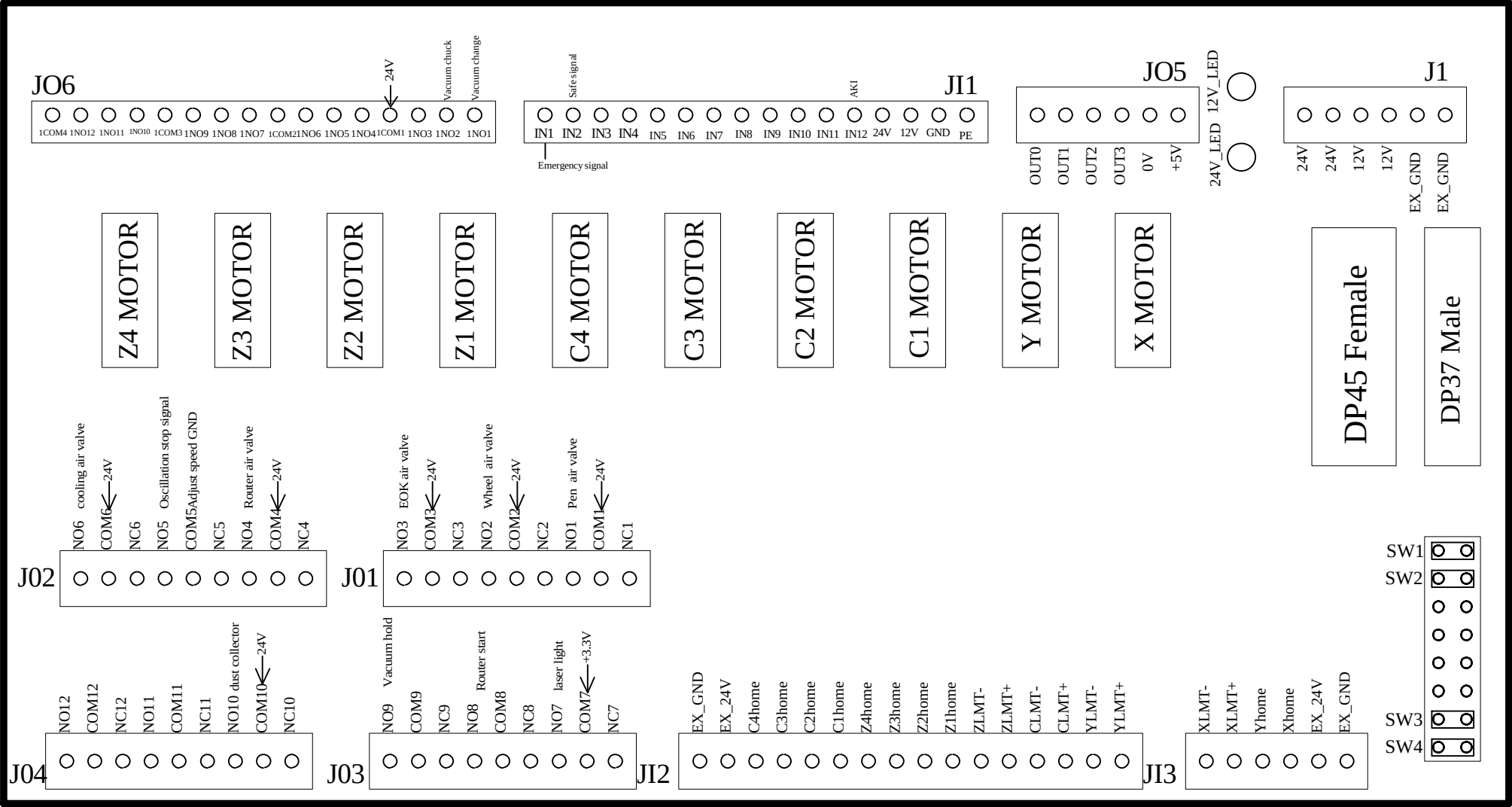


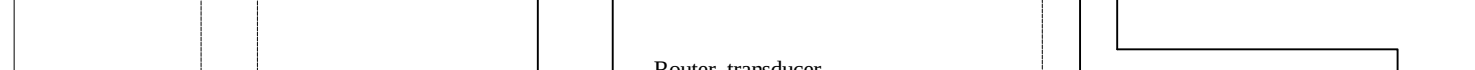
DCZ75 Interface board



Title			DCZ75 Interface board	
Size	Number	Revision		
A4	DCZ75 elementary diagram 01	AOKE R&D		
Date:	31-Oct-2013	Sheet of		
File:	F:\AOKE\DCZ7系列纸箱机电气布线图\DCZ7系列切割机电气布线图.Ddb			

