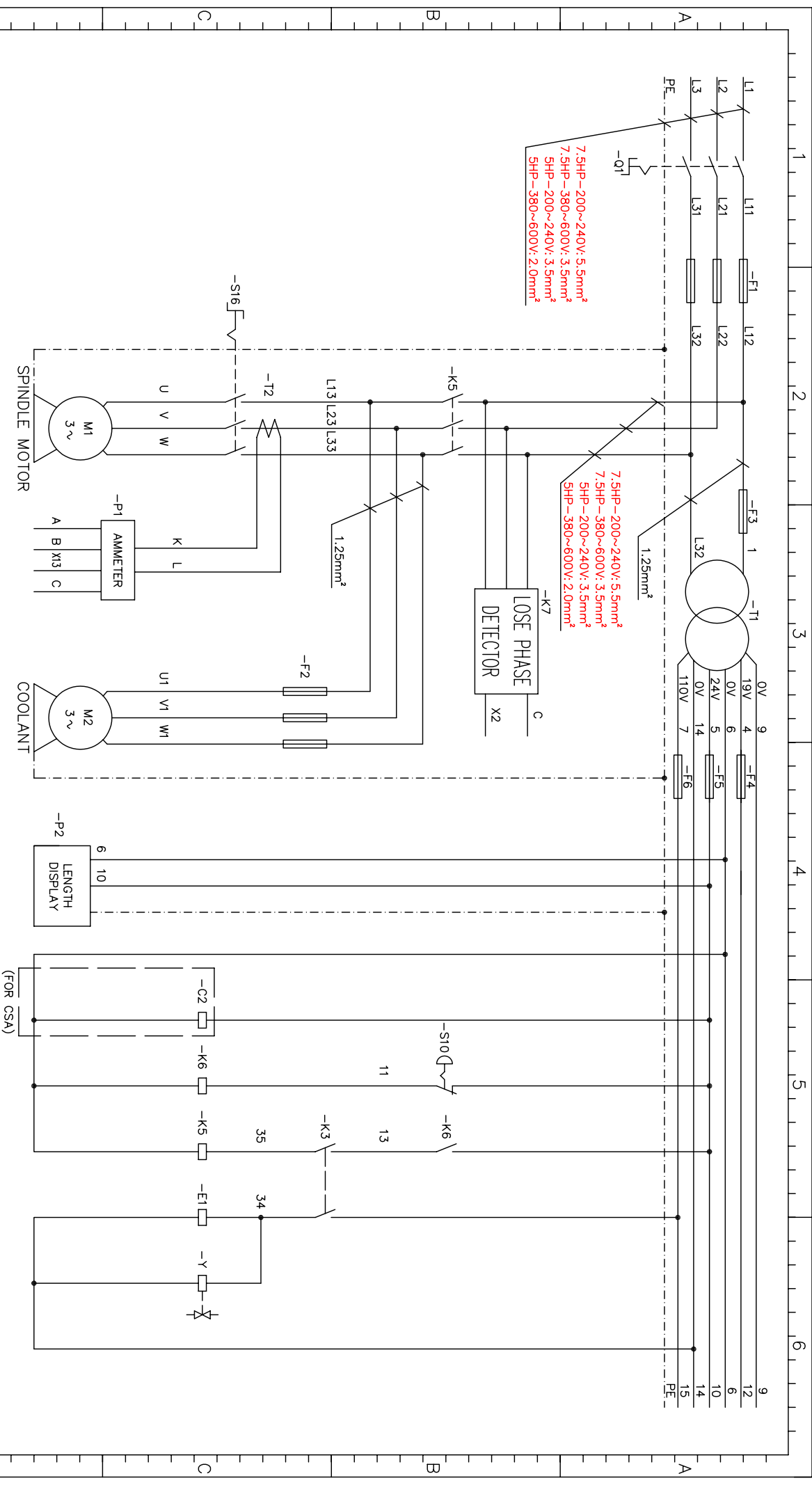


NO.		DRAW NO.	DESCRIPTION
01	C3VE001B02	INDEX	
02	C3VE002B01	POWER CIRCUIT (INVERTER)	
03	C3VE003B01	POWER CIRCUIT (STANDARD)	
04	C3VE004B01	CONTROL CIRCUIT	
05	C3VE006B02	PLC INPUT CIRCUIT	
06	C3VE008B01	PLC OUTPUT CIRCUIT	
07	C3VE010B01	OUTPUT RELAY CIRCUIT	
08	C3VE011B01	POWER SYSTEM LAYOUT	
09	C3VE012B02	CONTROL SYSTEM LAYOUT	
10	C3VE013B02	OPERATION PANEL LAYOUT	
11	C3VE014B02	INVERTER LAYOUT	
12	C3VE015B01	PARTS LIST_1/4	
13	C3VE016B01	PARTS LIST_2/4	
14	C3VE017B01	PARTS LIST_3/4	
15	C3VE018B01	PARTS LIST_4/4	

