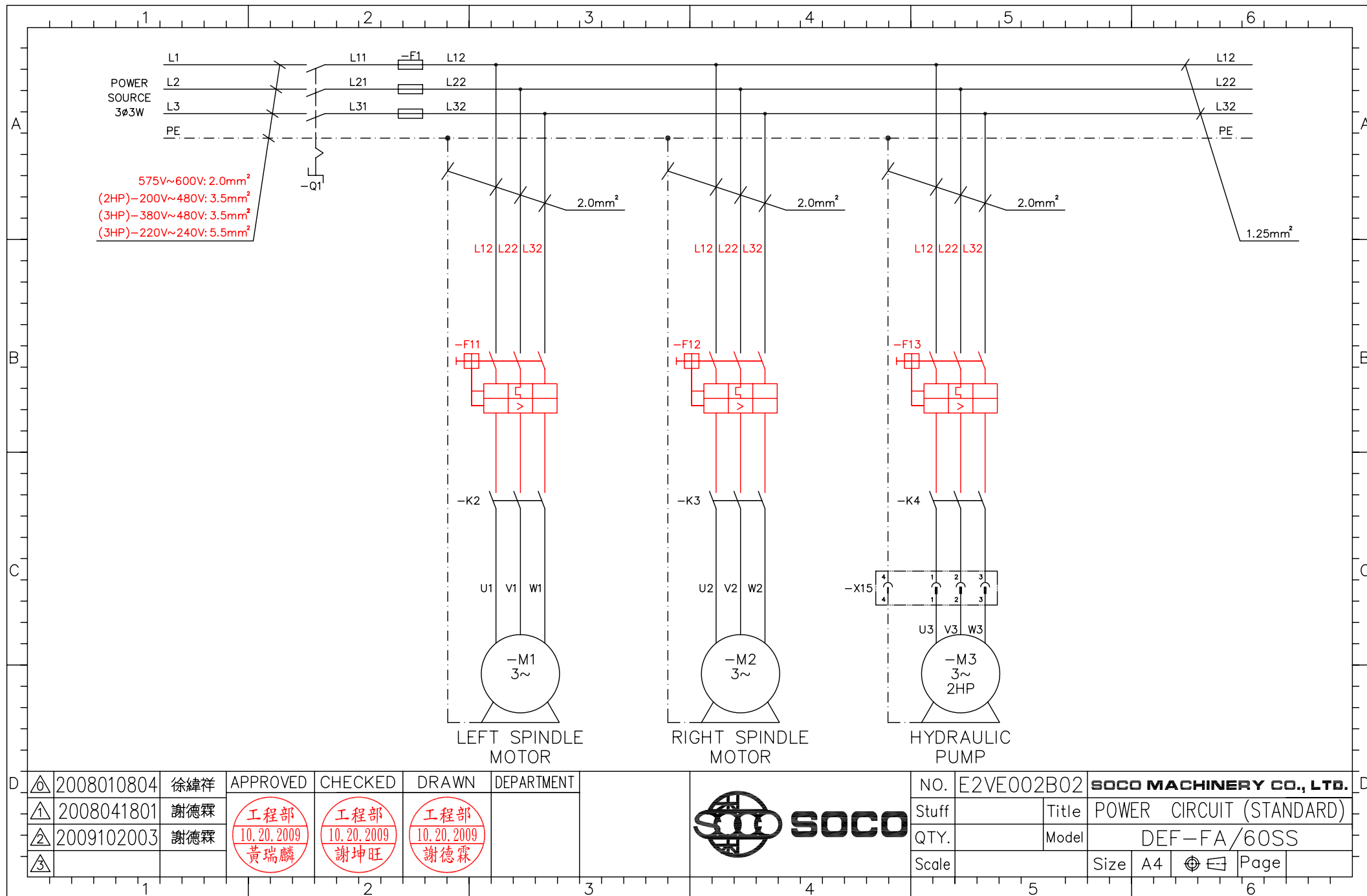
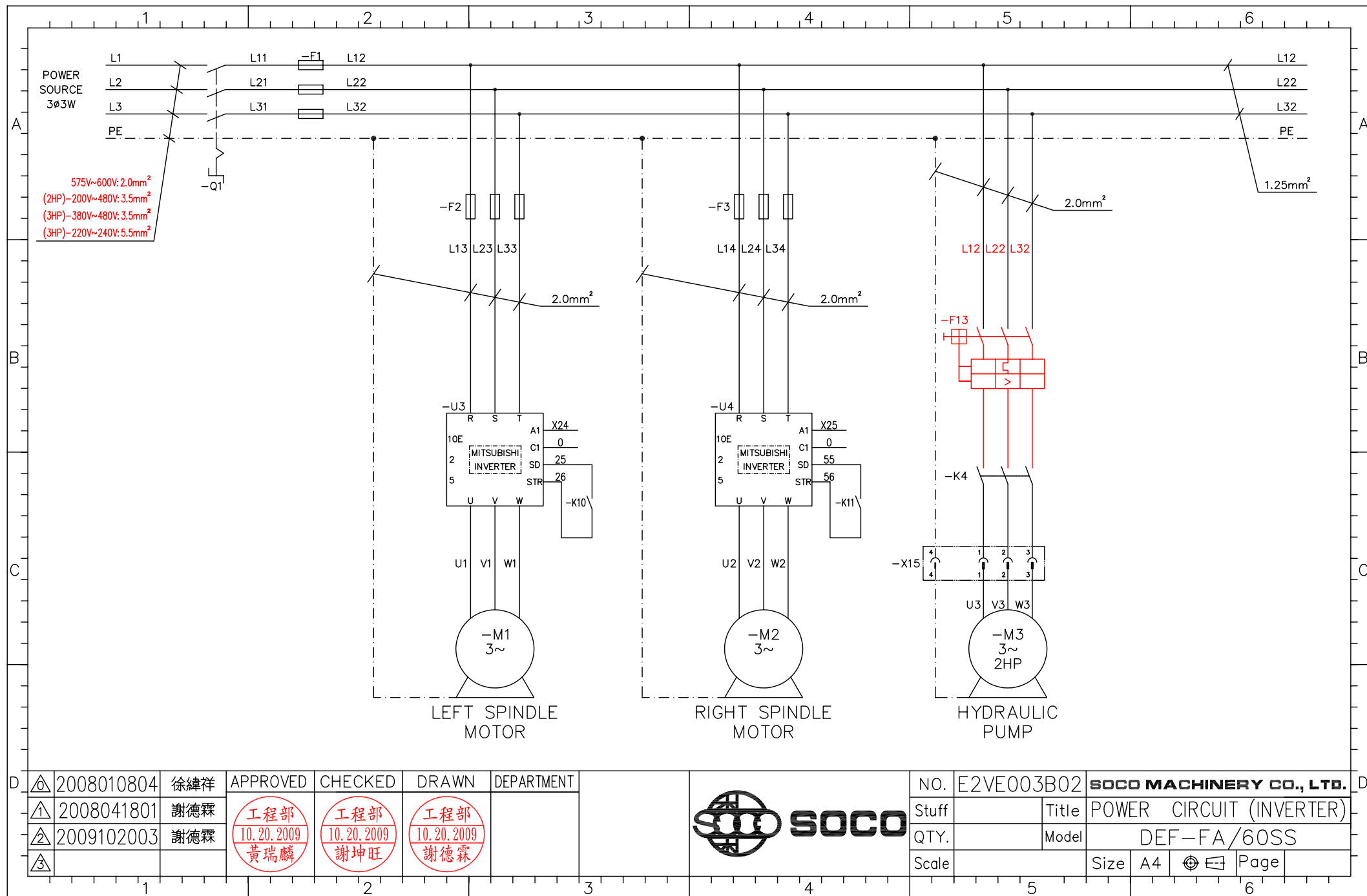


