

MODEL: VDA-4A9 G4, VDA-5A9 G4



ELECTRICAL CIRCUIT DIAGRAM
MODEL : VDA-4/5A9 G4

DWG TITLE : EP-VDA-4/5A9-G4

REV	DRAWN	CHECKED	REL. DATE	REMARK
A	INDRA W	INDRA S	2023-12-29	Initial Release

NO	COLOR	AWG
1	Brown	14
2	Blue	14
3	G/Y	14
4	Brown	14
5	Blue	14
6	G/Y	14
7	Brown	16
8	Blue	16
9	G/Y	16
10	Red	18
11	Black	18
12	Brown	16
13	Brown	16
14	G/Y	16
15	Red	18
16	Black	18
17	Red	18
18	Black	18
19	Brown	14
20	Brown	14
21	Blue	14
22	G/Y	14
23	Black	18

LED Lighting

NO	COLOR	AWG
107	Black	18
108	White	18
110	Red	18
111	Blue	18
112	Red	18
113	Blue	18
114	Purple	18
115	Gray	18

UV Ballast

NO	COLOR	AWG
161	Black	18
162	White	18
164	Red	18
165	Yellow	18
173	Red	18
174	Red	18
175	Blue	18
176	Blue	18

Socket Outlet

NO	COLOR	AWG
191	Brown	16
192	Blue	16
193	G/Y	16
194	Brown	16
195	Blue	16
196	G/Y	16
215	Brown	16
216	Blue	16
217	G/Y	16
218	Brown	16
219	Blue	16
220	G/Y	16

Blower

NO	COLOR	AWG
239	Brown	14
240	Blue	14
241	G/Y	14
242	Black	14
247	Red	22
248	White	22
249	Green	22
250	Black	22

Airflow Sensor

NO	COLOR	AWG
283	White	22
284	Black	22
285	Red	22
286	Green	22

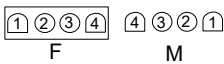
Hydraulic Motor

NO	COLOR	AWG
269	Brown	16
270	Blue	16
271	G/Y	16
272	Red	22
273	Green	22
274	Black	22

Connector X6, X9



Connector X5



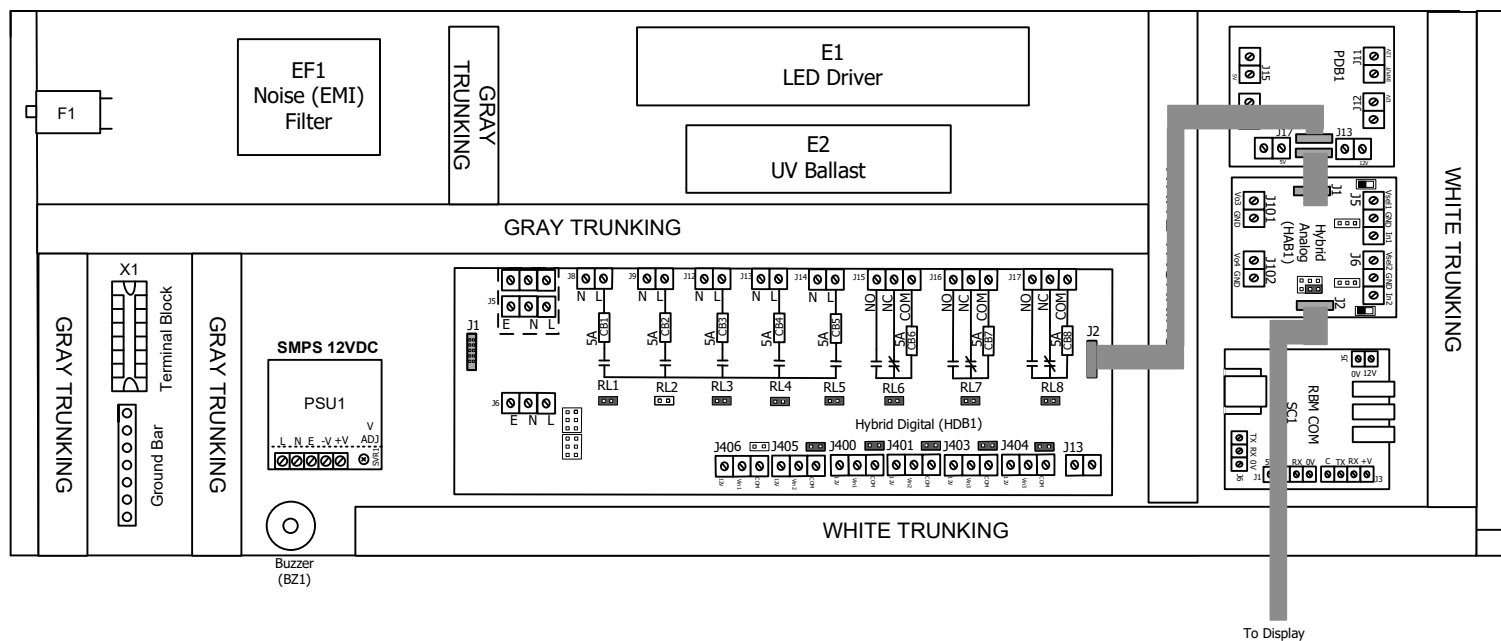
Connector X11, X12



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Legend :

Jumper

No Jumper

Ribbon Flex Cable with Connector

Ribbon Flex Cable

I2C Termination

Selector Switch

White Trunking for DC line

Gray Trunking for AC line

ELECTRICAL PANEL LAYOUT



ELECTRICAL CIRCUIT DIAGRAM

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