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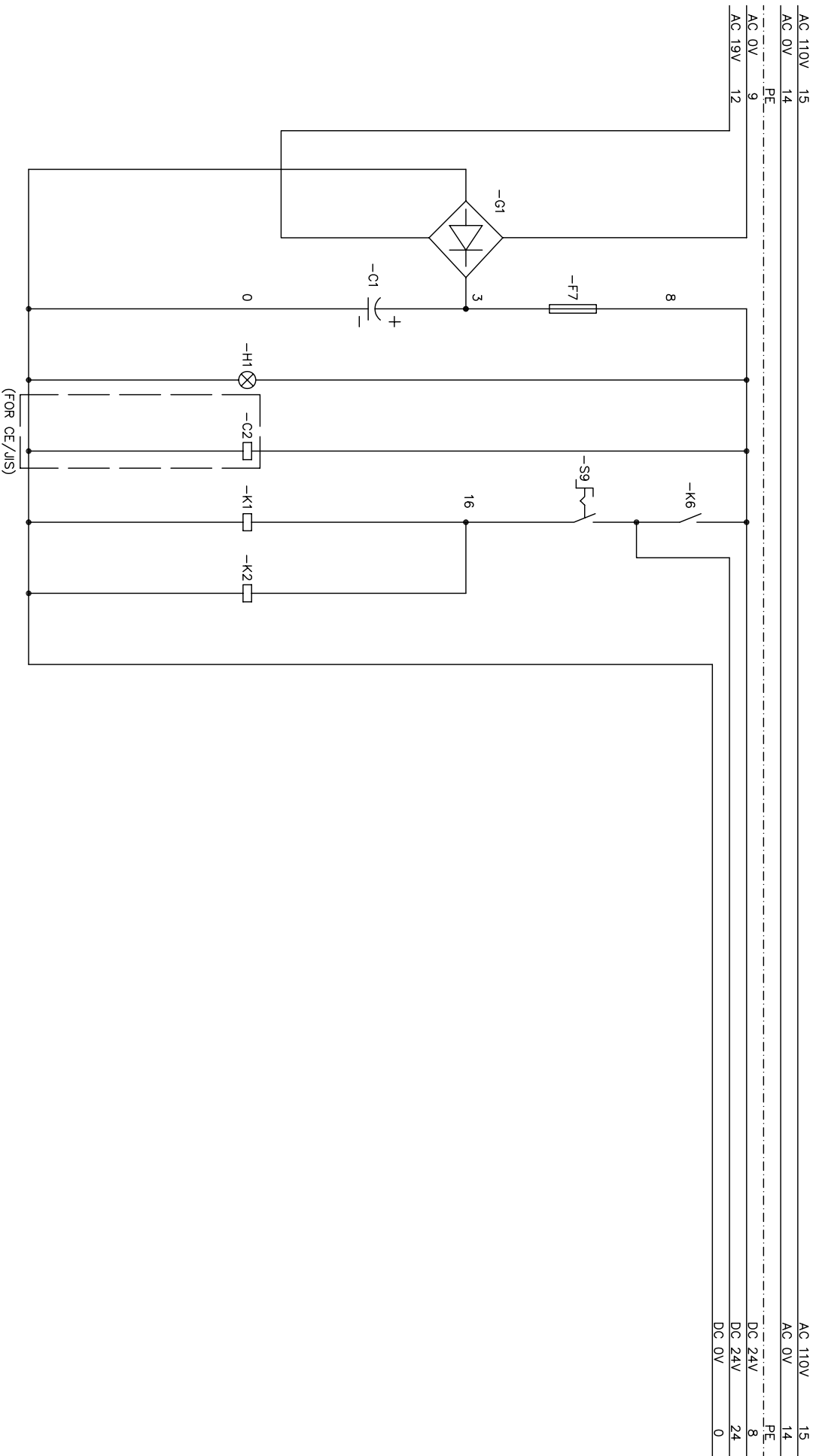
7.5HP-200~240V: 5.5mm²
7.5HP-380~600V: 3.5mm²
5HP-200~240V: 3.5mm²
5HP-380~600V: 2.0mm²

