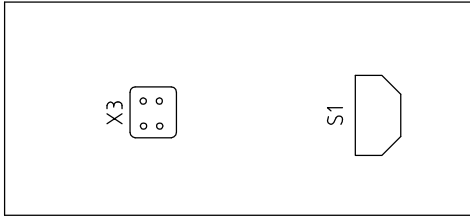
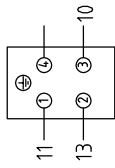
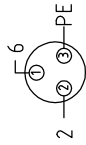


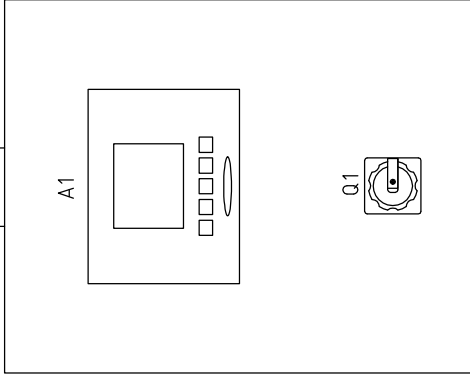
X3 Heavy duty connector for hopper and main machine



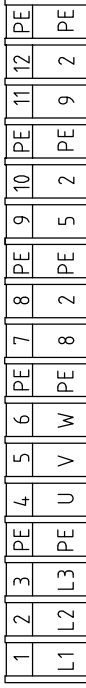
X4(3P Waterproof connector)



Connect Proportional Valve



NO.	Function	Description
1	Material level signal (SRNO)	Connect to material level signal
2	GND	Connect to material level switch COM
3	24VDC	Connect to material level switch 24VDC
4	----	----



- Power IN
- Blower
- Vacuum breaking Valve
- Cleaning Valve
- Cutting valve
- Tricolor warning lamp

Ver.C

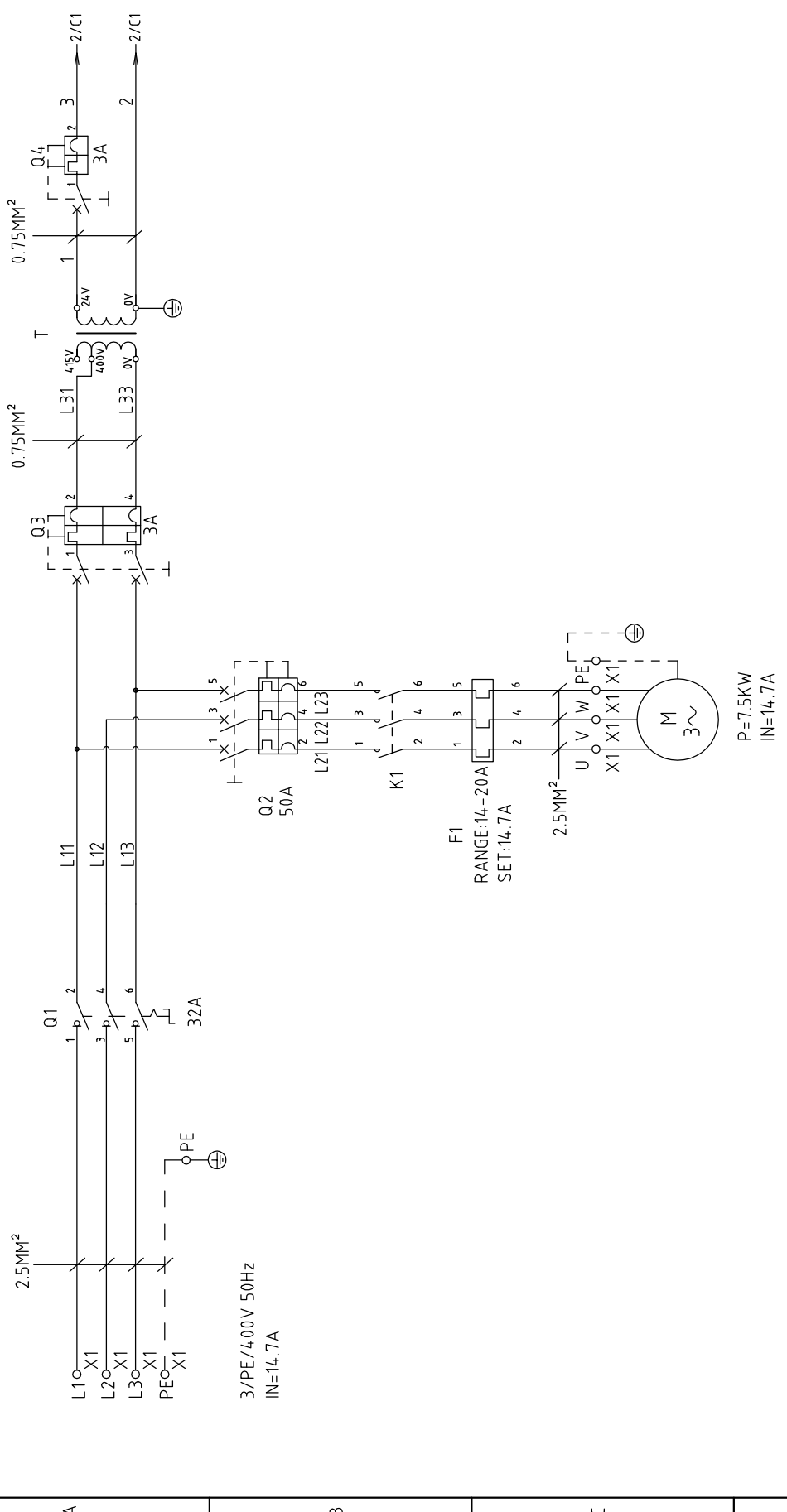
Ver.C	Version	E	Drawer	Designer	Proofread by	Checked by	Date	20190701
	Approved by							

