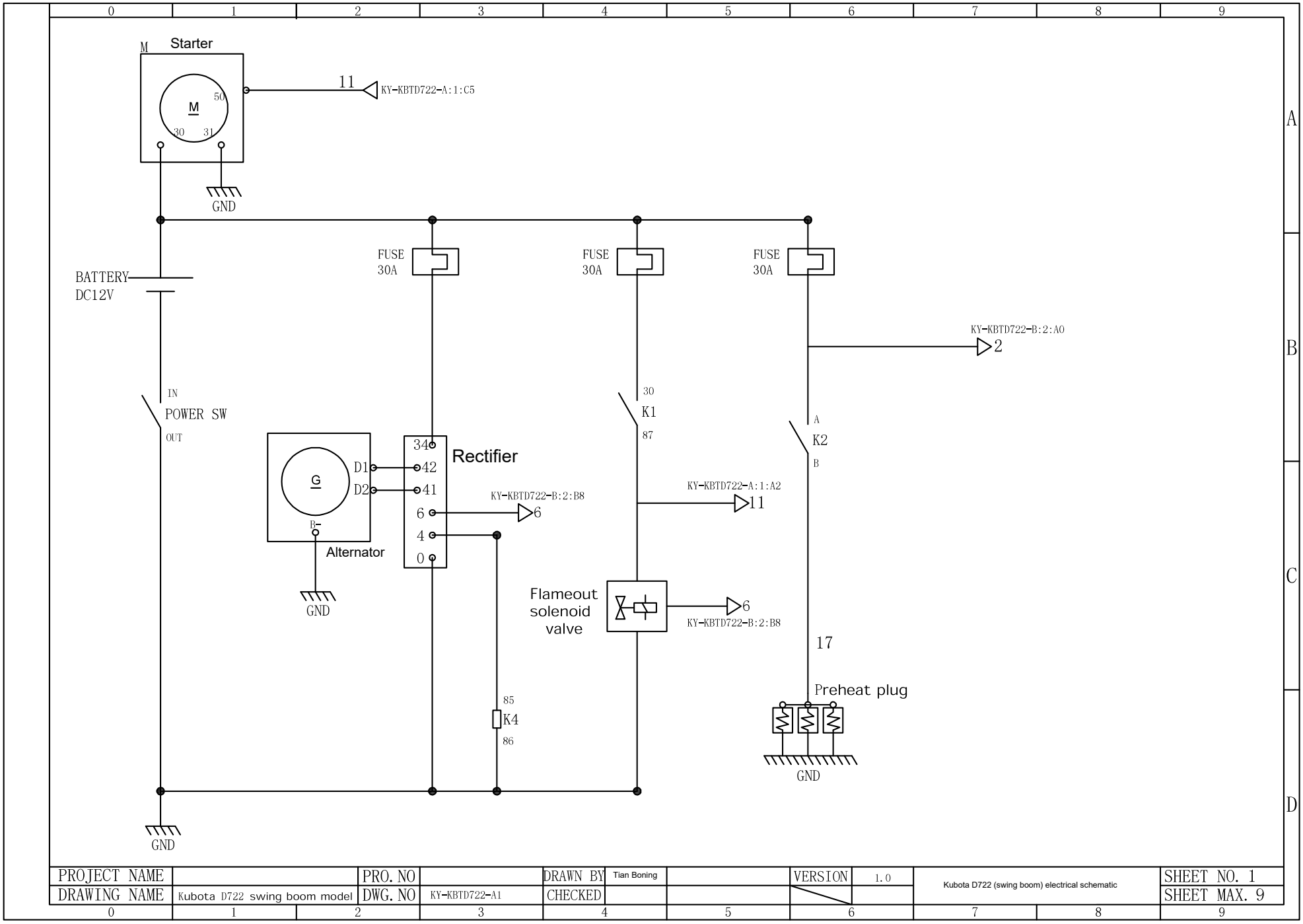