7.5HP-200~240V: 5.5mm²
7.5HP-380~600V: 3.5mm²
5HP-200~240V: 3.5mm²
5HP-380~600V: 2.0mm²

2007112803	劉建富	APPROVED	CHECKED	DRAWN	DEPARTMENT	NO.	C3VE003B01	POWER CIRCUIT (STANDARD)
2010072003	謝德霖	07.20.2010	07.20.2010	07.20.2010	工程師	Stuff		MC-36ONFA-DR
		黃瑞麟	謝坤旺	謝德霖	工程師	QTY.	Model	
						Scale	Size	Page

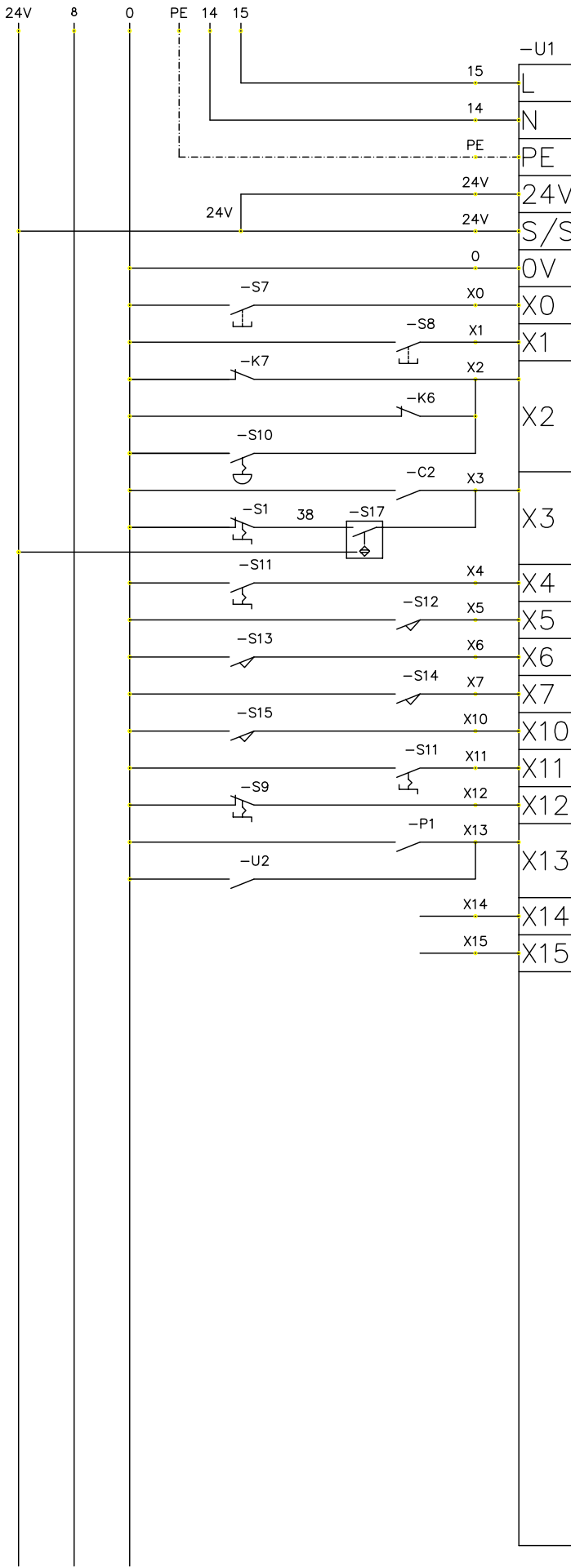


SOCO MACHINERY CO., LTD.



D		2007112803	劉建富	APPROVED	CHECKED	DRAWN	DEPARTMENT	NO.		C3VE004B01	soco MACHINERY CO., LTD.	
A		2010072003	謝德霖	工程部		07.20.2010	工程部	NO.		C3VE004B01	soco MACHINERY CO., LTD.	
B				工程部		07.20.2010	工程部	Title		CONTROL CIRCUIT		
C				工程部		07.20.2010	工程部	Model		MC-360NFA-DR		
D				工程部		07.20.2010	工程部	Size		A4	Page	