Title SAL-5HP-UG
Electrical Components Layout

Drawing NO. SAL-5HP-UG-CE-400V-E-3

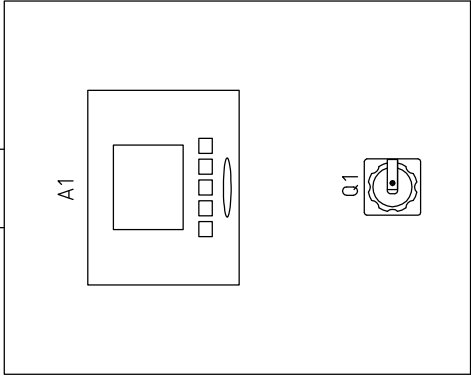
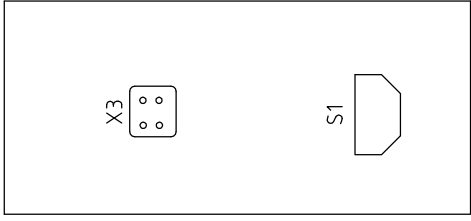
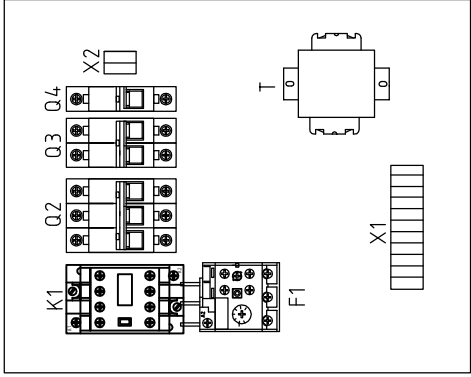
Scale	Standard	CE	Page	3
			Totally	4
			Voltage	400V
			Frequency	50HZ

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Shini Plastics Technologies, Inc.

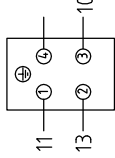


Ver.C														
Mark	Before modification	After modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer	Version	E	Title	SAL-10HP-UG		Drawing NO.
				20190701							Main Circuit Diagram		SAL-10HP-UG-CE-400V-E-1	
											Standard	CE	Totally	4
											Scale		Page	1
													Frequency	50HZ
													Voltage	400V

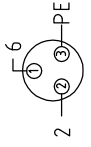




X3(heavy duty connector for hopper and main machine)