380V 3-phase four-w

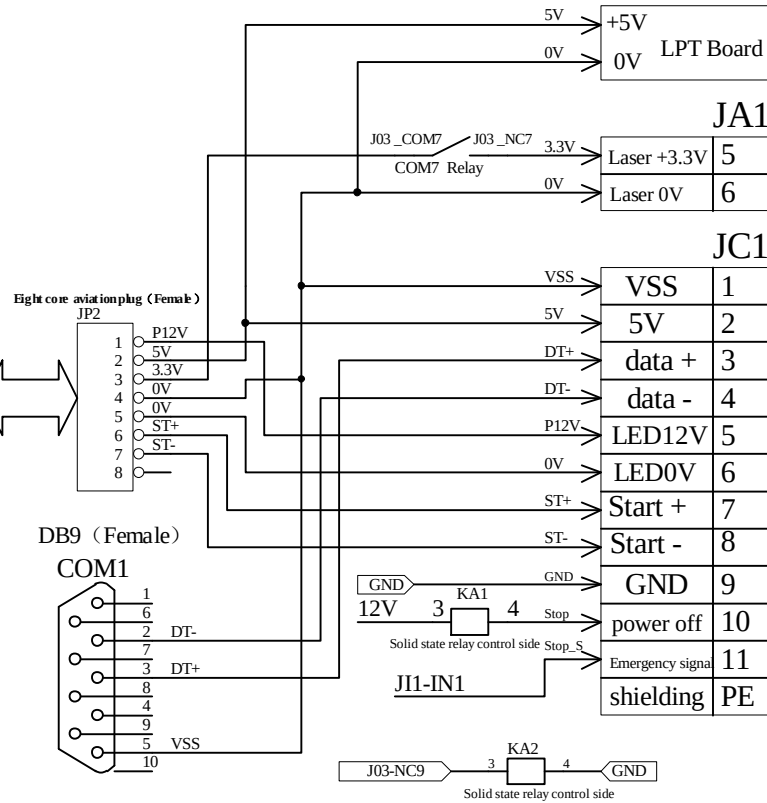
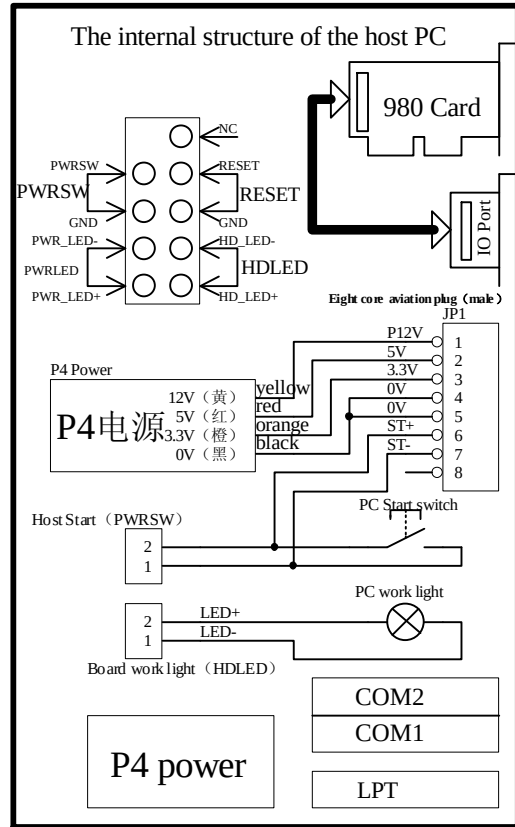
e OF1  RC2 



	2
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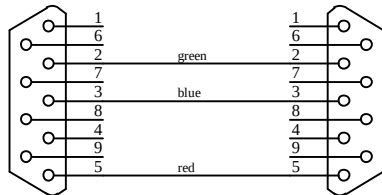
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Inside the electric wiring diagrams