1 2 3 4 5 6

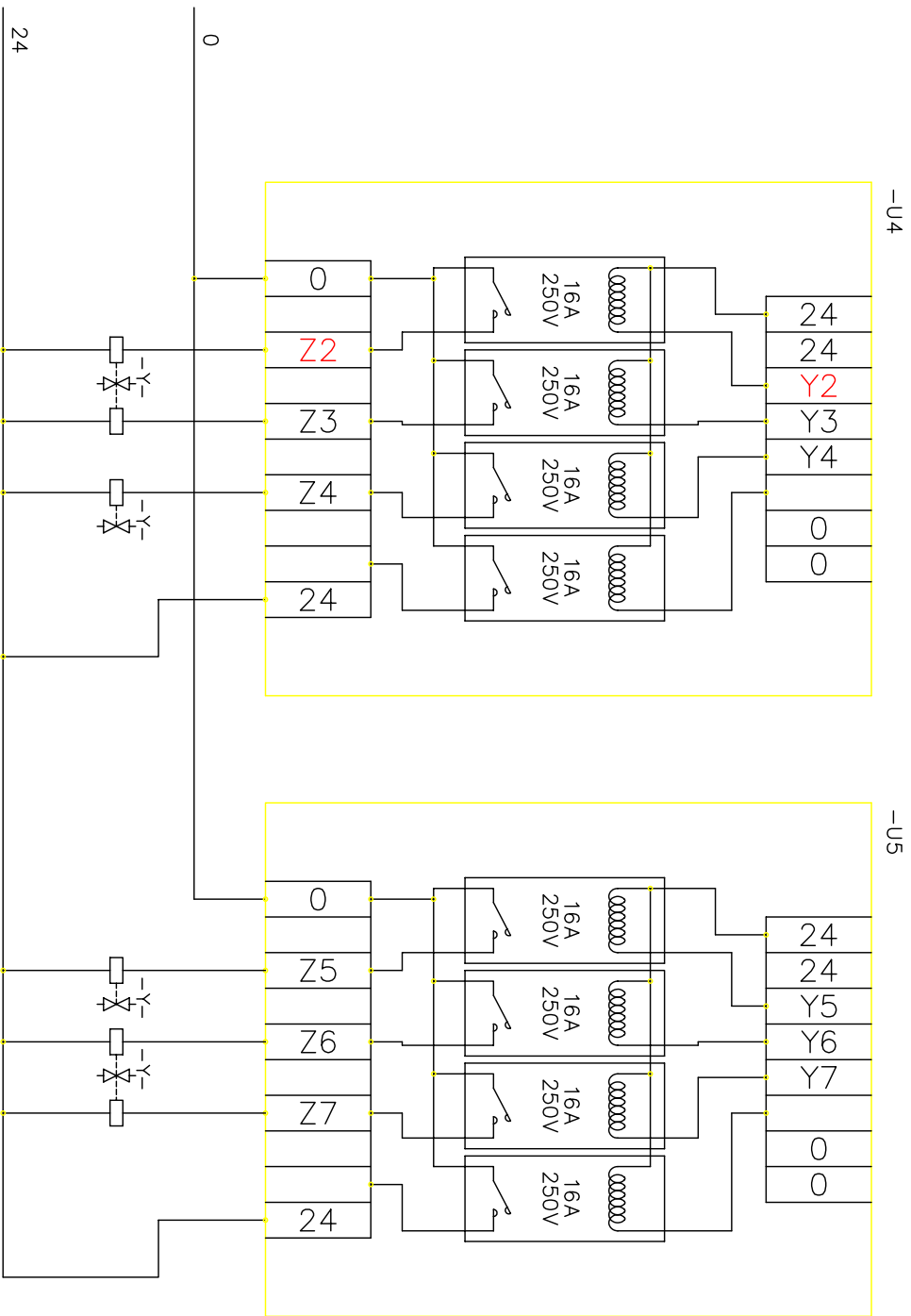


L	INPUT POWER
N	INPUT POWER
PE	EARTH LEAD
24V	DC 24V
S/S	DC 24V
0V	DC 0V
X0	FULLY AUTO MODE
X1	SEMI-AUTO MODE
X2	EMERGENCY STOP, POWER PHASES ERROR
X3	NO PIPE, WORK FINISHED
X4	1 STROKES
X5	UPPER LIMIT OF SAW BLADE MOTOR
X6	LOWER LIMIT OF SAW BLADE MOTOR
X7	REAR LIMIT OF FEEDING
X10	FRONT LIMIT OF FEEDING
X11	3 STROKES
X12	AUTO/MANUAL MODE
X13	SAW BLADE MOTOR OVERLOAD
X14	
X15	

