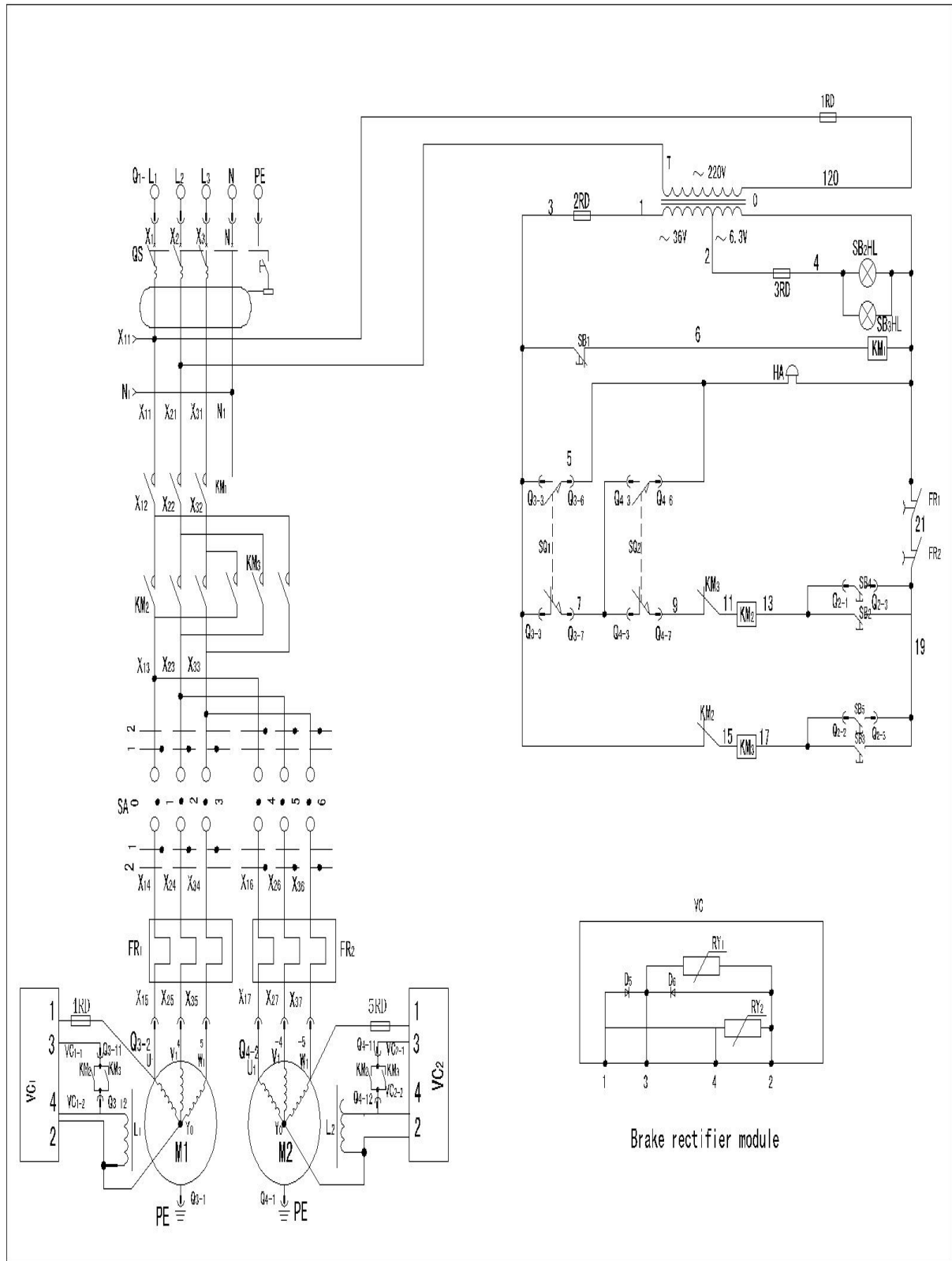


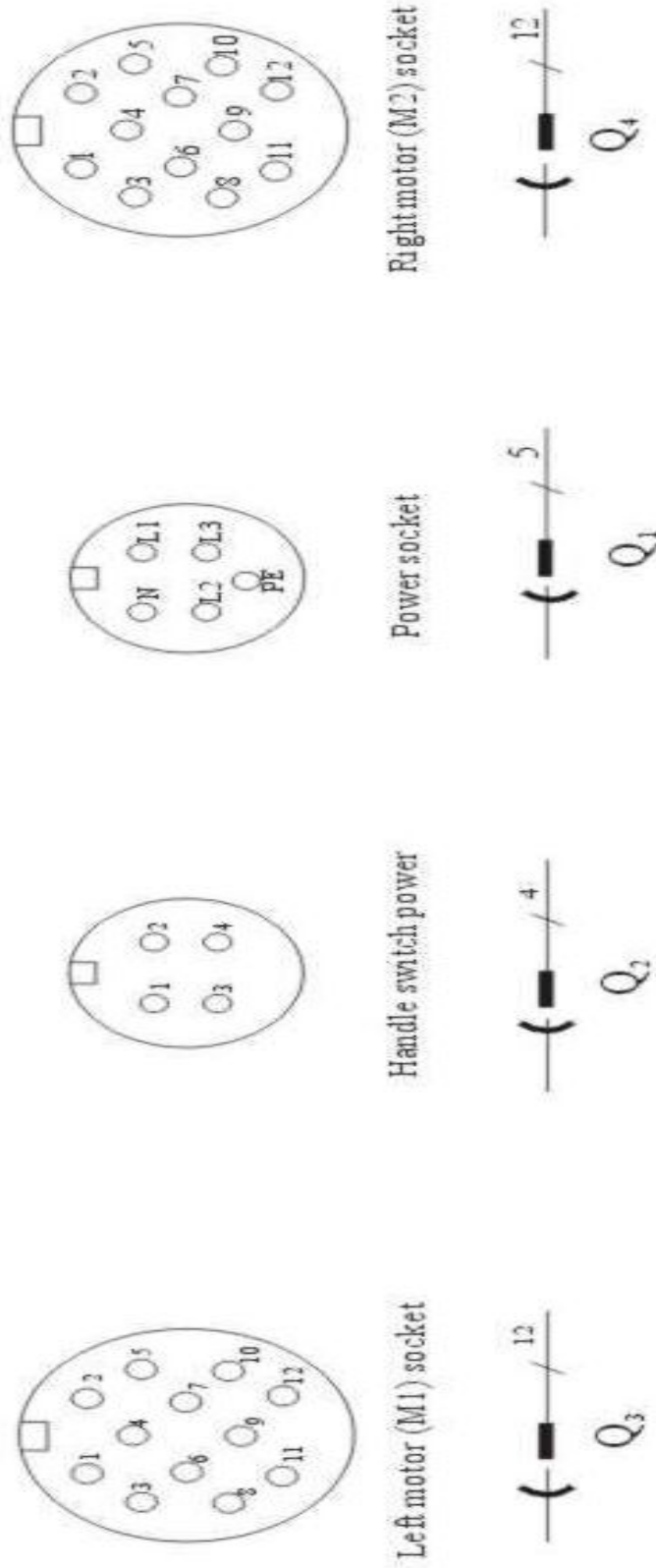
Attached figure 4: Three Phase Electric control diagram



Attached figure 5: Three Phase Wiring terminal board diagram

SA3. 9	1	X13
SA1. 7	2	X23
SA5. 11	3	X33
SA2	4	X14
SA4	5	X24
SA6	6	X34
Q ₃₋₂	7	X15
Q ₃₋₄	8	X25
Q ₃₋₅	9	X35
SA8	10	X16
SA10	11	X26
SA12	12	X36
SA ₃₋₁₁	13	VC ₁₋₁
SA ₃₋₁₂	14	VC ₁₋₂
Q ₂₋₂ Q ₂₋₃	15	PE
SB ₂ SB ₃ -HL	16	0
SB ₁ Q ₃₋₃	17	3
SB ₂ SB ₃ -HL	18	4
Q ₂₋₃ Q ₂₋₃	19	5
SB ₁	20	6
Q ₃₋₇	21	7
Q ₄₋₇	22	9
Q ₂₋₁	23	13
Q ₂₋₂	24	17
Q ₂₋₃	25	19
Q ₄₋₂	26	X17
Q ₄₋₄	27	X27
Q ₄₋₅	28	X37
Q ₄₋₁₁	29	VC ₂₋₁
Q ₄₋₁₂	30	VC ₂₋₂
	31	N ₁
	32	X11
Q _{1-N}	33	N
Q _{1-L1}	34	X1
Q _{1-L2}	35	X2
Q _{1-L3}	36	X3

Attached figure 6: Three Phase Power plug-in component diagram



Attached table 3: Three Phase Electrical components list

No.	Code	Item	Specification	Quantity
1	Q_s	Power leakage breaker	C45ADLE-25/34-30	1