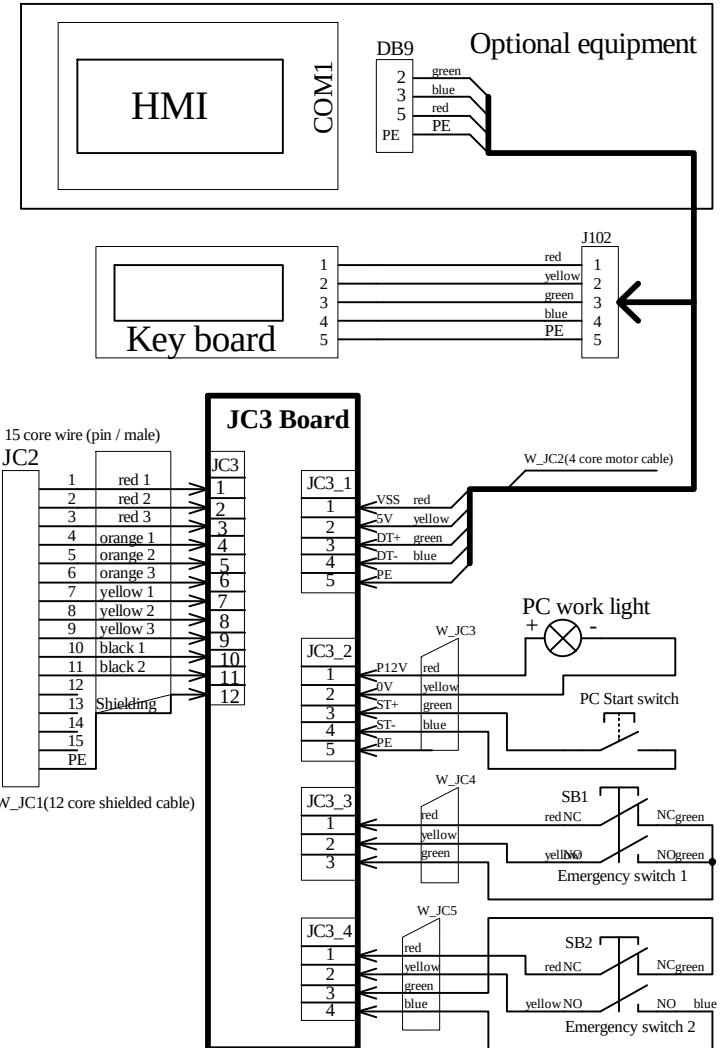


Note: solid state relay KA1 control 220V power supply
KA2 control vacuum pump

COM2 Data Communication Line

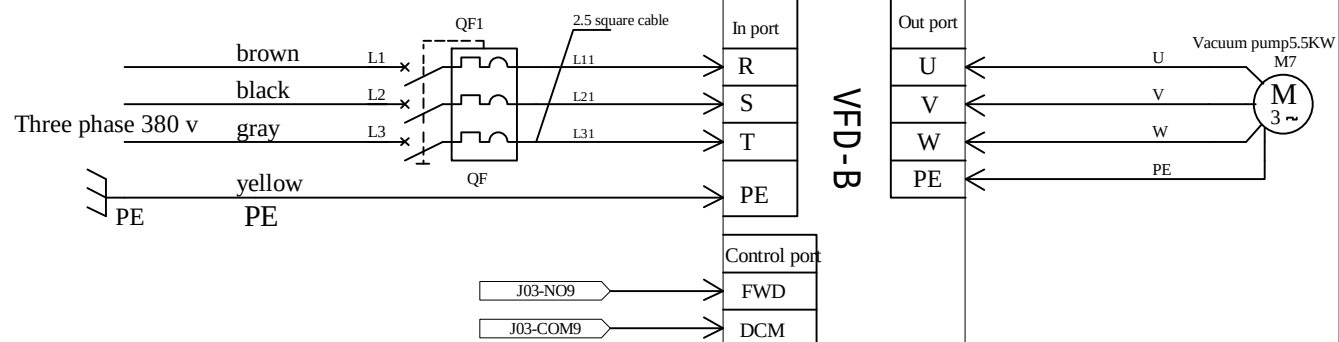


Equipment outside the wiring diagram



Title		
DCZ75 elementary diagram 03		
Size	Number	Revision
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Date:	31-Oct-2013	Sheet of
File:	F:\AOKE\DCZ75系列纸箱机电气布线图\DCZ75系列纸箱机电气布线图.Ddb	

Vacuum pump inverter electrical control principle



Title			DCZ70 elementary diagram 04	
Size	Number		Revision	
A4			AOKE R&D	
Date:	31-Oct-2013		Sheet	of
File:	F:\AOKE\DCZ7系列纸箱机电气布线图\DCZ7系列切割机电气部线图.Ddb			

Inside the electric wiring diagrams

JA1

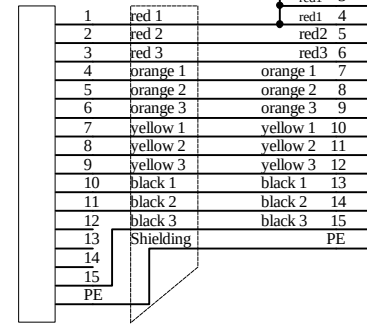
Function ports

EX24V		EX24V	1
J12_C1 home	C1 home	C1home	2
J12_C2 home	C2home	C2home	3
J12_Z1 home	Z1 home	Z1home	4
J12_Z2 home	Z2 home	Z2home	5
Laser +3.3V	no COM7 Laser+	Laser +3.3V	6
JP2_0V	COM7 relay Laser-	Laser 0V	7
J01-NO1	Pen	Pen	8
J01-NO2	Wheel	Wheel	9
J01-NO3	Knife	Knife	10
J02-NO4	router	ROUTER	11
J12_C3 home	C3home	C3 home	12
J12_Z3 home	Z3home	Z3 home	13
EX_GND	EX_GND	EX_GND	14
EX_GND	EX_GND	EX_GND	15

Equipment outside the wiring diagram

DCZ71/72 JA2 wire

15 core wire (pin / male)
JA2



W_JA1(12 core shielded cable)

DCZ75 JA2 Wire

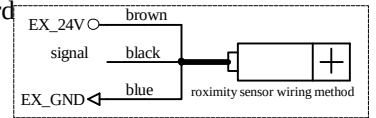
JA2

1	EX24V	EX24V
2	C1 home	C1 home
3	C2 home	C2home
4	Z1 home	Z1 home
5	Z2 home	Z2 home
6	Laser +3.3V	Laser+
7	Laser 0V	Laser-
8	pen	Pen
9	wheel	Wheel
10	knife	Knife
11	router	router
12	C3 home	C3home
13	Z3 home	Z3home
14	EX_GND	EX_GND
15	EX_GND	EX_GND
PE	Shielding	Shielding