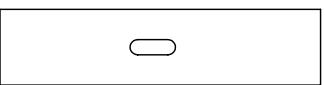
AXIN-24MR INPUT

SOCO MACHINERY CO., LTD.										D									
NO. C3VE006B02										5									
PLC INPUT CIRCUIT										6									
MC-360NFA-DR										Page									
Size A4										6									
Scale										5									
soco										4									
soco 工程 部 蔡國全										3									
DEPARTMENT										2									
DRAWN										1									
工程 部 07.20.2010 謝德霖										0									
CHECKED										0									
工程 部 07.20.2010 謝坤旺										0									
APPROVED										0									
工程 部 07.20.2010 黃瑞麟										0									
劉建富										0									
2007112803										0									
劉建富										0									
2007122404										0									
謝德霖										0									
2010072003										0									
A										0									

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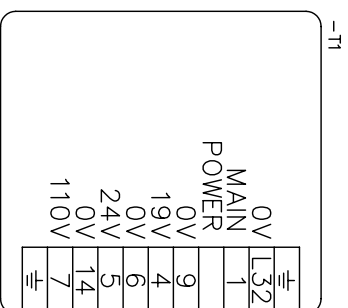
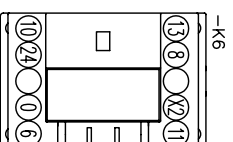
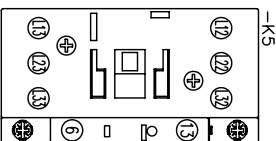
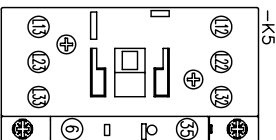
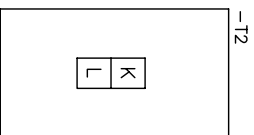


D		2007112803	劉建富	APPROVED	CHECKED	DRAWN	DEPARTMENT		NO. C3VE010B01		SOCO MACHINERY CO., LTD.				
A		2010072003	謝德霖	07.20.2010	07.20.2010	07.20.2010			NO.	C3VE010B01	OUTPUT RELAY CIRCUIT				
A				07.20.2010	07.20.2010	07.20.2010			STUFF		MC-360NFA-DR				
A				07.20.2010	07.20.2010	07.20.2010			QTY.		MC-360NFA-DR				
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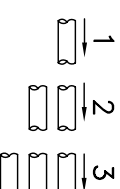
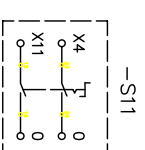
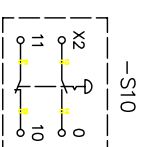
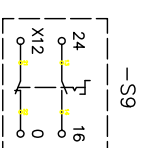
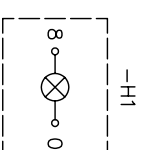
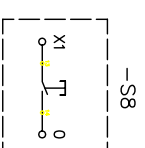
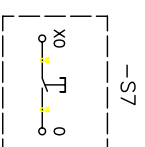
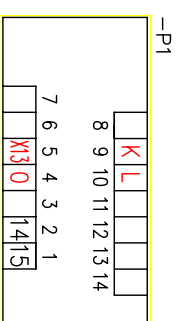


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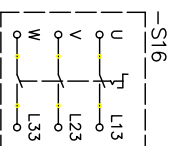
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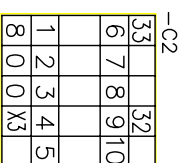
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Stuff	Title	POWER SYSTEM LAYOUT			
QTY.	Model	MC-360NFA-DR			
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	5				6



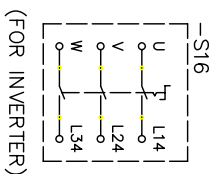
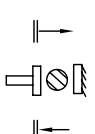
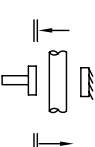
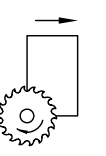
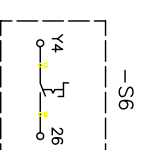
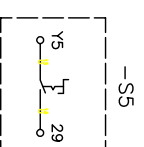
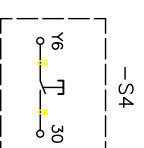
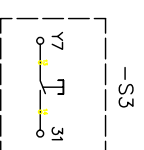
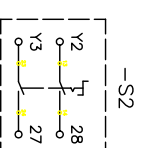
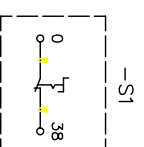
MOTOR SWITCH