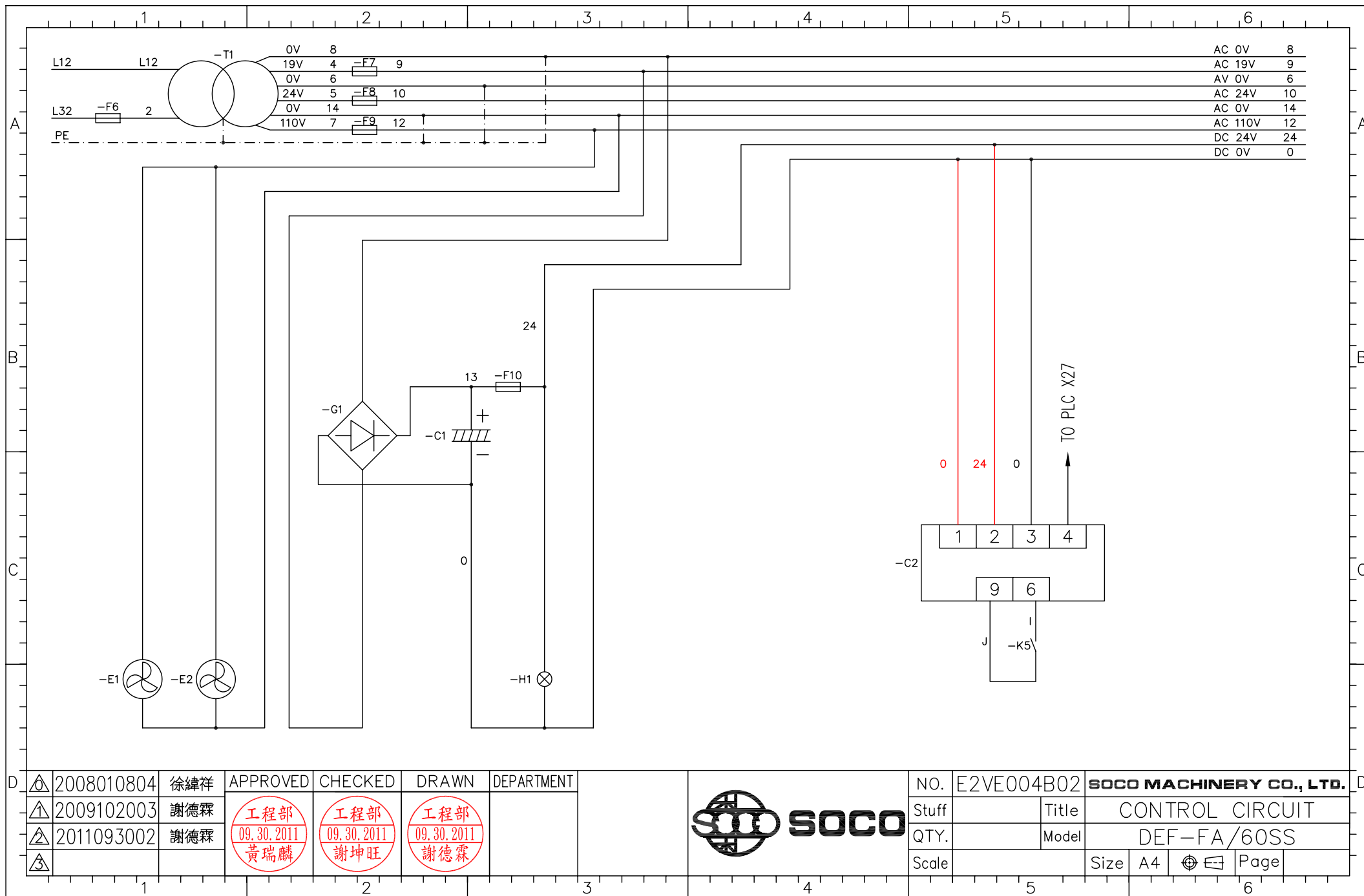
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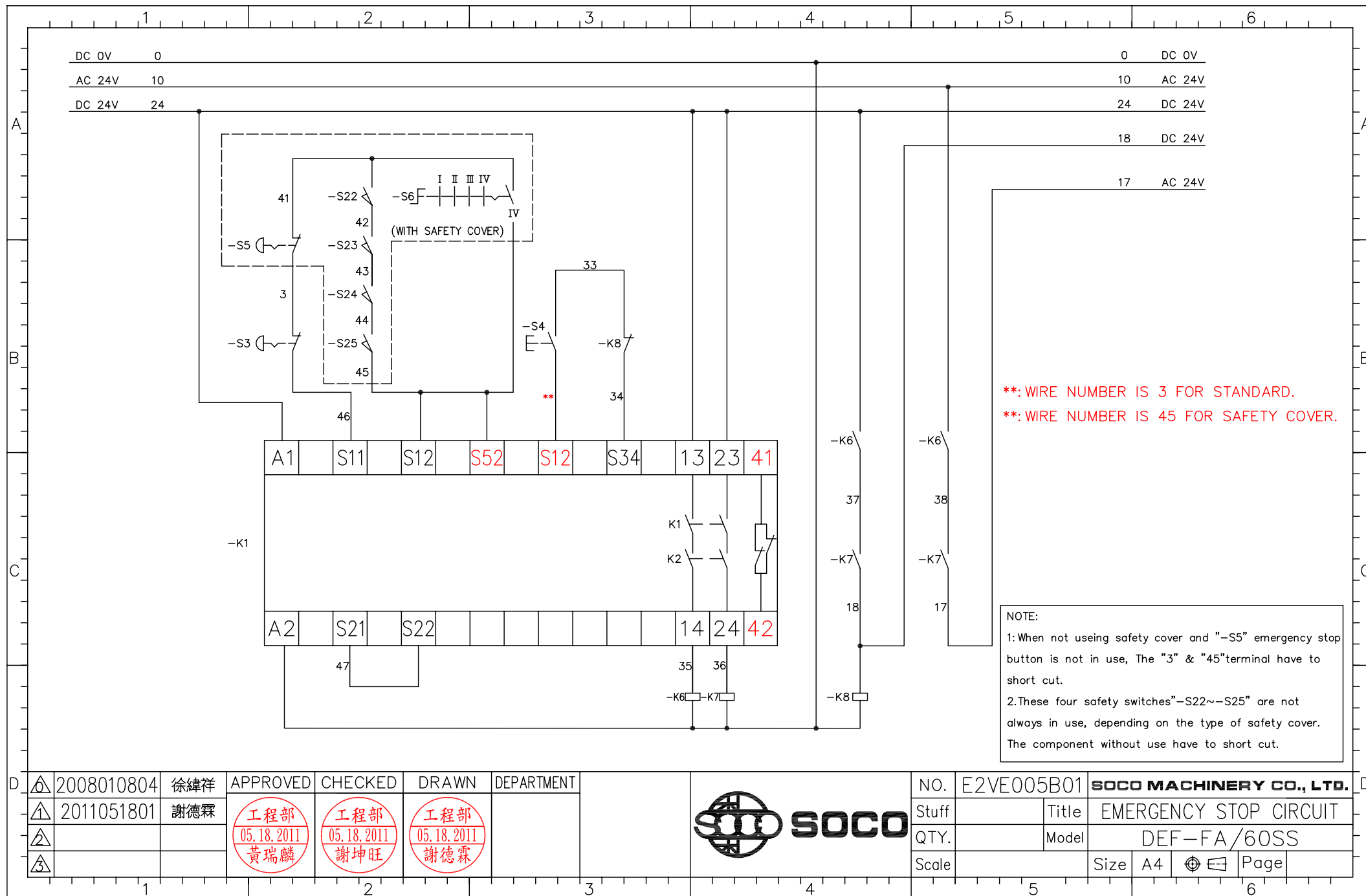
NO.	DRAW NO.	DESCRIPTION
01	E2VE001B06	INDEX
02	E2VE002B02	POWER CIRCUIT (STANDARD)
03	E2VE003B02	POWER CIRCUIT (INVERTER)
04	E2VE004B02	CONTROL CIRCUIT
05	E2VE005B01	EMERGENCY STOP CIRCUIT
06	E2VE007B04	PLC INPUT CIRCUIT_1/2
07	E2VE008B03	PLC INPUT CIRCUIT_2/2
08	E2VE010B04	PLC OUTPUT CIRCUIT
09	E2VE012B00	OUTPUT RELAY CIRCUIT
10	E2VE013B03	POWER SYSTEM LAYOUT
11	E2VE014B05	MASTER CONTROL SYSTEM LAYOUT
12	E2VE015B05	PANEL LAYOUT (WITH SAFETY COVER)
13	E2VE016B05	PANEL LAYOUT (STANDARD)
14	E2VE017B03	PARTS LIST_1/6
15	E2VE018B03	PARTS LIST_2/6
16	E2VE019B02	PARTS LIST_3/6
17	E2VE020B03	PARTS LIST_4/6
18	E2VE021B04	PARTS LIST_5/6
19	E2VE022B02	PARTS LIST_6/6