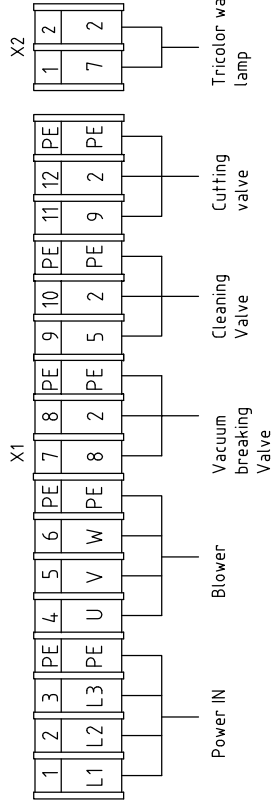


X4(3P Waterproof connector)



Connect Proportional Valve

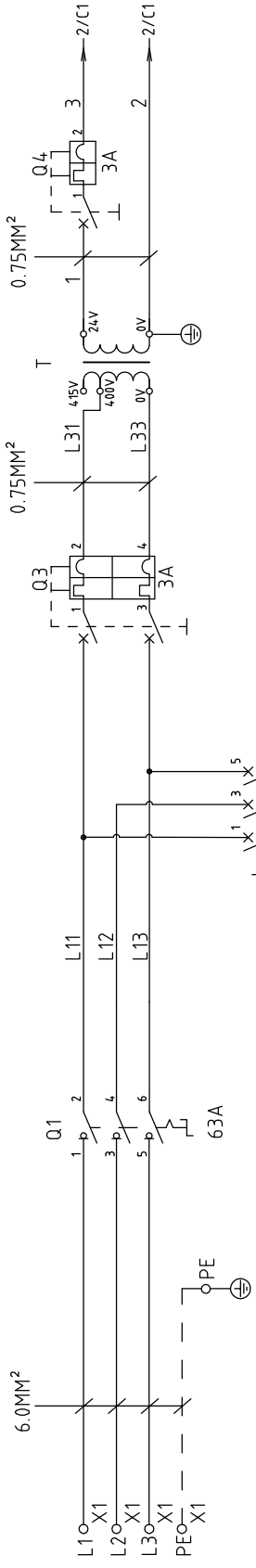
NO.	Function	Description
1	Material level signal (SSR)	Connect to material level signal
2	GND	Connect to material level switch COM
3	24VDC	Connect to material level switch 24VDC
4	----	----



Ver.C

Mark	Before modification	Modified by	20190701	Date	E	Version	E	Title	SAL-10HP-UG		Drawing NO.	Page	3									
	After modification	Modified by	20190701						Electrical Components Layout					SAL-10HP-UG-CE-400V-E-3	Standard	CE	Totally	4				
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Scale	Standard	CE	Page	3																		
Voltage	400V	Frequency	50Hz																			