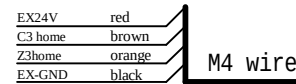
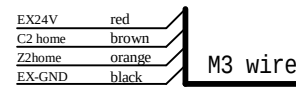
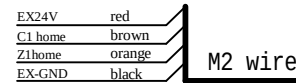
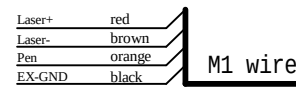
J1

1	EX24V	EX_24V
2	EX24V	EX_24V
3	EX24V	EX_24V
4	EX24V	EX_24V
5	C home	C Home
6	T home	T Home
7	Z home	Z Home
8	H home	H Home
9	Laser +3.3V	Laser+
10	Laser 0V	Laser-
11	Pen	Pen
12	Wheel	Wheel
13	Knife	Knife
14	Router	router
15	EX_GND	EX_GND
27	EX_GND	EX_GND
PE	Shielding	Shielding

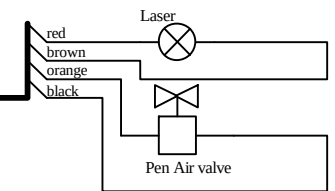
15 Core Socket terminal board



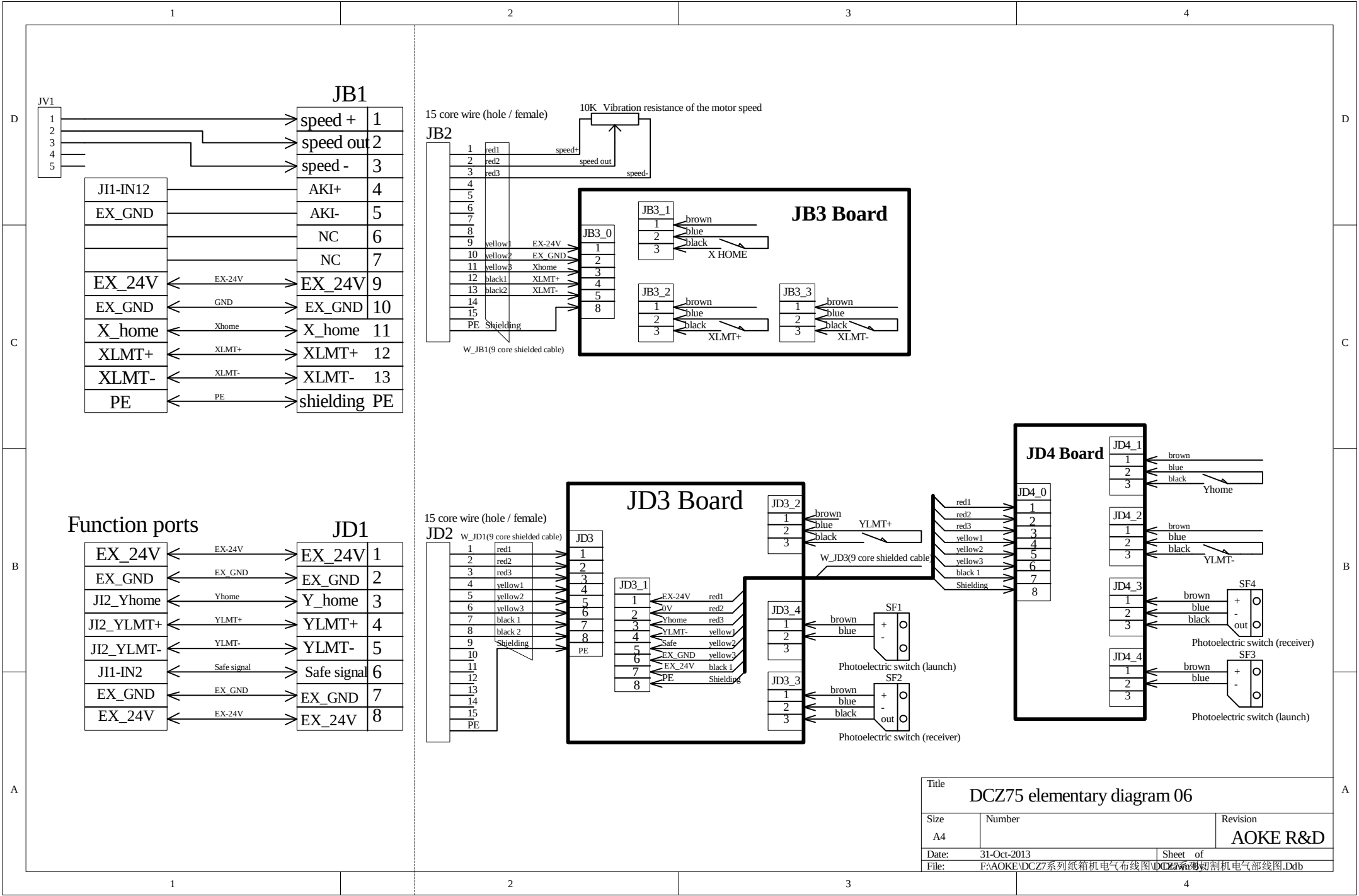
15 core wire (pin / male)