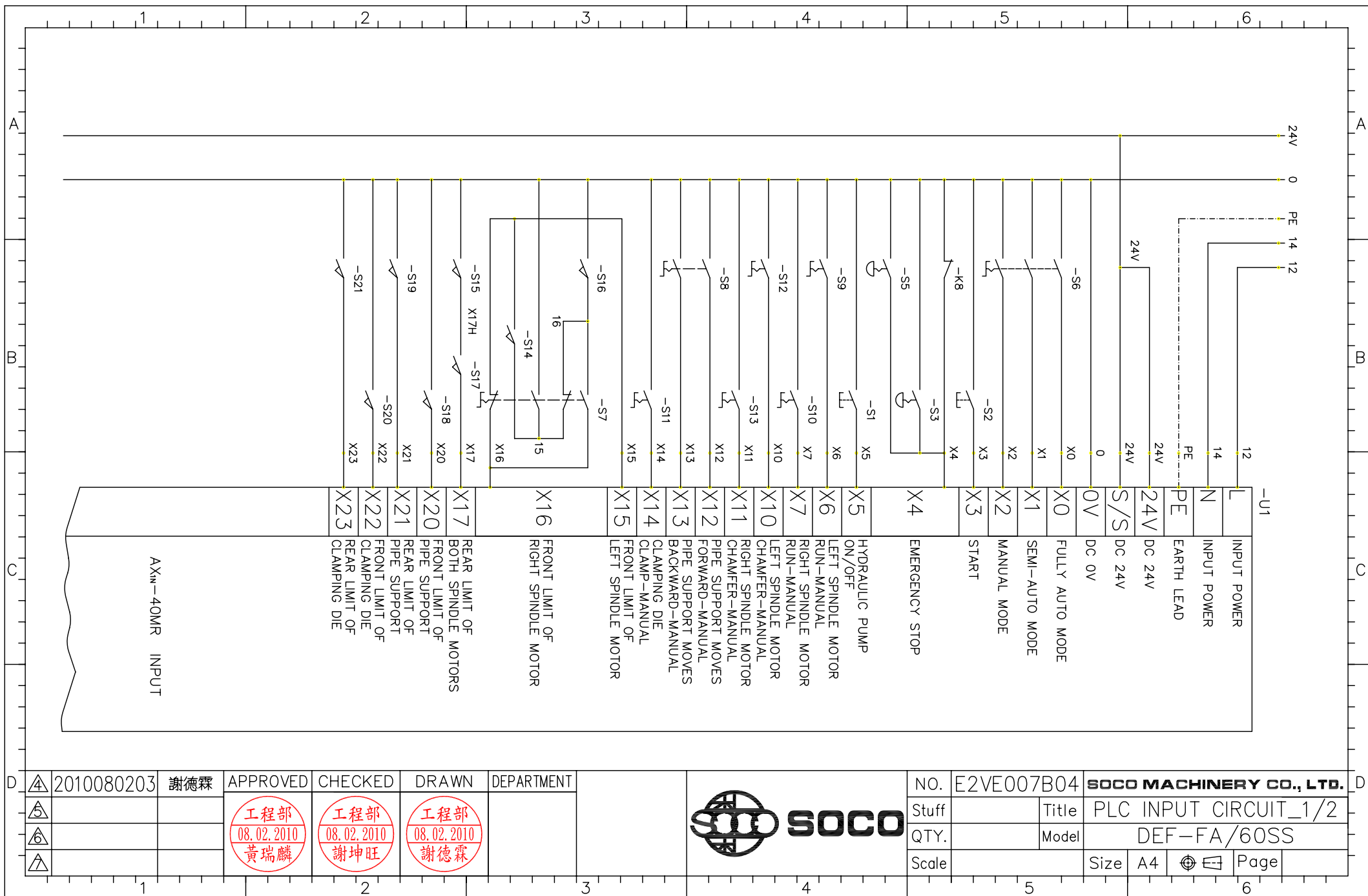
△	2010080203	謝德霖	APPROVED	CHECKED	DRAWN	DEPARTMENT			NO.	E2VE001B06	SOCO MACHINERY CO., LTD.			
△	2011051801	謝德霖					Stuff			Title	INDEX			
△	2011093002	謝德霖					QTY.			Model	DEF-FA/60SS			
△							Scale			Size	A4		Page	