Ver.C

3/PE/400V 50Hz
IN=27A

6.0MM²

Q1 63A

L1 X1
L2 X1
L3 X1
PE X1

L11
L12
L13

Q2 80A

L21 L22 L23

K1

F1

RANGE:22-32A
SET:27A

6.0MM²

U V W PE
X1 X1 X1

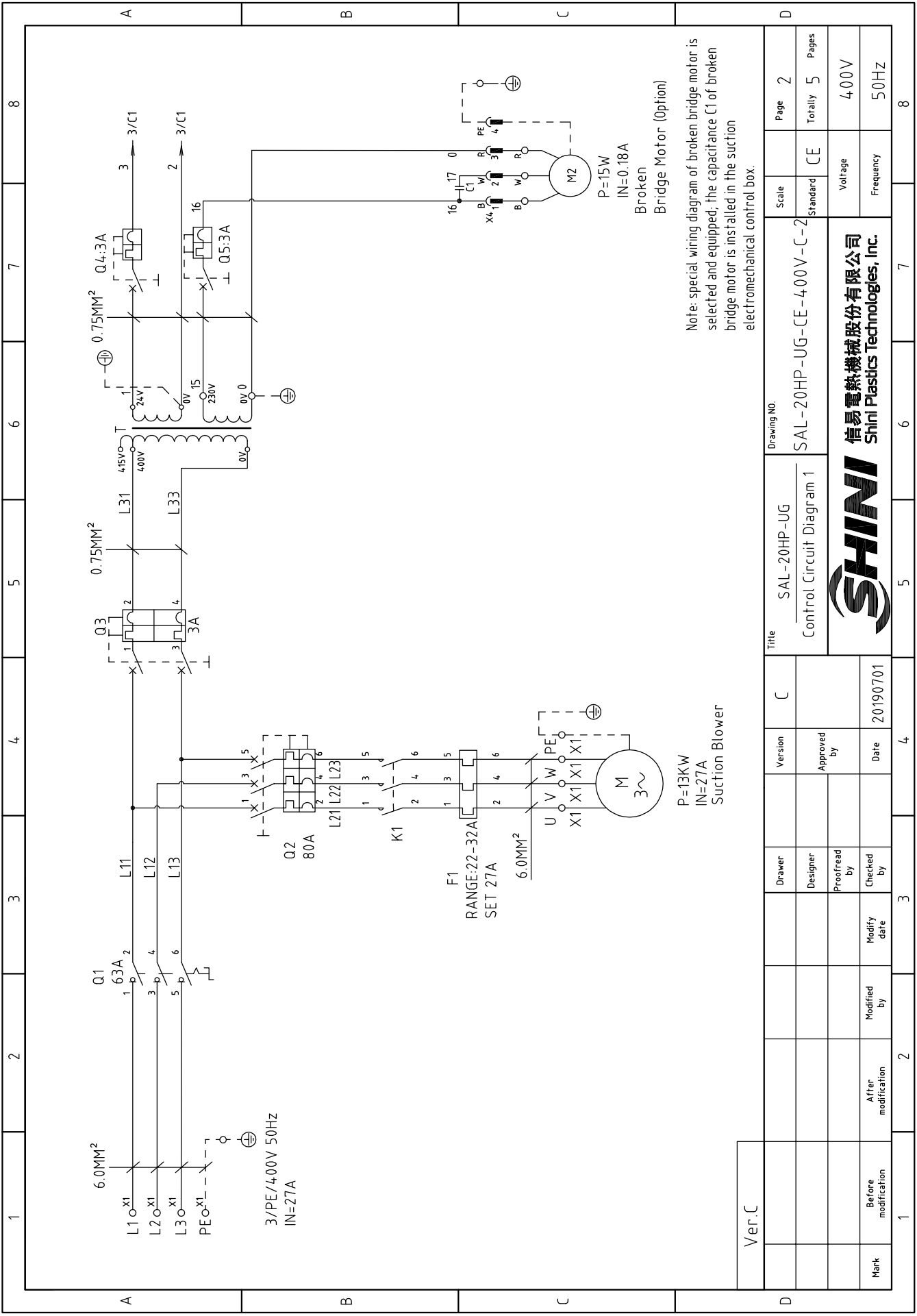
M 3~

P=13KW
IN=27A

Suction Blower

1	2	3	4	5	6	7	8																																																																																										
<table border="1"> <tr> <td>Ver.C</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mark</td> <td>Before modification</td> <td>Modified by</td> <td>Modify date</td> <td>Checked by</td> <td>Proofread by</td> <td>Designer</td> <td>Drawer</td> </tr> <tr> <td></td> <td></td> <td></td> <td>20190701</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4"> <table border="1"> <tr> <td colspan="2">Title</td> <td colspan="2">Version</td> <td colspan="2">C</td> </tr> <tr> <td colspan="2">SAL-20HP-UG</td> <td colspan="2">Approved by</td> <td colspan="2"></td> </tr> </table> </td> <td colspan="2"> <table border="1"> <tr> <td colspan="2">Drawing NO.</td> </tr> <tr> <td colspan="2">SAL-20HP-UG-CE-400V-C-1</td> </tr> </table> </td> </tr> <tr> <td colspan="4"> <table border="1"> <tr> <td colspan="2">Scale</td> <td colspan="2">Page</td> </tr> <tr> <td colspan="2">Standard CE</td> <td colspan="2">1</td> </tr> </table> </td> <td colspan="4"> <table border="1"> <tr> <td colspan="2">Voltage</td> <td colspan="2">Frequency</td> </tr> <tr> <td colspan="2">400V</td> <td colspan="2">50Hz</td> </tr> </table> </td> </tr> <tr> <td colspan="4"> <table border="1"> <tr> <td colspan="2">Standard</td> <td colspan="2">Totally</td> </tr> <tr> <td colspan="2">CE</td> <td colspan="2">5</td> </tr> </table> </td> <td colspan="4"> <table border="1"> <tr> <td colspan="2">Pages</td> </tr> <tr> <td colspan="2">400V</td> </tr> </table> </td> </tr> </table>								