The head



Title			DCZ75 elementary diagram 05	
Size	Number		Revision	
A4			AOKE R&D	
Date:	31-Oct-2013		Sheet of	
File:	F:\AOKE\DCZ7系列纸箱机电气布线图\DCZ75系列切割机电气部线图.Ddb			



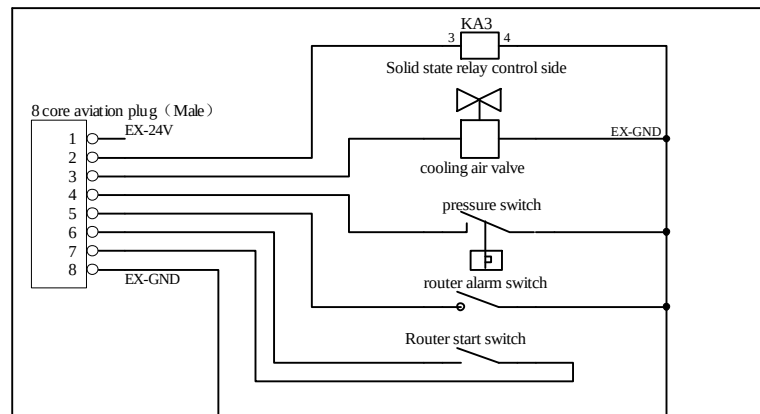
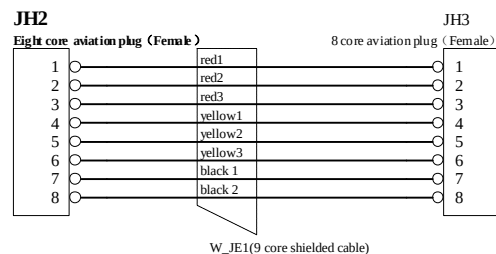
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Size	Number	Revision
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Date:	31-Oct-2013	Sheet of
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Inside the electric wiring diagrams

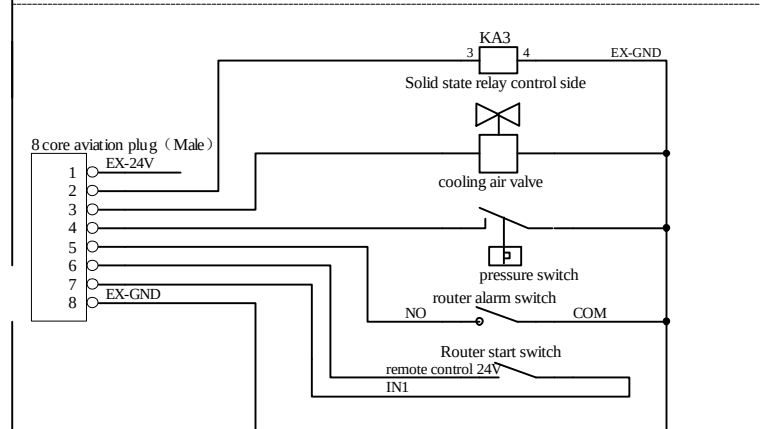
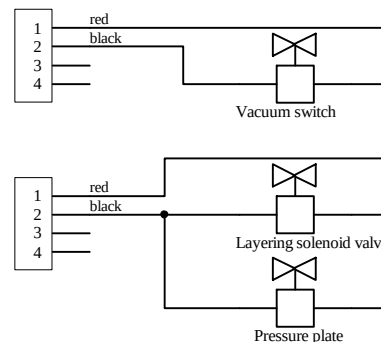
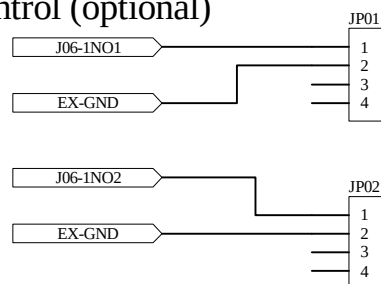
Function ports

EX_24V	EX-24V	EX_24V	1
J04-NO10	dust collector	dust collector	2
J02-NO6	cooling air	cooling air	3
J11-IN6	pressure alarm	pressure alarm	4
J11-IN7	Router alarm	Router alarm	5
J03-COM8	Router start +	Router start +	6
J03-NO8	Router start -	Router start -	7
EX_GND	EX_GND	EX_GND	8

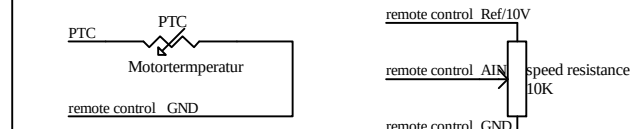
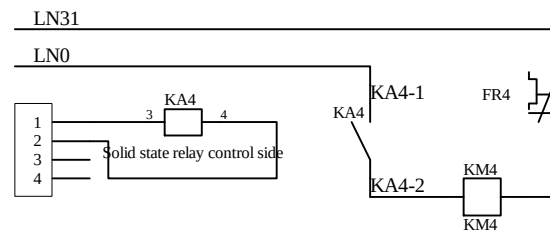
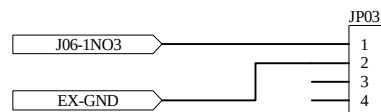
Equipment outside the wiring diagram