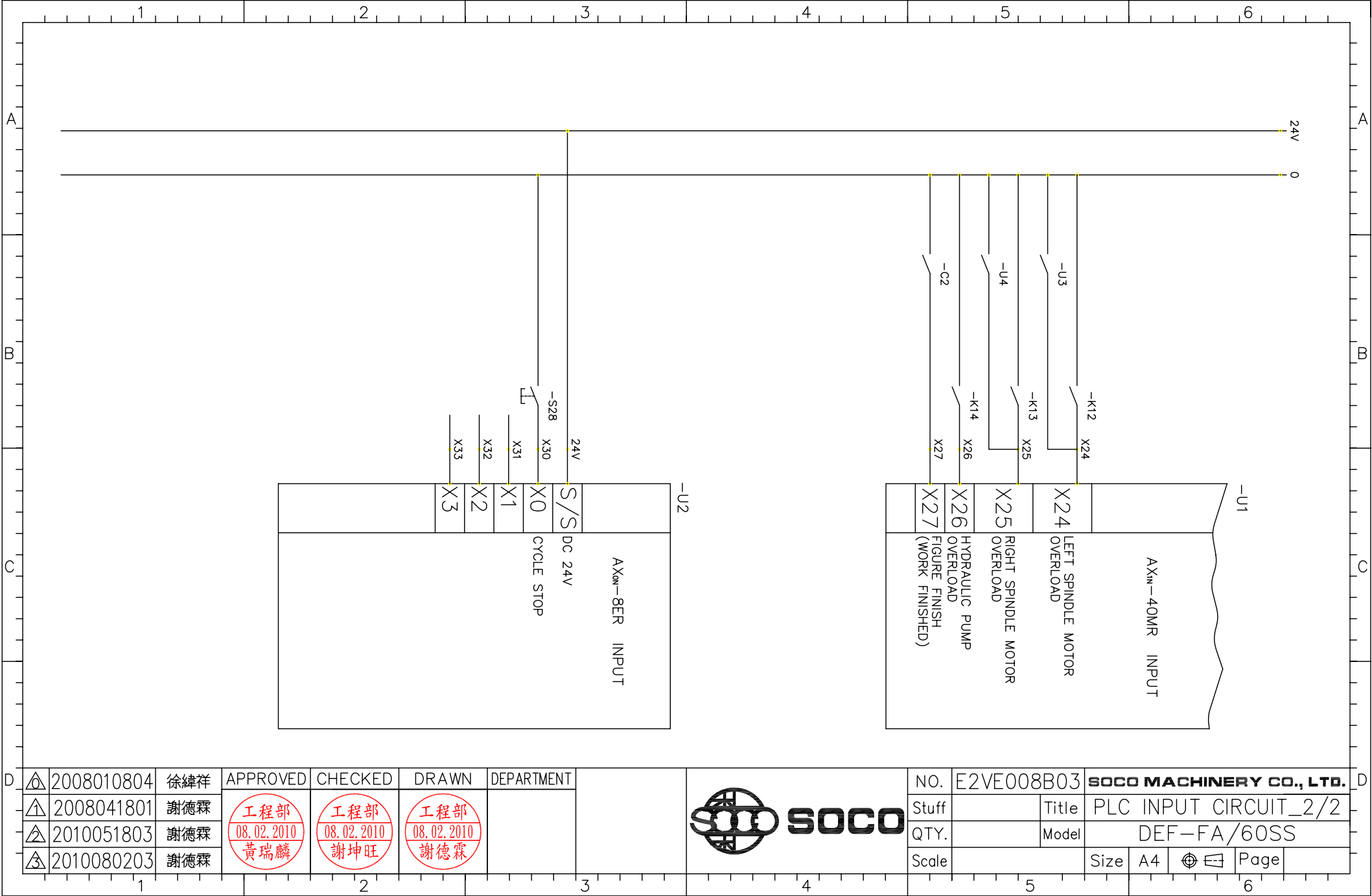








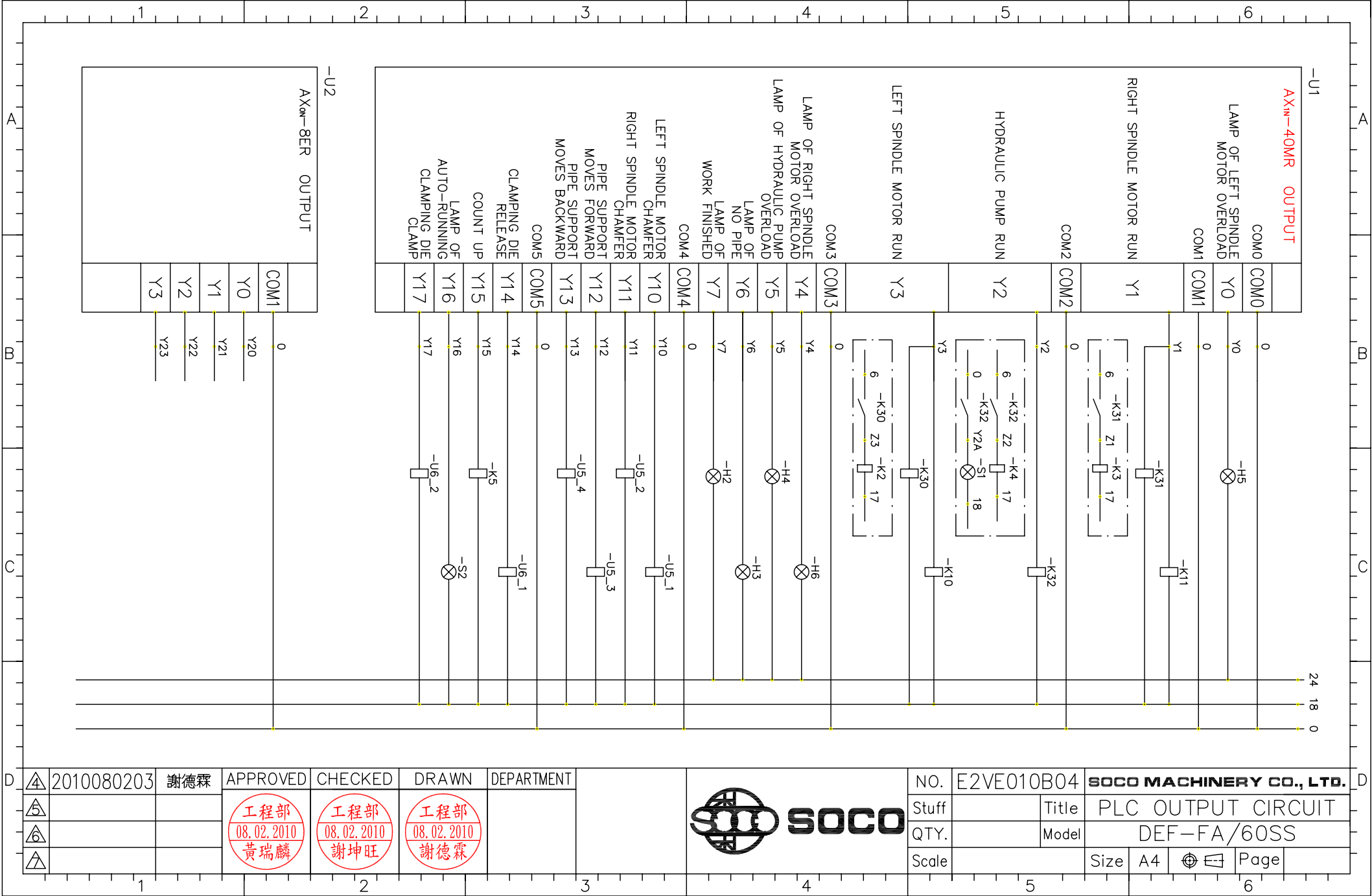


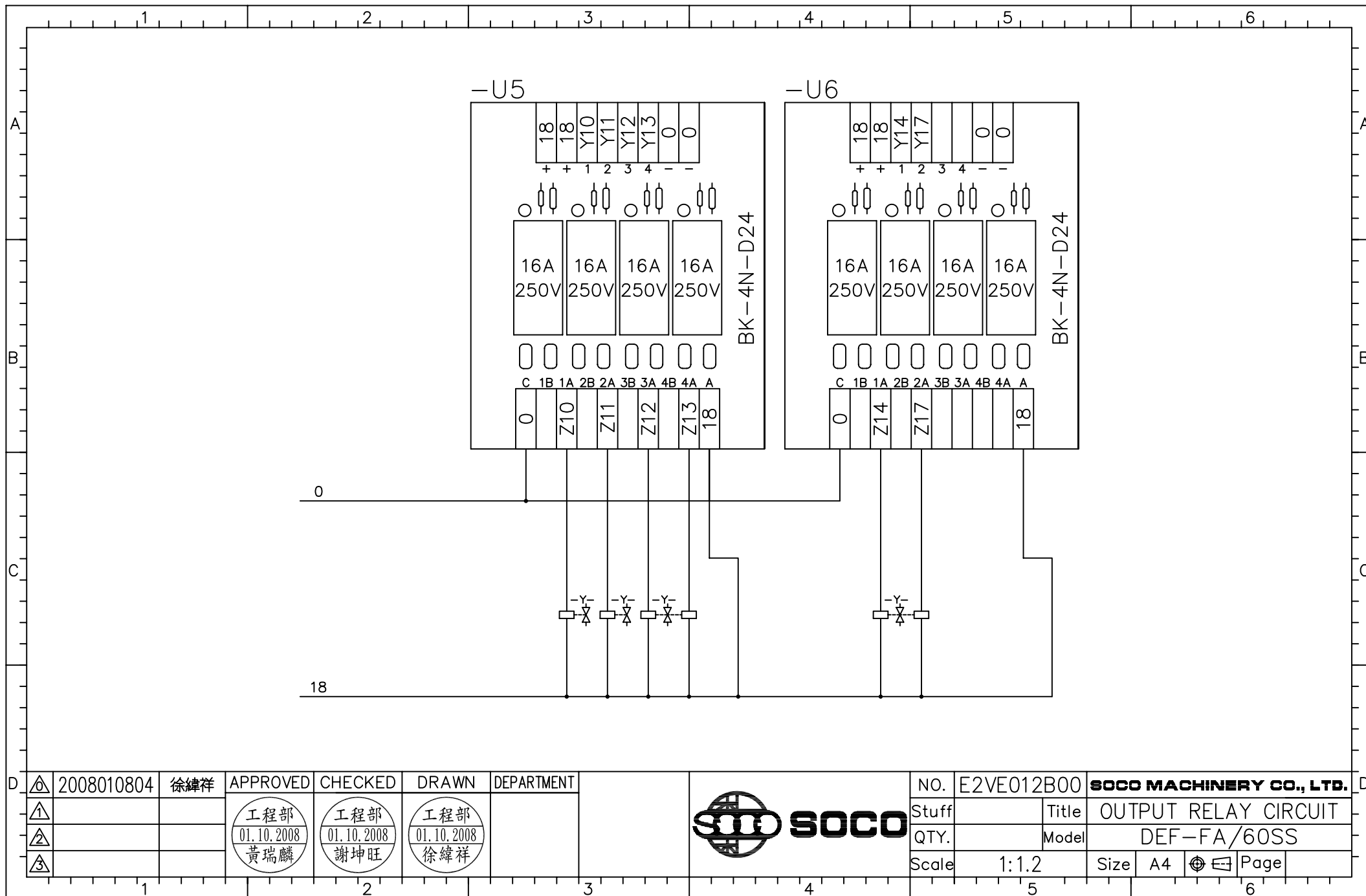


△	2008010804	徐緯祥	APPROVED	CHECKED	DRAWN	DEPARTMENT
△	2008041801	謝德霖	工程 部	工程 部	工程 部	
△	2010051803	謝德霖	08.02.2010 黃瑞麟	08.02.2010 謝坤旺	08.02.2010 謝德霖	
△	2010080203	謝德霖				



NO.	E2VE008B03	SOCO MACHINERY CO., LTD.			