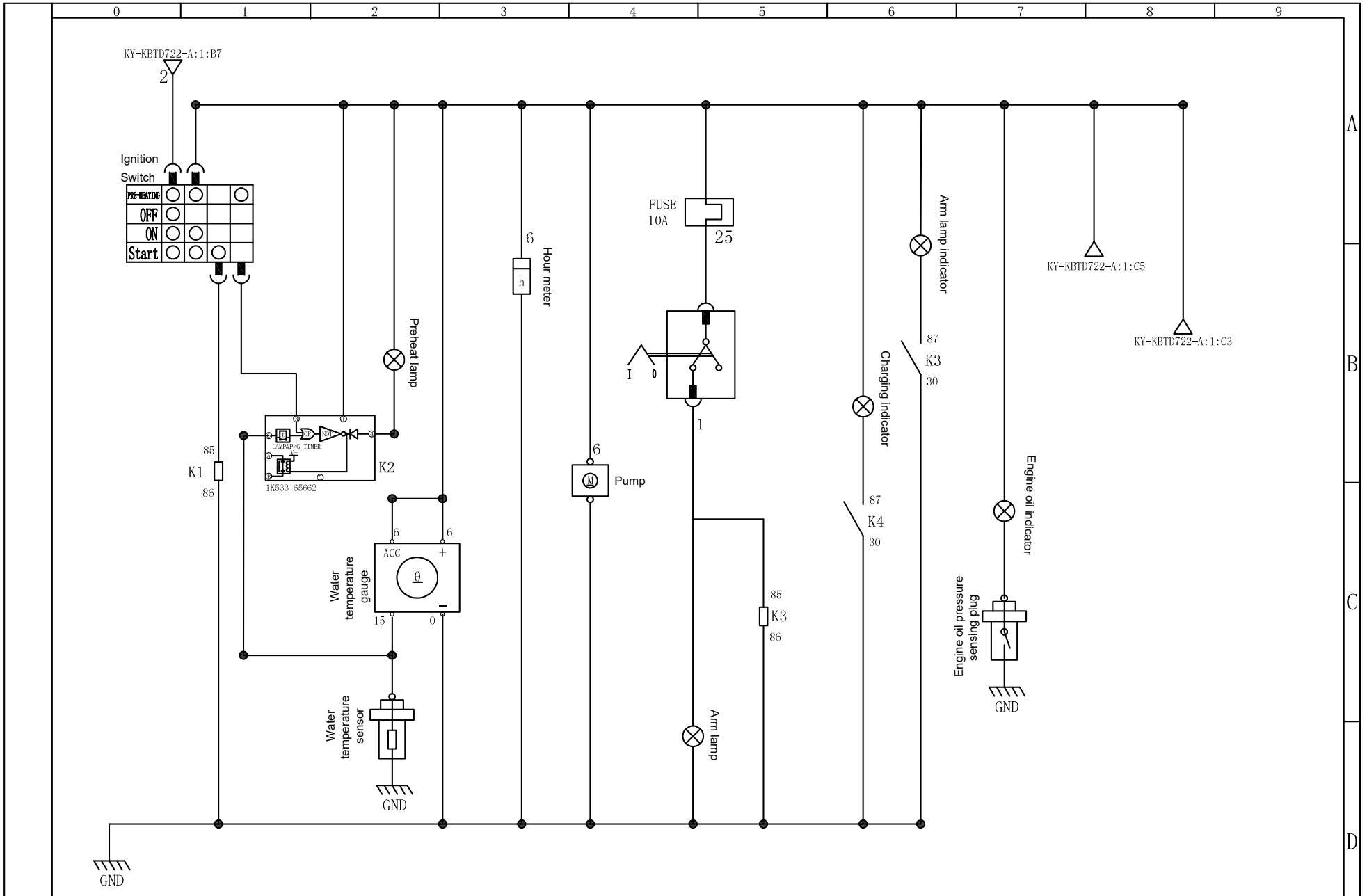