2	KM₁, KM₂, KM₃	AC contactor	LC1-1201 AC36V (24V)	3
3	T	Control transformer	JBK-100 AC380V (415V)/ 36V/(24V)	1
4	SB₁	Emergency stop	LAY3	1
5	SB₄, SB₃	Handle switch	COB-61	1
6	SB₂, SB₅	Button switch	ZB2-BE101c	2
7	SQ₁, SQ₂	Upper limit switch	LXK3-20S/T	2
8	SA	Turning switch	LW5-16/3	1
9	VC₁, VC₂	Brake rectifier module	AC 250V 3A	2
10	M₁, M₂	3-phase braking motor	YEJ1001L-4 1.8KW(ZLP800) YEJ90L-4 1.5KW(ZLP630) YEJ90L-4 1.5KW(ZLP500)	2
11	L1,L2	Electromagnetic brake	99 VDC	Integrated with motor
12	FR₁, FR₂	Thermal relay	JR16B-20/3D 5A (ZLP800) JR16B-20/3D 3.7A (ZLP630) JR16B-20/3D 2.8A (ZLP500)	2
13	Q₁	Power socket	RSC-215	1
14	Q₂	Handle switch power	P20 6Q	1
15	Q₃, Q₄	Motor socket	P20 6Q	2
16	D	Wiring terminal board	UKJ-4, UKJ-2.5	1
17	HA	Electric bell	AC36V (24V) ZMQ-3522	1
18	1RD, 2RD, 3RD, 4RD, 5RD	Fuse	2A	5
19	HL	Fuse	SB5,SB2-ZB2-BV6 AC6.3V	2