Stuff		Title	PLC INPUT CIRCUIT_2/2		
QTY.		Model	DEF-FA/60SS		
Scale		Size	A4	Page	

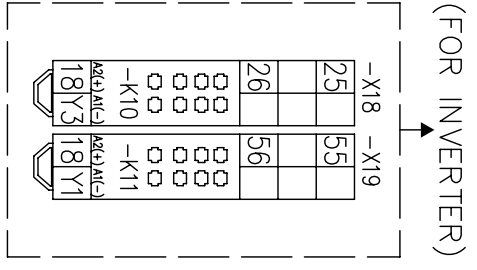
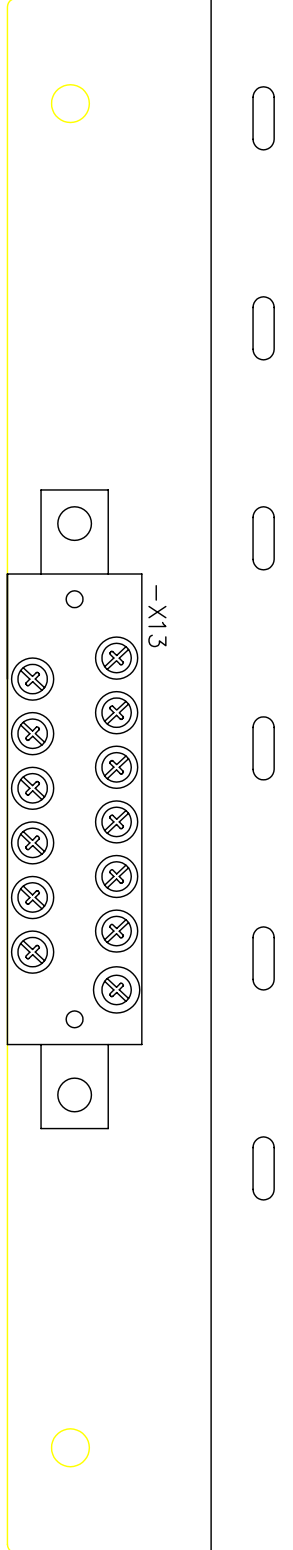
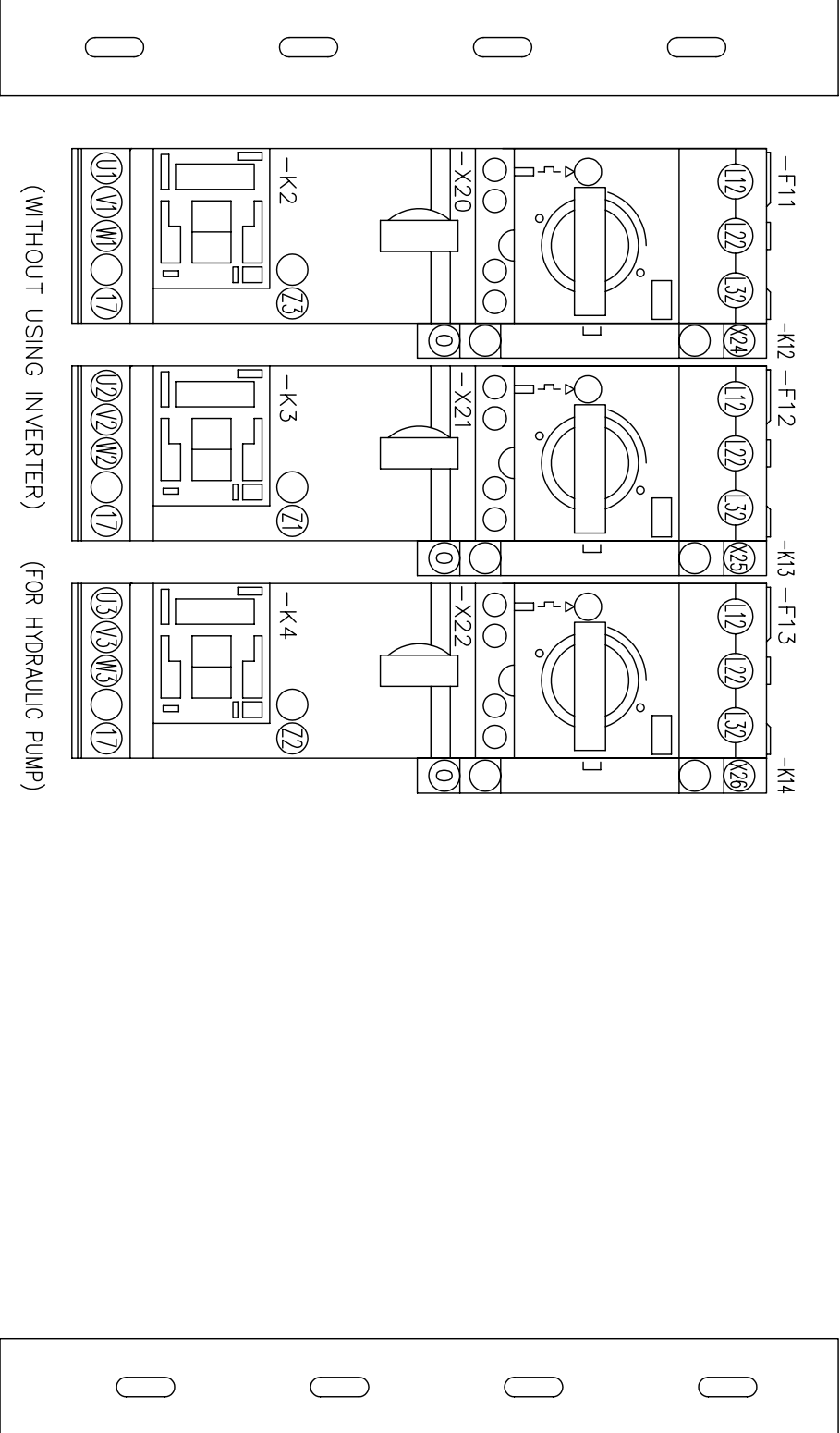
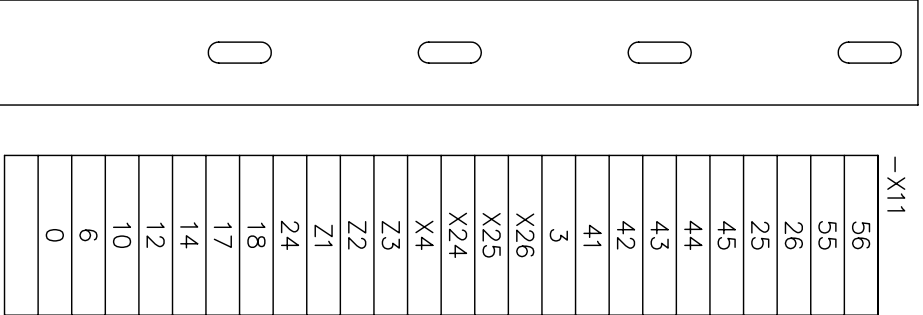
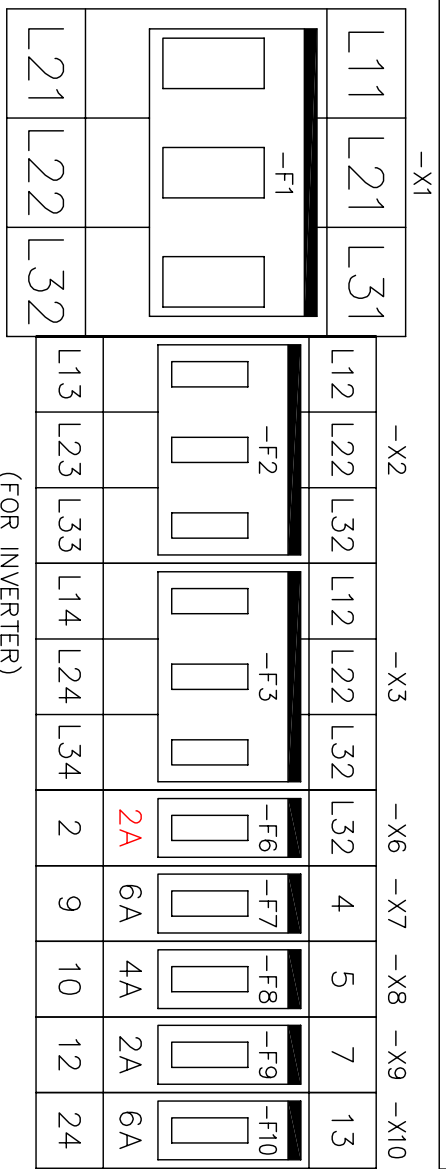
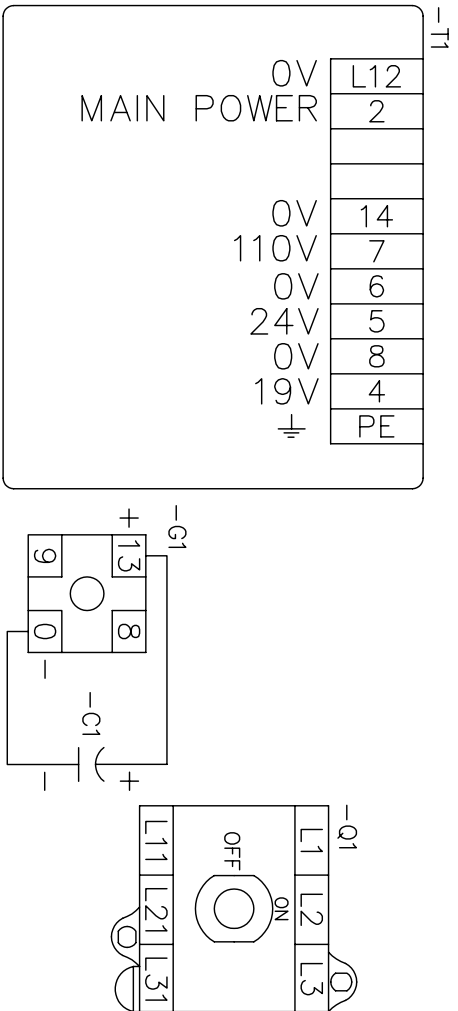