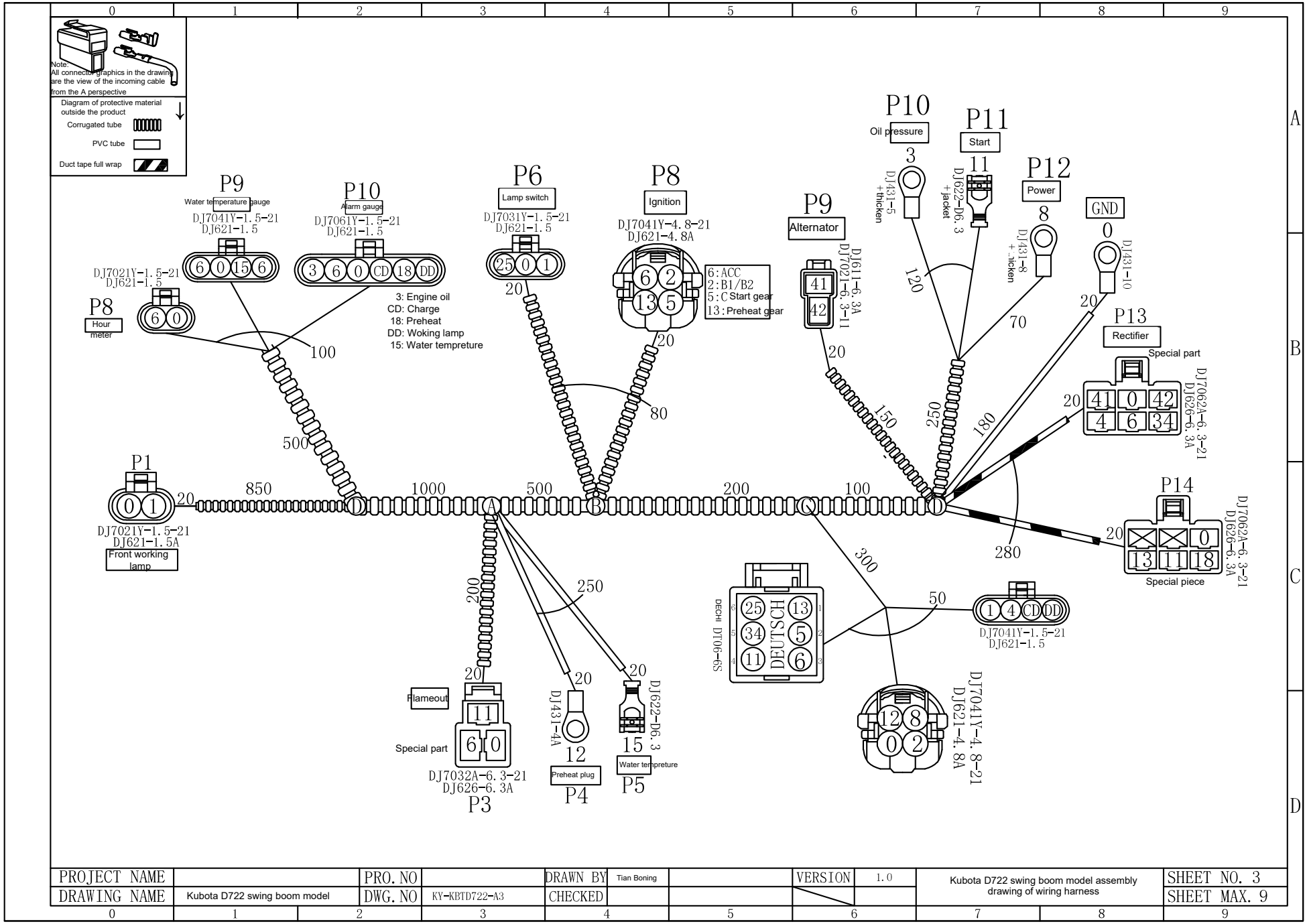
KING 1.3 WIRING DIAGRAM

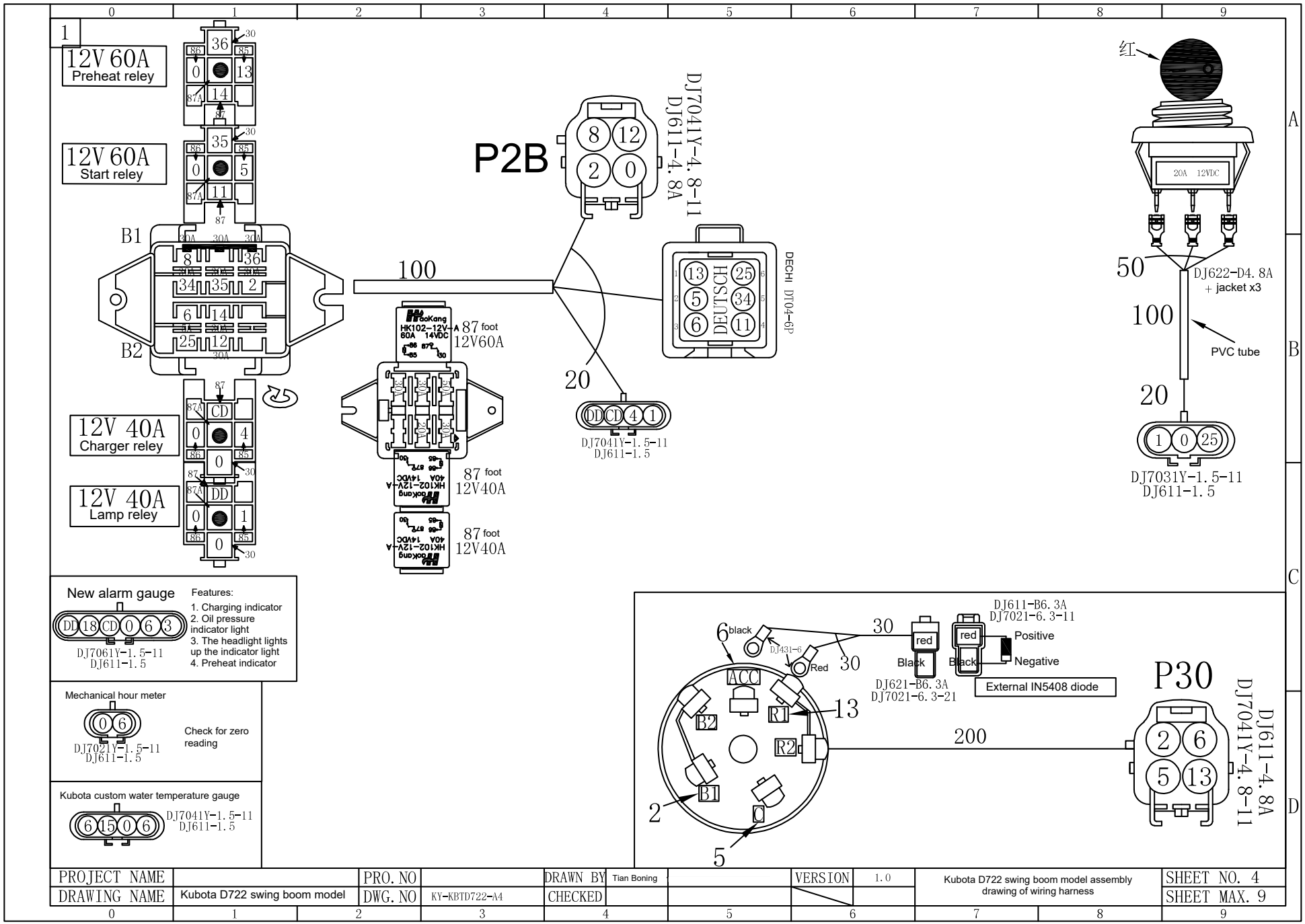


PROJECT NAME		PRO. NO		DRAWN BY	Tian Boning		VERSION	1.0	SHEET NO. 2
DRAWING NAME	Kubota D722 swing boom model	DWG. NO	KY-KBTD722-A2	CHECKED				Kubota D722 (swing boom) electrical schematic	SHEET MAX. 9

KING 1.3 WIRING DIAGRAM

DIGGERKING


Note:
All connector graphics in the drawing are the view of the incoming cable from the A perspective
Diagram of protective material outside the product
Corrugated tube
PVC tube
Duct tape full wrap
P9
Water temperature gauge
DJ7041Y-1.5-21
DJ621-1.5
P10
Alarm gauge
DJ7061Y-1.5-21
DJ621-1.5
P6
Lamp switch
DJ7031Y-1.5-21
DJ621-1.5
P8
Ignition
DJ7041Y-4.8-21
DJ621-4.8A
6:ACC
2:B1/B2
5:C Start gear
13:Preheat gear
P9
Alternator
DJ611-6.3A
DJ7021-6.3-11
P10
Oil pressure
DJ431-5
+thicken
P11
Start
DJ622-D6.3
+jacket
P12
Power
DJ431-8
+thicken
GND
DJ431-10
P13
Rectifier
Special part
DJ7062A-6.3-21
DJ626-6.3A
P8
Hour meter
DJ7021Y-1.5-21
DJ621-1.5
3: Engine oil
CD: Charge
18: Preheat
DD: Woking lamp
15: Water tempreture
P1
DJ7021Y-1.5-21
DJ621-1.5A
Front working lamp
P14
Special piece
DJ7062A-6.3-21
DJ626-6.3A
DEUTSCH
DECHI DT06-6S
DJ7041Y-1.5-21
DJ621-1.5
DJ7041Y-4.8-21
DJ621-4.8A
Flameout
Special part
DJ7032A-6.3-21
DJ626-6.3A
P3
DJ431-4A
Preheat plug
P4
DJ622-D6.3
Water tempreture
P5
A
B
C
D
100
500
80
20
150
250
180
70
120
280
300
50
850
1000
500
200
100
20
250
200
20
20
20