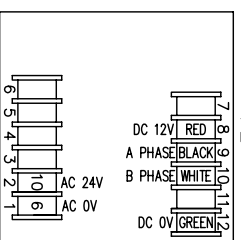
(FOR STANDARD)



(FOR CE/JIS)



(FOR INVERTER)

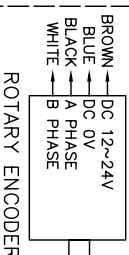


DR LENGTH METER

-P2

DC 12V RED
A PHASE BLACK
B PHASE WHITE
DC 0V GREEN

1-P



DEPARTMENT		DRAWN	CHECKED	APPROVED		
△	2007112803	劉建富				
△	2007122404	劉建富				
△	2010072003	謝德霖				
△						



No.	C3VE013B02	SOCO MACHINERY CO., LTD	
Stuff	Title	OPERATION PANEL LAYOUT	
QTY.	Model	MC-360NFA-DR	
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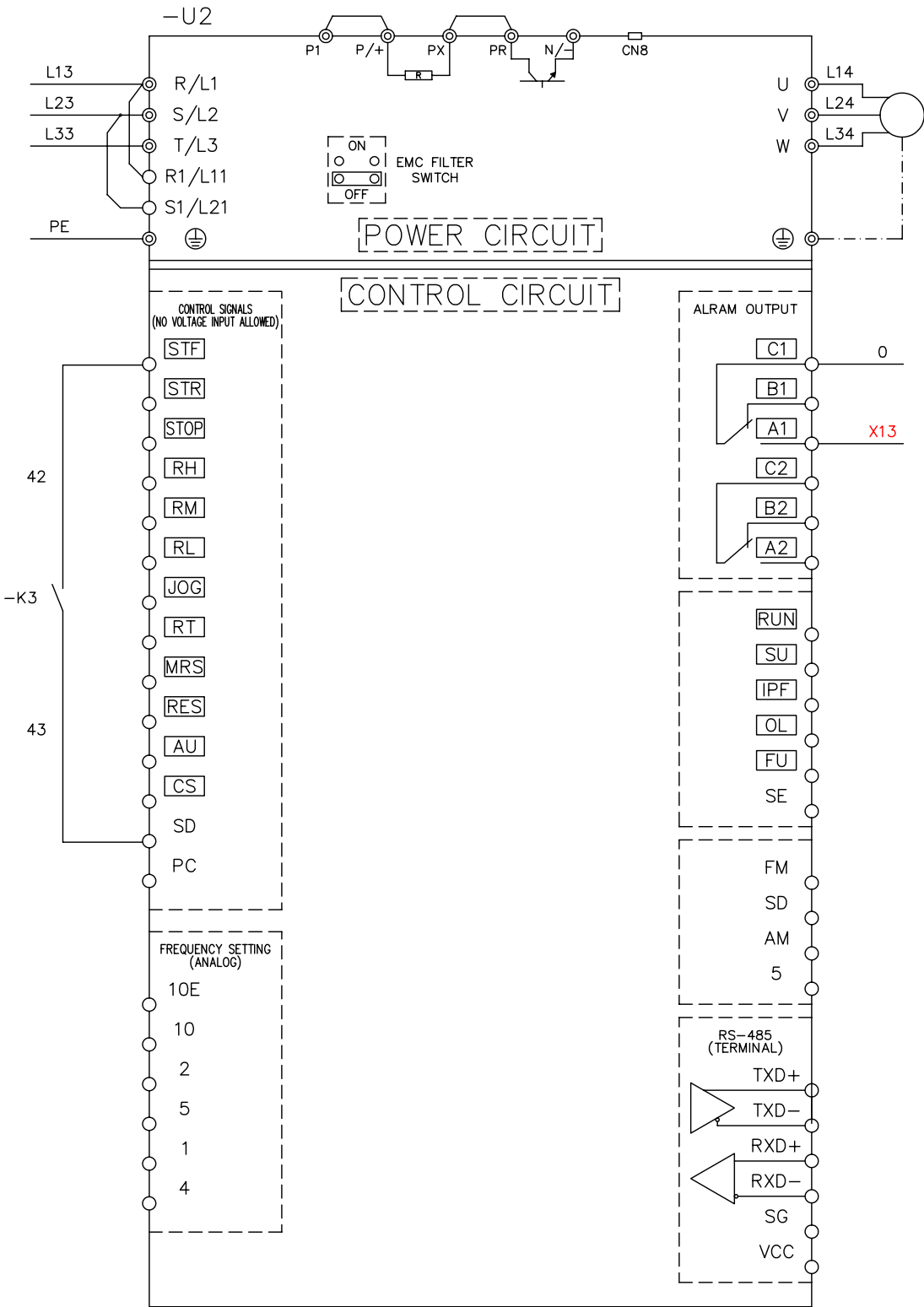
6
5
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NO. C3VE014B02

Stuff

QTY.