△	2008010804	徐緯祥	APPROVED	CHECKED	DRAWN	DEPARTMENT
△			工程部 01.10.2008 黃瑞麟	工程部 01.10.2008 謝坤旺	工程部 01.10.2008 徐緯祥	
△						
△						



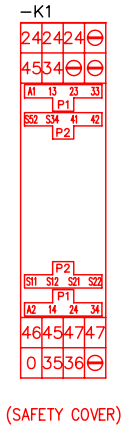
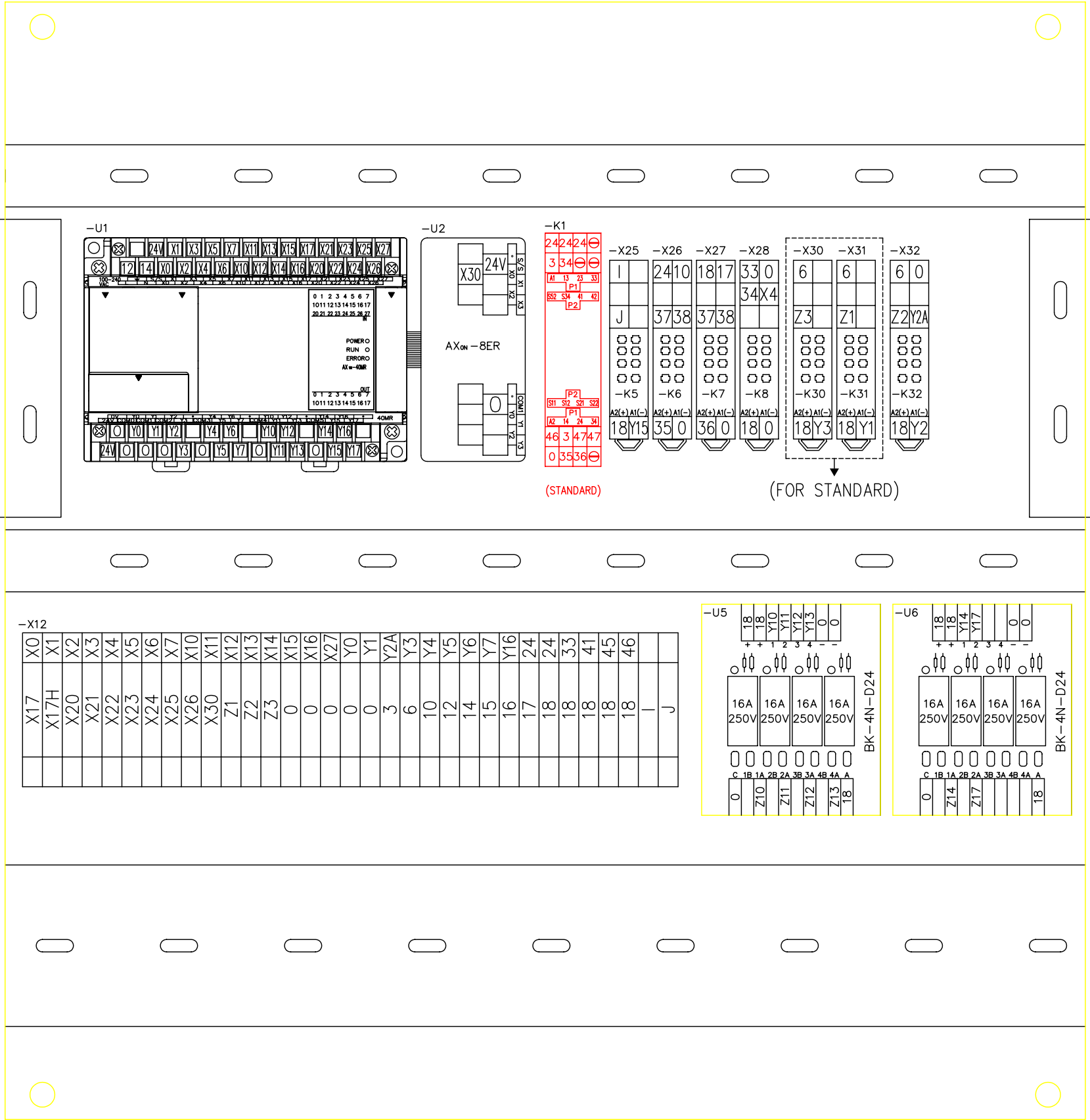
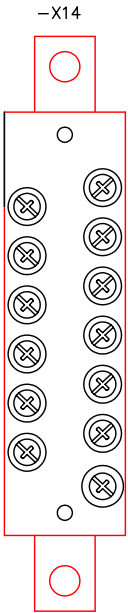
NO.	E2VE012B00	SOCO MACHINERY CO., LTD.	
Stuff		Title	OUTPUT RELAY CIRCUIT
QTY.		Model	DEF-FA/60SS
Scale	1:1.2	Size	A4
		Page	