Ver.C								Mark	Before modification	Modified by	Modify date	Checked by	Proofread by	Designer	Drawer				20190701					<table border="1"> <tr> <td colspan="2">Title</td> <td colspan="2">Version</td> <td colspan="2">C</td> </tr> <tr> <td colspan="2">SAL-20HP-UG</td> <td colspan="2">Approved by</td> <td colspan="2"></td> </tr> </table>				Title		Version		C		SAL-20HP-UG		Approved by				<table border="1"> <tr> <td colspan="2">Drawing NO.</td> </tr> <tr> <td colspan="2">SAL-20HP-UG-CE-400V-C-1</td> </tr> </table>		Drawing NO.		SAL-20HP-UG-CE-400V-C-1		<table border="1"> <tr> <td colspan="2">Scale</td> <td colspan="2">Page</td> </tr> <tr> <td colspan="2">Standard CE</td> <td colspan="2">1</td> </tr> </table>				Scale		Page		Standard CE		1		<table border="1"> <tr> <td colspan="2">Voltage</td> <td colspan="2">Frequency</td> </tr> <tr> <td colspan="2">400V</td> <td colspan="2">50Hz</td> </tr> </table>				Voltage		Frequency		400V		50Hz		<table border="1"> <tr> <td colspan="2">Standard</td> <td colspan="2">Totally</td> </tr> <tr> <td colspan="2">CE</td> <td colspan="2">5</td> </tr> </table>				Standard		Totally		CE		5		<table border="1"> <tr> <td colspan="2">Pages</td> </tr> <tr> <td colspan="2">400V</td> </tr> </table>				Pages		400V	
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Ver.C									
Mark	Before modification	Modified by	Modify date	Checked by	Date	Approved by	Version	C	
					20190701				

Title		SAL-20HP-UG		Drawing NO.		SAL-20HP-UG-CE-400V-C-2		Page 2	
Control Circuit Diagram 1						Standard		CE	
Voltage		400V		Frequency		50Hz		Totally 5 Pages	

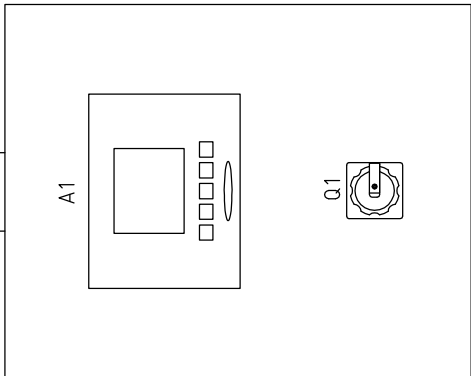
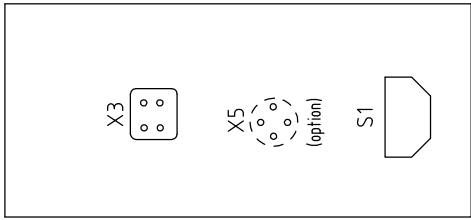
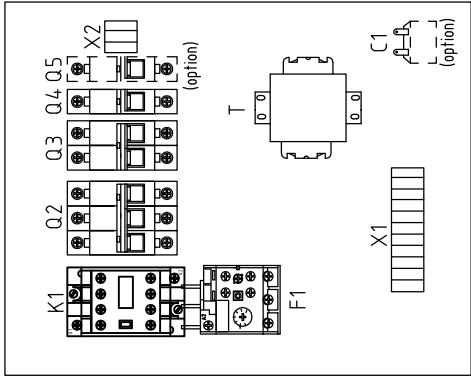
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Shini Plastics Technologies, Inc.