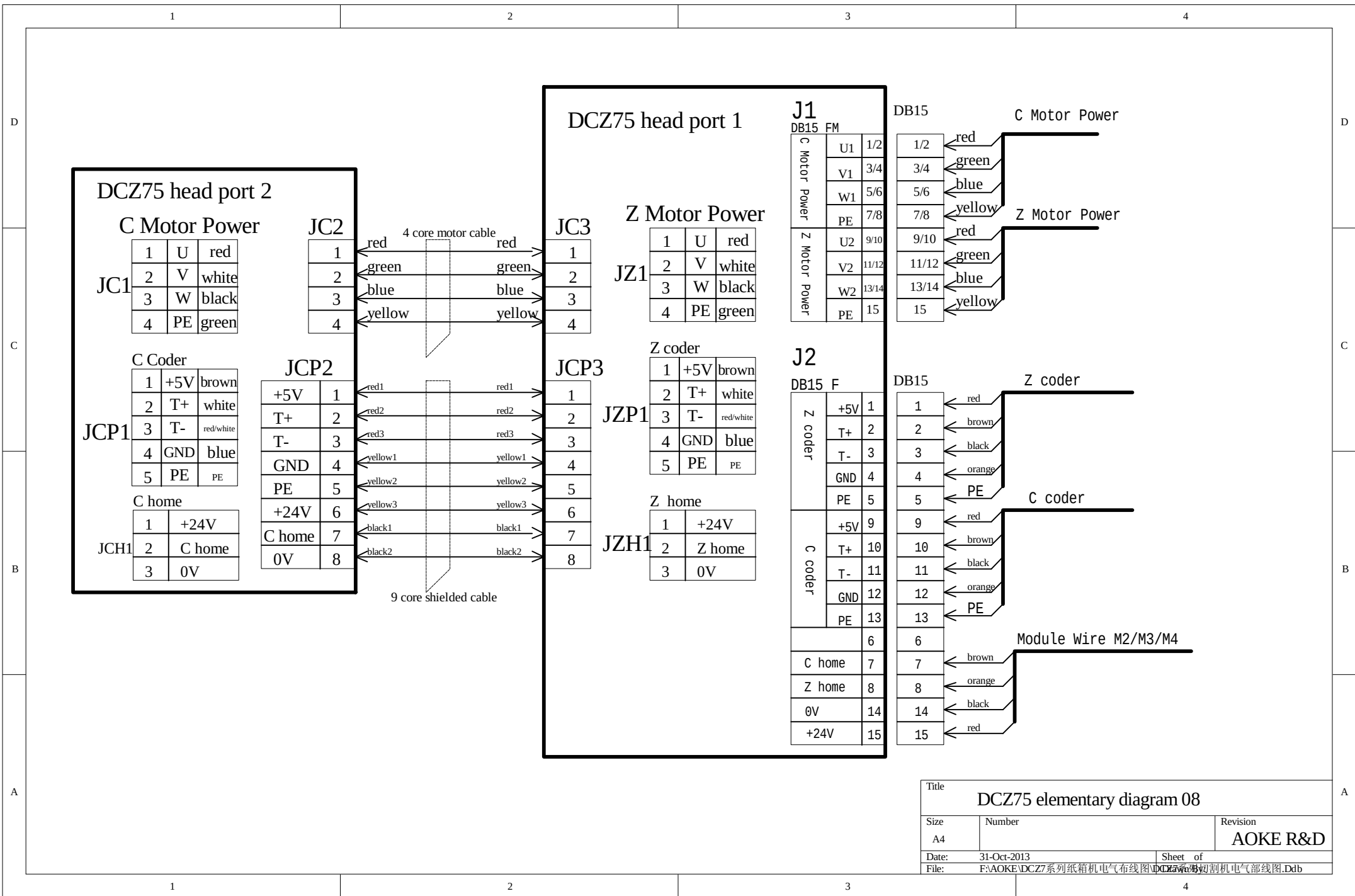
Rolling control (optional)



Discharging motor control (optional)