2008010804	徐緯祥	APPROVED	CHECKED	DRAWN	DEPARTMENT
2008041801	謝德霖	工程部	工程部	工程部	
2009102003	謝德霖	05.18.2011	05.18.2011	05.18.2011	
2011051801	謝德霖	黃瑞麟	謝坤旺	謝德霖	



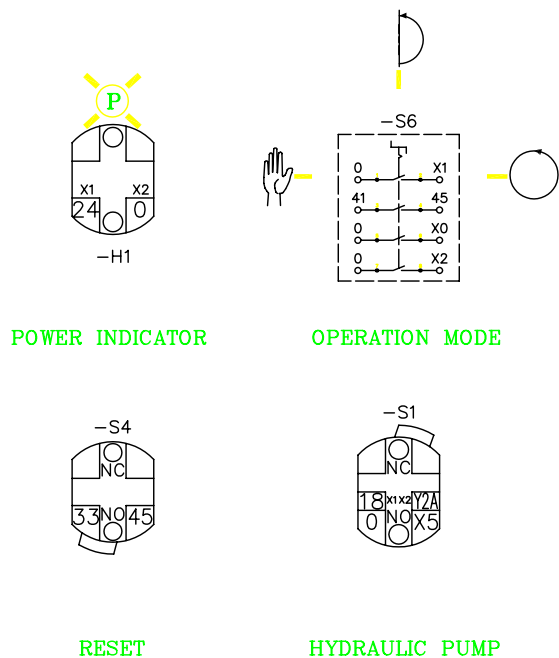
No.	E2VE013B03	SOCO MACHINERY CO., LTD.			
Stuff		Title	POWER SYSTEM LAYOUT		
QTY.		Model	DEF-FA/60SS		
Scale	1:1.8	Size	A3	Page	



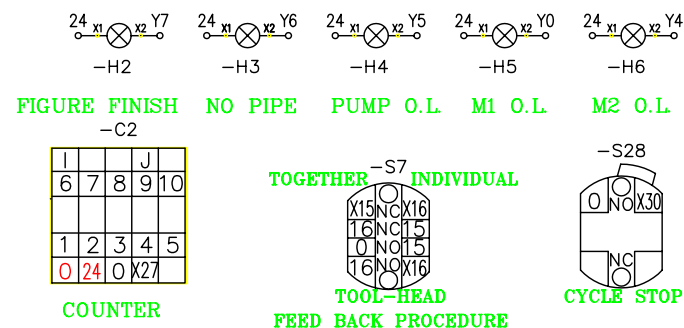
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2011051801	謝德霖	工程 05.18.2011 黃瑞麟	工程 05.18.2011 謝坤旺	工程 05.18.2011 謝德霖	



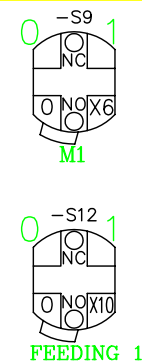
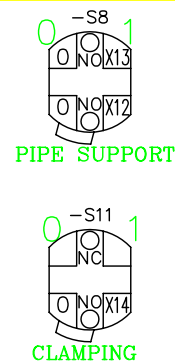
No.	E2VE014B05	SOCO MACHINERY CO., LTD.			
Stuff		Title	MASTER CONTROL SYSTEM LAYOUT		
QTY.		Model	DEF-FA/60SS		
Scale	1:2	Size	A3	Page	



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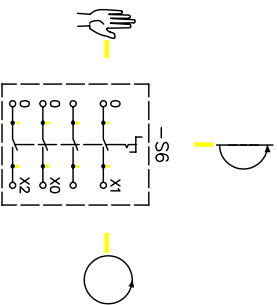
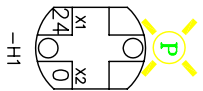
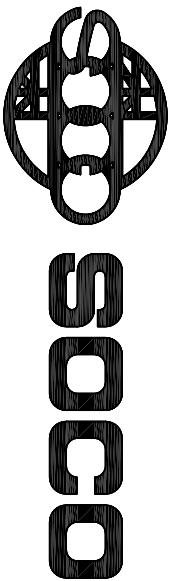


WITH SAFETY COVER

2011051801	謝德霖	APPROVED	CHECKED	DRAWN	DEPARTMENT
2011093002	謝德霖	工程部 09.30.2011 黃瑞麟	工程部 09.30.2011 謝坤旺	工程部 09.30.2011 謝德霖	



NO.	E2VE015B05	SOCO MACHINERY CO., LTD.	
Stuff		Title	PANEL LAYOUT (WITH SAFETY COVER)
QTY.		Model	DEF-FA/60SS
Scale	1:2.5	Size	A4
		Page	

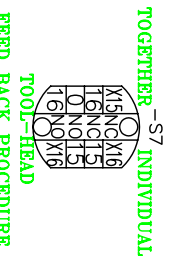
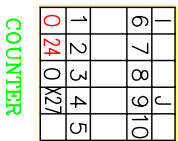
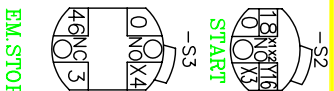


POWER INDICATOR

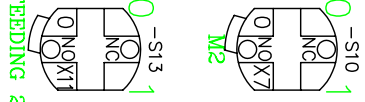
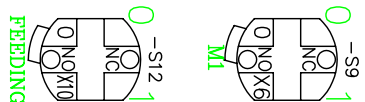
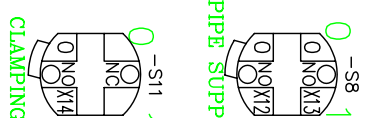
HYDRAULIC PUMP

OPERATION MODE

AUTO



MANUAL



NO.	E2VE016B05	SOCO MACHINERY CO., LTD.			
Stuff		Title	PANEL LAYOUT (STANDARD)		
QTY.		Model	DEF-FA/60SS		
Scale	1:2.5	Size	A4	Page	

STANDARD

2011051801	謝德霖	APPROVED	CHECKED	DRAWN	DEPARTMENT
2011093002	謝德霖	工程部 09.30.2011 黃瑞麟	工程部 09.30.2011 謝坤旺	工程部 09.30.2011 謝德霖	