Scale

1:1.2

Size

A4

Page

6

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SOCO MACHINERY CO., LTD.

INVERTER LAYOUT

MC-360NFA-DR

1:1.2

A4

Page

6

NO. C3VE014B02

Stuff

QTY.

Scale

1:1.2

Size

A4

Page

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3

SOCO MACHINERY CO., LTD.

INVERTER LAYOUT

MC-360NFA-DR

1:1.2

A4

Page

6

1		2		3		4		5		6					
A	ITEM		PART NUM.	DESCRIPTION			TYPE			QT'Y					
	-C1		WE0034	CAPACITOR 電容器			4700μF-50V			01					
	-G1		WE0029	RECTIFIER 橋式整流器			25A, KBPC2506, 插頭			01					
	-H1		WH0012	POWER INDICATOR 電源指示燈			<YK>D22, 24V, 白色 (WHITE)			01					
	-K1		WR0033	RELAY 繼電器			<OMRON>MY-4NJ, DC24V			01					
	-K2,-K3		WR0017	RELAY 繼電器			<OMRON>MY-2NJ, DC24V			02					
	-K5		WS0528	MAGNETIC CONTACTOR 電磁接觸器			<MOELLER>DILM17-10,AC 24V			01					
	-K6		WS0526	MAGNETIC CONTACTOR 電磁接觸器			<MOELLER>DILM12-01,AC 24V			01					
	-M1		C3MG01	SPINDLE MOTOR 臥式馬達			5HP 4P,7.5HP 4P			01					
B	-P1		WD0214	AMMETER 盤面數位表			<CONCH>IU-41PAC-02-H			01					
	-P2		WC0043	LENGTH DISPLAY 尺寸顯示器			<CONCH>CA-60K-132, AC24V			01					
	-P3		WZ0149	ENCODER 譯碼器			<LINE SEIKI>CB-500HC			01					
	-Q1		WS0463	POWER SWITCH 電源開關			<MOELLER>P1-32/V/SVB-SW (32A)			01					
	-S1,-S5,-S6,-S9		WS0026	SELECT SWITCH 選擇開關二段式			<YK>D22, 黑 短柄, 1A1B			04					
	-S2,-S11		WS0093	SELECT SWITCH 選擇開關三段式			<YK>D22, 1A-0-1A, 雙向手動復歸			02					
	-S3,-S4,-S7,-S8		WB0013	PUSH BUTTON 平頭按鈕			<YK>D22, 黑色, 1A1B			04					
	-S10		WB0072	EMERGENCY STOP PUSH BUTTON 急停開關			<FUJI>AR22V2R-11R (RED)			01					
	-S12,-S13		WZ0029	LIMIT SWITCH 微動開關			<MOUJEN>MJ-7101-O			02					
C	-S14,-S15		WZ0174	LIMIT SWITCH 微動開關			<MOUJEN>M4-4101-3L			02					
	-S16		WS0485	POWER SWITCH 電源開關			<MOELLER>P1-32/EA/SVB-SW (32A)			01					
	-S17		WZ0044	PROXIMITY SWITCH 近接開關			<OMRON>E2E-X5E2 (B 接點)			01					
	-T1 (200.208.220 日/加.230.240V)		WA0175	1φ TRANSFORMER 變壓器		220VA		0.200-240.G/0.19.0.24.0.110.G		01					
	-T1 (220.380.400.415.440V)		WA0174	1φ TRANSFORMER 變壓器		220VA		0.220-440.G/0.19.0.24.0.110.G		01					
	-T1 (460.480V)		WA0177	1φ TRANSFORMER 變壓器		220VA		0.380-480.G/0.19.0.24.0.110.G		01					
	-T1 (575.600V)		WA0178	1φ TRANSFORMER 變壓器		220VA		0.480-600.G/0.19.0.24.0.110.G		01					
D	△0	2007112803	劉建富	APPROVED	CHECKED	DRAWN	DEPARTMENT			NO.	C3VE015B01	SOCO MACHINERY CO., LTD			
	△1	2010072003	謝德霖	黃瑞麟	謝坤旺	謝德霖				Stuff		Title	PARTS LIST 1/4		
										Model	MC-360NFA-DR				
	△2									Scale		Size	A4	Page	
	△3														
1		2		3		4		5		6					