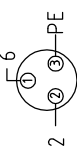
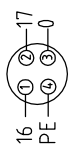
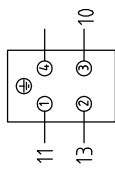
Note: special wiring diagram of broken bridge motor is selected and equipped; the capacitance C1 of broken bridge motor is installed in the suction electromechanical control box.

P=15W
IN=0.18A
Broken Bridge Motor (Option)

P=13KW
IN=27A
Suction Blower

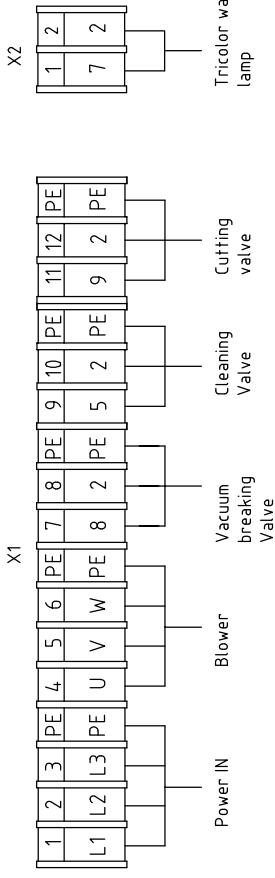


X3(Heavy duty connector for hopper and main machine) X5(4P metal joint)(option) X4(3P Waterproof connector)



NO.	Function	Description
1	Material level signal (stair)	Connect to material level signal
2	GND	Connect to material level switch COM
3	24VDC	Connect to material level switch 24VDC
4	----	-----

NO.	Function	Description
1	B	Connect Bridge breaking power
2	W	-----
3	R	-----
4	Grounding terminal	Metal joint grounding



Ver.C

Drawing NO.		SAL-20HP-UG-CE-400V-C-4	
Title		Electrical Components Layout	
Version		Approved by	
Designer		Proofread by	
Checked by		Date	
Modified by		Modify date	
After modification		-----	
Before modification		-----	
Mark		Date	
20190701		20190701	
Scale		Standard	
CE		Voltage	
400V		Frequency	
50HZ		Page	
4		Totally	
5		Pages	



1	2		3	4	5	6	7	8
NO	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1	Q1	Main Switch	EATON	P3-63/EA/SVB	63A	1	YE1063630000	
2	Q2	Circuit-Breakers	TECO	BM100D/3080S	80A	1	YE40308003000	
3	Q3	Circuit-Breakers	TECO	BM-63C/2003S	3A 2P	1	YE40200203000	
4	Q4	Circuit-Breakers	TECO	BM-63C/1003S	3A 1P	1	YE40100203000	
5	Q5	Circuit-Breakers	TECO	BM-63C/1003S	3A 1P	1	YE40100203000	(2)
6	K1	Contactors	SIEMENS	3RT5035-1AN20	24VAC	1	YE00503502600	
7	F1	Overload Relays	SIEMENS	3RU5136-4EB0	22-32A	1	YE01223200000	
8	A1	Controller	YUYUN	CS-23(include communication)	24VAC/DC	1	YE80232402200	
9	S1	Communication interface board RS-485	YUYUN	---	Duble Dsub-9pin	1	YE90048501200	
10	H1	Tricolor warning lamp	SHINI	Red yellow green-buzzer	24VAC/DC	1	BL90000011520	
11	T	Transformer	JIUXIN	IN=400V/415V OUT=24V	120VA	1	YE70023004500	Remove when Optional bridge broken
12	T	Transformer	JIUXIN	IN=400V/415V OUT=24V/230V	120VA 350MA	1	YE70040007300	(2)
13	M	Blower	SHINI	20HP	400V 50HZ	1	---	(1)
14	Y1 Y2 Y3 Y4	Solenoid Valve	AIRTAC	---	24VAC	4	---	(1)
15	X1 X2	Terminal Board	HONEYWELL	GK6	6.0mm ²	6	YE60000603200	
16		Terminal Board	HONEYWELL	GK6PE	6.0mm ² PE	2	YE60000603500	
17		Terminal Board	HONEYWELL	SK2.5	2.5mm ²	8	YE60002503200	
18		Terminal Board	HONEYWELL	GK2.5PE	2.5PE	3	YE60002503400	
19		Terminal fittings E/GK series	HONEYWELL	---	PCS	4	YE60000003900	
20	M2	Torn bridge motor	---	---	230V 50/60Hz 0.015KW	1	---	(1)(2)
21	X3	Heavy duty connectors	HARTING	Han 4A-F	4P+PE	1	YE68000401400	
22	X4	Waterproof linker	AOPULO	AQF16K3Z	250V 3P	1	YE62163000100	
23	X5	Heavy duty connectors	---	PLT-254-RF	4P(Female)	1	YE68025400100	(2)
Ver.C								
Note: (1) Means not part of control box. (2)Optional bridge breaking device.								
D			Drawing NO.	SAL-20HP-UG	SAL-20HP-UG-CE-400V-C-5	Scale	Page	5
			Electrical Components List 1	CE	Voltage	Frequency	Totally	5
Mark			Before modification	Modified by	Modify date	Checked by	Date	20190701
1			2	3	4	5	6	7
			8	9	10	11	12	13