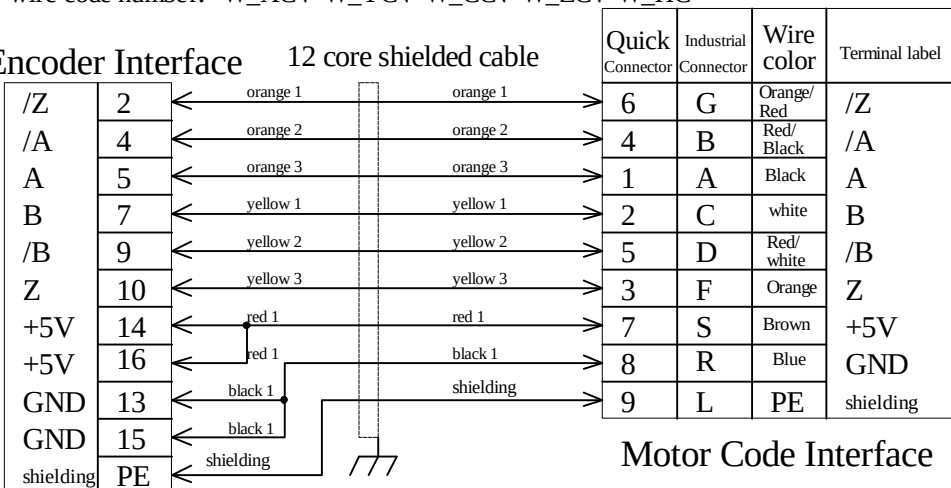
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Size		Number		Revision	
A4				AOKE R&D	
Date:	31-Oct-2013		Sheet of		
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Title		
DCZ75 elementary diagram 08		
Size	Number	Revision
A4		AOKE R&D
Date:	31-Oct-2013	Sheet of
File:	F:\AOKE\DCZ7系列纸箱机电气布线图\DCZ7系列切割机电气部线图.Ddb	

Motor feedback cable connection diagram encoding
wire code number: W_XC、W_YC、W_CC、W_ZC、W_HC

Encoder Interface 12 core shielded cable

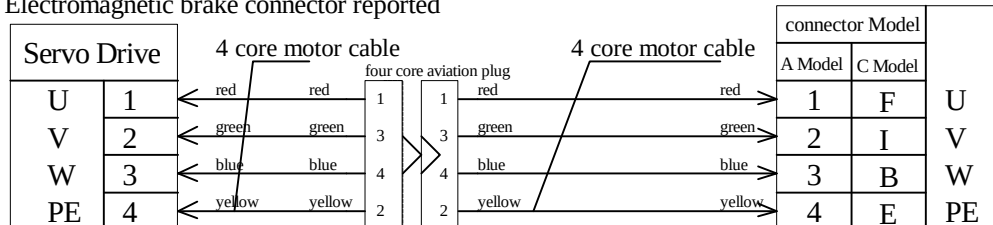


Motor Code Interface

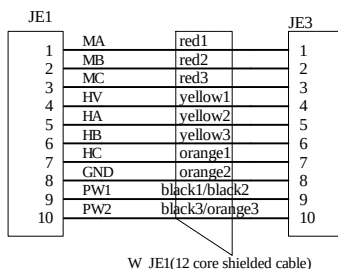
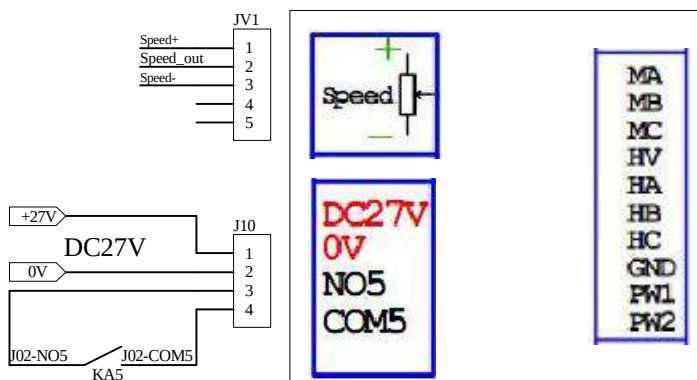
Servo motor power cable connection diagram

motor power line numbers: W_XT、W_YT、W_CT、W_ZT、W_HT

Electromagnetic brake connector reported



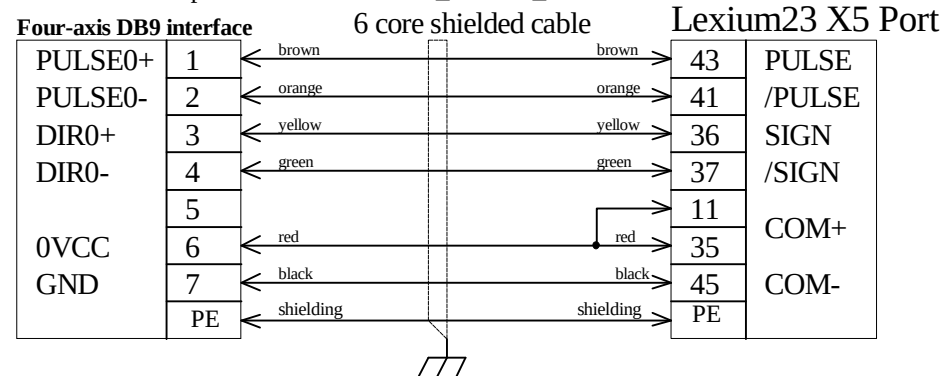
Electrical connection diagram vibrating knife



W_JE1(12 core shielded cable)