PROJECT NAME		PRO. NO		DRAWN BY	Tian Boning		VERSION	1.0	Kubota D722 swing boom model assembly drawing of wiring harness	SHEET NO. 4
DRAWING NAME	Kubota D722 swing boom model	DWG. NO	KY-KBTD722-A4	CHECKED						SHEET MAX. 9

KING 1.3 WIRING DIAGRAM

No.	Product	Supplier	Model number	Specifications	Product Description
1	Hour meter	Zhejiang Yeda Auto Parts Co., Ltd.	CS-3	12V Digital hour meter	The working voltage is 9V-32V, the working current is 60mh, the working temperature is -30°C-75°C, and the storage temperature is -40°C-85°C. The product opening size is f 52-53mm. The waterproof rating is IP66.
2	Alarm gauge	DONGGUAN YICHUANG	PDA-BN-4LED	12V electronic alarm meter	The working voltage is 9V-32V, the working current is 60mh, the working temperature is -30°C-75°C, and the storage temperature is -40°C-85°C. The functions are: headlight promt, preheat prompt, charging status prompt, oil pressure prompt. The waterproof rating is IP66.
3	Water tempreture gauge	DONGGUAN YICHUANG	CET-BN-40-105	12V digital water temperature meter	The working voltage is 9V-32V, the working current is 60mh, the working temperature is -30°C-75°C, and the storage temperature is -40°C-85°C. The product opening size is f 52-53mm. The waterproof rating is IP66.
4	Ignition switch	Ruian Yarui Auto Electric Co., Ltd.	JK406C	JK406C ignition switch	DC12-72V, 300A, Off gear, ACC gear, Start gear
5	Fuse box	Henan Hebi Tianfeng Electric Co., Ltd.	FUSE BOX 336	6-way fuse relay box	6 fuse positions (medium fuse), 4 relay positions, with cover.
6	Reley	ZHEJIANG FEILEISI	HH56P	12V40A normally open relay	A normally open contact, DC12V, 40A. The maximum instantaneous current is 60A.
7	Small round light rocker switch	Zhejiang Fulong Electronic Technology Co., Ltd.	KCD2	6A 250VAC/10A 125VAC	Waterproof rocker switch, working voltage value: ≤250V, working current range: 5-15A.

PROJECT NAME		PRO. NO		DRAWN BY	田博宁		VERSION	1.0	Kubota D722 swing boom model Matching accessories table	SHEET NO. 5
DRAWING NAME	Kubota D722 swing boom model	DWG. NO	KY-KBTD722-03-C	CHECKED						SHEET MAX. 9

