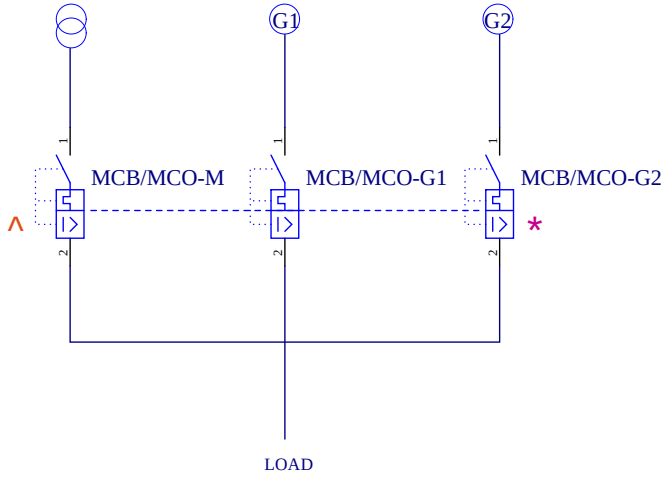
Size	FCSM No.	DWG No.	Rev
B	-	ATS12a.Sch	1

Scale		Sheet
-		4 of 5

AC OUTPUTS with MCB/MCO



Single line diagram



ATS12a Wiring

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ATS12b WIRING DIAG:
AC Outputs with MCB/MCO

Size	FCSM No.	DWG No.	Rev
B	-	ATS12a.Sch	1

Scale		Sheet
-		5 of 5