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1	2		3	4	5	6	7	8
No.	Symbol	Name	Manufacturer	Type	Specification	Number	Material number	Remark
1		Cable 16.0x1C black/soft wire	----	----	M	10	YE50060140200	
2		Cable 6.0x1C(yellow and green line)	----	----	M	0.4	YE50601000300	
3		Cable 0.75x1Cx200M red	----	----	M	5	YE50750100000	
4		Cable 15x1Cx100M(yellow and green line)	----	----	M	1	YE50125140300	
5		Tubular terminal E6012 black	----	----	PCS	15	YE60601200000	
6		Tubular terminal E1008	----	----	PCS	30	YE60100800200	
7		Tubular terminal E1508	----	----	PCS	10	YE60150800000	
8		Terminal 1-4Y thickness 0.7(1000PCS/bag)	----	----	PAC	0.005	YE60100440200	
9		Terminal 2-4Y thickness 0.7(1000PCS/bag)	----	----	PAC	0.013	YE60200440100	
10		Guide rail H66-TRx1mm(Color-zinc plated)	----	----	BA	0.4	YE90660100000	
11		Motor cable 6x4Cx1.6M	----	----	BA	1	BE51060460150	(1)
12		Cable 6.0x4Cx5M	----	----	BA	1	BE51060400350	(1)
13		Cross socket head tapping screw GB6560 M4x6	----	----	PCS	9	YW67040600600	
14		Flat washer A grade GB/T97014(4.5x9x0.8)-Longzine	----	----	PCS	11	YW66041000000	
15		Cross socket head tapping screw GB/T9074.8 M3x6	----	----	PCS	2	YW63030601500	
16		Marked sleeve 2.5mm(100M/roll)	----	----	RL	0.01	YR70002540200	
17		Marked sleeve 1.5MM(100m/roll)	----	----	RL	0.002	YR70151000000	
18		Marked sleeve 6MM(100m/roll)	----	----	RL	0.5	YR70006000100	
19		Terminal 1.25-4Y insert(1000pcs/bag)	----	----	PAC	0.004	YE60125440000	
20		Terminal sleeve/insert(6.3(2000pcs/bag)	----	----	PAC	0.02	YE60006340000	
21		Wire bundle 2.5x100MM(1000pcs/bag)	----	----	PAC	0.03	YR90310000000	
22		Terminal1.25-3Y(1000pcs/bag)	----	----	PAC	0.004	YE60125340000	
23		Terminal5-5Y thickness 1.0(500PCS/bag)	----	----	PCS	10	YE60500540100	
24		Solenoid valve Cable SHR-S(2.5M)	----	----	BA	1	BE51002500150	(1)
25		Cable RS485 (SAL-700G-A-19)ver.0	----	----	PCS	1	YR40048500000	
Ver.C								
Note: (1) Means not part of control box.								
D			Drawing NO.	Title	SAL-20HP-UG	SAL-20HP-UG-CE-400V-C-5/1	Scale	Page 5/1
			Electrical Components List 2	C	C	Standard	CE	Totally 5 Pages
Mark			Before modification	Modified by	Date	Voltage	Frequency	400V
				20190701				50HZ
1			2	3	4	5	6	7
								8



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