1		2		3		4		5		6							
A												A					
	ITEM		PART NUM.	DESCRIPTION				TYPE			QT'Y						
	-T2		WD0216	C.T		比流器		AL-40CT 50/5A			01						
	-U1		WN0423	PLC		可程式控制器		<SHIH LIN>AX1N-24MR-ES			01						
	-U4,-U5		WR0041	RELAY UNIT		繼電器模組		BK-4N-D24			02						
	-X1,-X2		XC0149	TERMINAL BLOCK		接地端子台		<TEND>TB-6			02						
	-X3		XC0288	TERMINAL BLOCK		端子台		<IDEC>BNH15MW			25						
			WK0054	END PLATE		端子台側片		<IDEC>BNDE15W			01						
	-X11		XF0015	RELAY SOCKET		繼電器座		<OMRON>PYF-14A-E			01						
	-X12,-X13		XF0013	RELAY SOCKET		繼電器座		<OMRON>PYF-08A-E			02						
WITHOUT INVERTER																	
B	-K7 (208~480V)		WD0234	PHASE PROTECT RELAY		電力控制及監控模組		<CAROL GAVAZZI>DPA51CM44 (208-480V)			01	B					
	WITH INVERTER																
-U2 (200~240V) 5HP		WI0265	INVERTER		變頻器		<MITSUBISHI>FR-A720-3.7K (200-240V 5HP)			01	C						
-U2 (380~480V) 5HP		WI0282	INVERTER		變頻器		<MITSUBISHI>FR-A740-3.7K (380-480V 5HP)			01							
-U2 (200~240V) 7.5HP		WI0266	INVERTER		變頻器		<MITSUBISHI>FR-A720-5.5K (200-240V 7.5HP)			01							
-U2 (380~480V) 7.5HP		WI0283	INVERTER		變頻器		<MITSUBISHI>FR-A740-5.5K (380-480V 7.5HP)			01							
											C						
WATER COOLANT (水冷卻)																	
-M2		C3MG02	COOLANT PUMP		自吸式水幫浦		1/8 HP			01							
											D						
OIL SPRAY (氣油霧)																	
-E1		IK0059	LUBRICATOR		電動注油器		CEN02-2L 附 4mm 單向直角接頭			01							
D	△0	2007112803	劉建富	APPROVED	CHECKED	DRAWN	DEPARTMENT			NO.	C3VE016B01	SOCO MACHINERY CO., LTD				D	
	△1	2010072003	謝德霖	黃瑞麟	謝坤旺	謝德霖				Stuff		Title	PARTS LIST 2/4				
	△2									QTY.		Model	MC-360NFA-DR				
	△3									Scale			Size	A4	Page		
1		2		3		4		5		6							

1		2		3		4		5		6	
A	ITEM		PART NUM.		DESCRIPTION		TYPE		QT'Y		
	THESE COMPONENTS ARE USED FOR JIS CERTIFICATED										
	-C2		WC0037		COUNTER		計數器		<CONCH>CD-41K-N-DC24V		01
	-F1 (200~240V) 5HP		WS0569		NFB		無熔線斷路器		<MOELLER>FAZ-C20/3		01
	-F1 (380~415V)		WS0567		NFB		無熔線斷路器		<MOELLER>FAZ-C13/3		01
	-F1 (200~240V) 7.5HP		WS0570		NFB		無熔線斷路器		<MOELLER>FAZ-C25/3		01
	-F1 (380~415V)		WS0568		NFB		無熔線斷路器		<MOELLER>FAZ-C16/3		01
	-F3~-F7		WD0314		CIRCUIT PROTECTOR		迴路保護器		<MOELLER>FAZ-S2/1		05
B											
	WATER COOLANT (水冷卻)										
	-F2		WS0558		NFB		無熔線斷路器		<MOELLER>FAZ-C1/3		01
C											
D											

D	△0	2007112803	劉建富	APPROVED	CHECKED	DRAWN	DEPARTMENT			NO.	C3VE018B01		SOCO MACHINERY CO., LTD			
	△1	2010072003	謝德霖	黃瑞麟	謝坤旺	謝德霖				Stuff		Title	PARTS LIST 4/4			
	△2									QTY.		Model	MC-360NFA-DR			
	△3									Scale		Size	A4	Page		

1		2		3		4		5		6	
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