KING 1.3 WIRING DIAGRAM

DIGGERKING

No	Terminal model	Supplier	Quantity	Connector model	Supplier	Quantity
1	1062-16-0122	Yueqing Fenfa Auto Parts	6	DT06-6S	Yueqing Fenfa Auto Parts	1
2	1060-16-0122	HEBI OUPAIKE	6	DT04-6P	Yueqing Fenfa Auto Parts	1
3	DJ611-1.5	HEBI OUPAIKE	2	DJ7021Y-1.5-11	HEBI OUPAIKE	1
4	DJ621-1.5	HEBI OUPAIKE	4	DJ7021Y-1.5-21	HEBI OUPAIKE	2
5	DJ611-1.5	HEBI OUPAIKE	8	DJ7041Y-1.5-11	HEBI OUPAIKE	1
6	DJ621-1.5	HEBI OUPAIKE	8	DJ7041Y-1.5-21	HEBI OUPAIKE	2
7	DJ611-1.5	HEBI OUPAIKE	6	DJ7061Y-1.5-11	HEBI OUPAIKE	1
8	DJ621-1.5	HEBI OUPAIKE	6	DJ7061Y-1.5-21	HEBI OUPAIKE	1
9	DJ626-6.3A	HEBI OUPAIKE	3	DJ7032A-6.3-21	HEBI OUPAIKE	1
10	DJ626-6.3A	HEBI OUPAIKE	6	DJ7062A-6.3-21	HEBI OUPAIKE	1
11	DJ611-4.8	HEBI OUPAIKE	8	DJ7041Y-4.8-11	HEBI OUPAIKE	2
12	DJ621-4.8	HEBI OUPAIKE	8	DJ7041Y-4.8-21	HEBI OUPAIKE	2
13	DJ6226-6.3B	HEBI OUPAIKE	2	DJ70253-6.3-21	HEBI OUPAIKE	1
14	DJ627A-7.8C	HEBI OUPAIKE	2	DJ7028B-7.8-21	HEBI OUPAIKE	1
15	DJ621-G2*0.6A	HEBI OUPAIKE	6	DJ7065-2.2-21	HEBI OUPAIKE	1
16	DJ621-2.2	HEBI OUPAIKE	6	DJ7064-2.2-21	HEBI OUPAIKE	1
17	DJ431-10	HEBI OUPAIKE	1	DJ431-8	HEBI OUPAIKE	1
18	DJ221-4A	HEBI OUPAIKE	2	DJ431-4A	HEBI OUPAIKE	1
19	DJ622-D6.3	HEBI OUPAIKE	6	DJ431-5	HEBI OUPAIKE	1

PROJECT NAME		PRO. NO		DRAWN BY	Tian Boning		VERSION	1.0	SHEET NO. 6
DRAWING NAME	Kubota D722 swing boom model	DWG. NO	KY-KBTD722-03-C	CHECKED					SHEET MAX. 9

Kubota D722 swing boom model
Terminal Connector Information table

KING 1.3 WIRING DIAGRAM

No	A Side	Wire No.	Wire color	Square number	B Side	
1	P1-2	1	White	0.75²	P6-3	
2					P17-1	
3	P10-1	3	White	0.75²	P20	
4	P8-1	6	Red	1.5²	P9-1	
5					P9-4	
6					P10-2	
7					P2-1	
8					P3-2	
9					P7-1	
10					P13-5	
11					P15-1	
12					P18A-3	
13	P10-4	CD	Yellow	0.75²	P17A-3	
14	P9-3	15	Light blue	0.75²	P5	
15					P15-6	
16	P4	17	Red	3.0²	P14-1	
17	P6-5	25	Red	1.0²	P18A-6	
18	P10-5	18	White	0.75²	P15-4	
19	P10-6	DD	Blue	0.75²	P17A-4	
20	P3-1	11	Red	1.5²	P11	
21					P18A-4	
22	P7-3	13	Red	1.5²	P18A-3	
23	P7-4	5	Red	2.0²	P18A-2	
24	P19-1	41	Blue	1.0²	P13-1	
25	P7-2	2	Red	3.0²	P14-2	
26					P16A-4	
27	P19-2	42	Blue	1.0²	P13-3	
28	P12	8	Red	3.5²	P16A-2	
29	P13-4	4	Yellow	0.75²	P17A-2	
30	P13-6	34	Red	2.0²	P18A-5	
31	P15-3	12	Red	1.5²	P16A-1	
32	GND	0	Black	1.0²	P13-2	
33					P15-5	
34					P16A-3	
35					P3-3	
36					P2-2	
37					P1-1	
38					P6-2	
39					P8-2	
40					P9-2	
1					P10-3	

PROJECT NAME		PRO. NO		DRAWN BY	Tian Boning		VERSION	1.0	Kubota D722 swing boom model Wire Color Wire Number Table1	SHEET NO. 7
DRAWING NAME	Kubota D722 swing boom model	DWG. NO	KY-KBTD722-03-C	CHECKED						SHEET MAX. 9