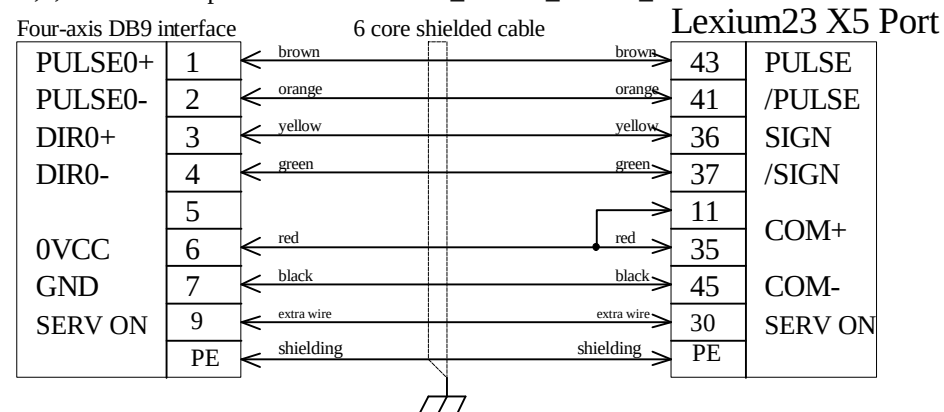
X, Y axis position control wiring diagram

X、Y axis motor pulse wire number: W_XP、W_YP

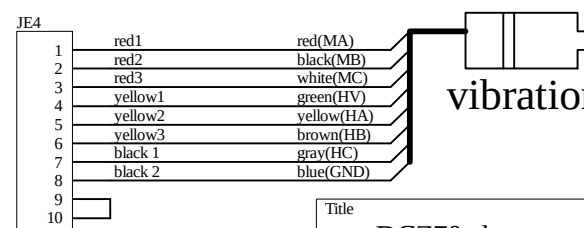


C,Z,H axis position control wiring diagram

C,Z,H axis motor pulse wire number: W_CP、W_ZP、W_HP

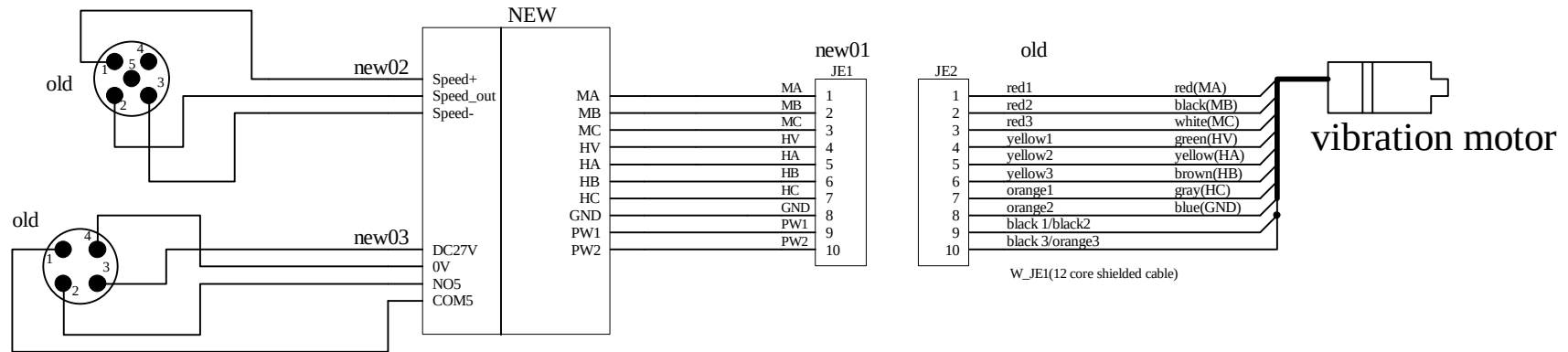


vibration motor



Title		
DCZ70 elementary diagram 09		
Size	Number	Revision
A4		AOKE R&D
Date:	31-Oct-2013	Sheet of
File:	F:\AOKE\DCZ7系列纸箱机电气布线图\DCZ7系列切割机电气部线图.Ddb	

Electrical connection diagram vibrating knife



The old drive change into new drive

AOKE DCZ70 MAXON

Current Table

	SW3	SW4	SW5	SW6
1.3A	ON	ON	ON	OFF
2.3A	ON	ON	OFF	ON
4.2A	ON	OFF	ON	ON
6.3A	ON	OFF	OFF	OFF
7.2A	OFF	ON	ON	ON
10.0A	OFF	OFF	OFF	OFF

Speed Table

SW2	SW1	Speed range
ON	ON	open loop speed
ON	OFF	500--5000rpm
OFF	ON	500--20000rpm
OFF	OFF	500--80000rpm

NEW02

Speed

NEW01

SW6
SW5
SW4
SW3
SW2
SW1

MA
MB
MC
HV
HA
HB
HC
GND
PW1
PW2

NEW03

DC27V
0V
NO5
COM5

Title		
Size	Number	Revision
A4	DCZ70 elementary diagram 10	AOKE R&D
Date:	31-Oct-2013	Sheet of
File:	F:\AOKE\DCZ7系列纸箱机电气布线图\DCZ7系列切割机电气部线图.Ddb	