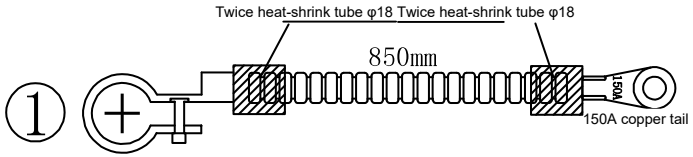
KING 1.3 WIRING DIAGRAM

DIGGERKING

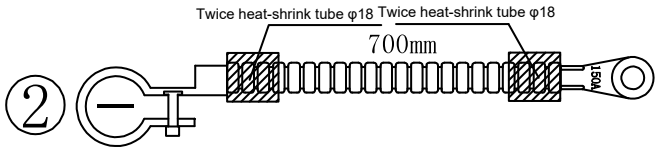
42	P16B-2	12	Red	1.5²	B1-11	
43	P16B-1	8	Red	3.5²	B1-1	
44	P18B-5	34	Red	2.0²	B1-4	
45	P16B-3	2	Red	3.0²	B1-6	
46	P18B-1	4	Red	1.5²	B1-8	
47	P16B-4	0	Black	1.0²	J1-86	
48					J2-86	
49					J2-30	
50					J3-86	
51					J3-30	
52	P17B-3	4	Yellow	0.75²	J2-85	
53	P18B-2	5	Red	2.0²	J1-85	
54	P18B-3	6	Red	1.0²	B1-7	
55	P18B-4	11	Red	1.5²	J1-87	
56	P17B-2	CD	Yellow	0.75²	J2-87	
57	P18B-6	25	Red	1.0²	B1-10	
58	J1-30	35	Red	2.0²	B1-5	
59	P17B-1	DD	Blue	0.75²	J3-87	
60	P17B-4	1	White	0.75²	J3-85	
61	P29-1	1	White	0.75²	P27-1	
62	P29-2	0	Black	0.75²	P27-2	
63	P29-3	25	Red	1.0²	P27-3	
64	P26-1	6	Red	0.75²	P28-2	
65	P26-12	15	Light blue	0.75²	P28-3	
66	P26-3	0	Black	0.75²	P28-4	
67	P26-4	6	Red	0.75²	P28-5	
68	P30-1	2	Red	3.0²	P31-2	
69	P30-2	6	Red	1.5²	P32-1	
70	P30-3	5	Red	2.0²	P32-2	
71	P30-4	13	Red	1.5²	P32-3	
72	P31-4	6	Red	0.75²	P32-4	
73	P33		Red	1.5²	P34	
74	P34		Black	1.5²	P35	

PROJECT NAME		PRO. NO		DRAWN BY	Tian Boning		VERSION	1.0	Kubota D722 swing boom model Wire Color Wire Number Table 2	SHEET NO. 8
DRAWING NAME	Kubota D722 swing boom model	DWG. NO	KY-KBTD722-03-C	CHECKED						SHEET MAX. 9

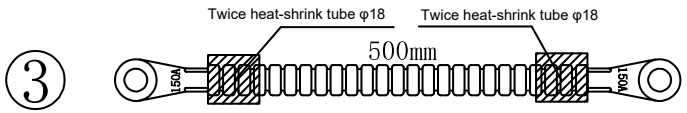
KING 1.3 WIRING DIAGRAM



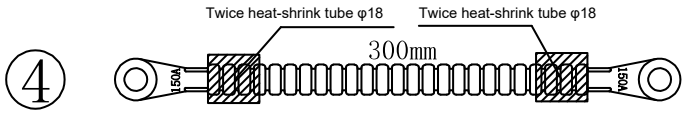
Wire size: 30mm³
Wire length: 800mm



Wire size: 30mm³
Wire length: 650mm



Wire size: 30mm³
Wire length: 450mm



Wire size: 30mm³
Wire length: 250mm

Note:

1. All dimensions in this drawing are in millimeters (mm).
2. The positive and negative tolerance of cutting line/pipe cutting is less than 5mm.
3. Strip 20mm from end A and 20mm from end B.
4. All copper tails are 150 copper tails, part number is DJ431-10C.

Technical requirements:

1. See the square of the wire that the product needs to use.
2. This product adopts Shilam closed bellows, AB end heat shrink sealing process.
3. Ensure the accuracy of cutting lines and tubes.
4. After accurate positioning of the ends of the bellows at both ends of AB, heat shrink sealing is performed.
5. Standardize crimping to ensure standard, firm and reliable.
6. Finished product packaging:

The product itself needs to be bagged and sealed after sticking the label, and the label should also be pasted outside the packaging bag.

PROJECT NAME		PRO. NO		DRAWN BY	Tian Boning		VERSION	1.0	Kubota D722 swing boom model battery cable	SHEET NO. 9
DRAWING NAME	Kubota D722 swing boom model	DWG. NO	KY-KBTD722-03-C	CHECKED						SHEET MAX. 9

KING 1.3 WIRING DIAGRAM

DIGGERKING