1		2		3		4		5		6				
A	ITEM		PART NUM.	DESCRIPTION		TYPE				QT'Y				
	-C1		WE0034	CAPACITOR	電容器	4700μF-50V				01				
	-F13 (200~240V) 2HP		WD0328	MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-6.3				01				
	-F13 (380~415V)		WD0327	MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-4				01				
	-F13 (440~480V)		WD0327	MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-4				01				
	-F13 (575~600V)		WD0326	MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-2.5				01				
	-G1		WE0029	RECTIFIER	橋式整流器	25A KBPC2506 插頭 (PLUG)				01				
B	-H1		WH0012	POWER INDICATOR	電源指示燈	<YK>D22, 24V 白色 (WHITE)				01				
	-H2~-H6		WH0059	IDICATING LAMP	狀態指示燈	LED,φ8, 24V 紅色包鐵 (RED)				05				
	-K1		WR0071	SAFETY REALY	安全模組	<PILZ>PNOZ X2.8P				01				
	-K4		WS0527	MAGNETIC CONTACTOR	電磁接觸器	<MOELLER>DILM12-10, AC24V				01				
	-K5~-K8,-K32		WR0061	RELAY	繼電器	<IDEC>RJ2S-CLD-D24				05				
	-K14		WD0342	AUXILIARY CONTACT	輔助接點	<MOELLER>NHI11-PKZ0				01				
	-M1,-M2		E2MG01	SPINDLE MOTOR	臥式馬達	2HP 6P, 3HP 6P				02				
	-M3		E2MG02	HYDRAULIC PUMP	油壓幫浦馬達	2HP 4P				01				
	-Q1		WS0463	POWER SWITCH	電源開關	<MOELLER>P1-32/V/SVB-SW (32A)				01				
	-S1		WH0056	ILLUMINATION PUSH BUTTON	照光式按鈕	<YK>D22, 24V, 黃色 (YELLOW)				01				
C	-S2		WH0026	ILLUMINATION PUSH BUTTON	照光式按鈕	<YK>D22, 24V, 綠色 (GREEN)				01				
	-S3		WB0072	EMERGENCY STOP PUSH BUTTON	急停開關	<FUJI>AR22V2R-11R (RED)				01				
	-S4		WB0074	RESET PUSH BUTTON	按鈕開關	<YK>D22, 1A1B, 藍色 (BLUE)				01				
	-S6		WS0020	SELECT SWITCH	四段切換開關	<SHAN HO>SC-68B 360 度(1-4A)				01				
	-S6 (FOR SAFETY COVER)		WS0455	SELECT SWITCH	四段切換開關	<SHAN HO>SC-68B-360 度-4 段-2A				01				
	-S7		WS0027	SELECT SWITCH	選擇開關二段式	<YK>D22, 2A2B				01				
	-S8		WS0093	SELECT SWITCH	選擇開關三段式	<YK>D22, 1A-0-1A, 雙向手動復歸				01				
	-S9~~S13		WS0026	SELECT SWITCH	選擇開關二段式	<YK>D22, 1A1B				05				
D	△0	2008010804	徐緯祥	APPROVED	CHECKED	DRAWN	DEPARTMENT		NO.	E2VE017B03	SOCO MACHINERY CO., LTD			
	△1	2008041801	謝德霖	黃瑞麟 05.18.2011	謝坤旺 05.18.2011	謝德霖 05.18.2011			Stuff		Title	PARTS LIST_1/6		
	△2	2009102003	謝德霖						QTY.		Model	DEF-FA/60SS		
	△3	2011051801	謝德霖						Scale			Size	A4	Page
1		2		3		4		5		6				

1		2		3		4		5		6														
A	ITEM											PART NUM.	DESCRIPTION				TYPE				QT'Y			
	-S14,-S16											WZ0062	LIMIT SWITCH 微動開關				<MOUJEN>ME-8111F				02			
	-S15,-S17											WZ0060	LIMIT SWITCH 微動開關				<MOUJEN>ME-8108F				02			
	-S18,-S19~-S21											WZ0058	LIMIT SWITCH 微動開關				<MOUJEN>ME-8104F				04			
	-S28											WB0011	CYCLE STOP PUSH BUTTON 循環停止按鈕				<YK>D22, 紅色 (RED)				01			
	-T1 (200,208,220 日/加,230,240V)											WA0170	1φ TRANSFORMER 變壓器 250VA				0.200-240.G/0.19.0.24.0.110.G				01			
	-T1 (220,380,400,415,440V)											WA0169	1φ TRANSFORMER 變壓器 250VA				0.220-440.G/0.19.0.24.0.110.G				01			
	-T1 (460,480V)											WA0172	1φ TRANSFORMER 變壓器 250VA				0.380-480.G/0.19.0.24.0.110.G				01			
	-T1 (575,600V)											WA0173	1φ TRANSFORMER 變壓器 250VA				0.480-600.G/0.19.0.24.0.110.G				01			
	-U1											WN0424	PLC 可程式控制器				<SHIH LIN>AX1N-40MR-ES				01			
B	-U2											WN0174	EXTEND I/O MODULE PLC 擴充模組				<SHIH LIN>AX0N-8ER				01			
	-U5,-U6											WR0041	RELAY MODULE 繼電器模組				BK-4N-D24				02			
	-X11											XC0822	TERMINAL BLOCK 端子台				<IDEC>BNH15MW				26			
												WK0055	END PLATE 端子台側片				<IDEC>BNE15W				01			
	-X12											XC0288	TERMINAL BLOCK 端子台				<IDEC>BND15W				33			
												WK0054	END PLATE 端子台側片				<IDEC>BNDE15W				01			
	-X13,-X14											XC0148	TERMINAL BLOCK 接地端子台				<TEND>TB-12				02			
	-X15											ZL0033	CONNECTOR 電源接頭)				<LAN LING>LLPM-706-28-4P 金屬軟管用				01			
												ZL0028	CONNECTOR 電源接頭				<LAN LING>LLPM-706-28-4S				01			
	-X22											WD0370	WIRING SET 接線組				<MOELLER>PKZM0-XDM12				01			
C	-X25~-X28,-X32											XF0022	RELAY SOCKET 繼電器座				<IDEC>SJ2S-07L				05			
	OPTION: WITH SAFETY COVER																							
	-J1											WK0132	CONTROL BOX 控制盒				<TEND>T2-B1-Y, 黃色 (YELLOW)				01			
	-S5											WB0072	EMERGENCY STOP SWITCH 急停開關				<FUJI>AR22V2R-11R (RED)				01			
	-S22~-S25											WZ0245	SAFETY INTERLOCK SWITCH 安全開關				<OMRON>D4N-212G				04			
D	△0 2008010804 徐緯祥											APPROVED	CHECKED	DRAWN	DEPARTMENT			NO.	E2VE018B03	SOCO MACHINERY CO., LTD				
	△1 2008041801 謝德霖											黃瑞麟	謝坤旺	謝德霖		Stuff			Title	PARTS LIST_2/6				
	△2 2009102003 謝德霖															QTY.			Model	DEF-FA/60SS				
	△3 2010051803 謝德霖															Scale			Size	A4	Page			

1		2		3		4		5		6					
A	ITEM		PART	NUM.	DESCRIPTION		TYPE		QT'Y						
	OPTION:														
	WITHOUT USING INVERTER														
	-F11,-F12 (200~240V) 2HP		WD0328		MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-6.3		02						
	-F11,-F12 (380~415V)		WD0327		MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-4		02						
	-F11,-F12 (440~480V)		WD0327		MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-4		02						
	-F11,-F12 (575~600V)		WD0326		MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-2.5		02						
	-F11,-F12 (200~240V) 3HP		WD0329		MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-10		02						
	-F11,-F12 (380~415V)		WD0328		MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-6.3		02						
	-F11,-F12 (440~480V)		WD0328		MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-6.3		02						
	-F11,-F12 (575~600V)		WD0327		MOTOR-PROTECTIVE BREAKER	馬達保護開關	<MOELLER>PKZM0-4		02						
	-K2,-K3		WS0527		MAGNETIC CONTACTOR	電磁接觸器	<MOELLER>DILM12-10, AC24V		02						
	-K12,-K13		WD0342		AUXILIARY CONTACT	輔助接點	<MOELLER>NHI11-PKZ0		02						
	-K30,-K31		WR0061		RELAY	繼電器	<IDEC>RJ2S-CLD-D24		02						
	B	-X20,-X21		WD0370		WIRING SET	接線組	<MOELLER>PKZM0-XDM12		02					
-X30,-X31		XF0022		RELAY SOCKET	繼電器座	<IDEC>SJ2S-07L		02							
EQUIPPED WITH INVERTER															
-E1,-E2		WX0003		FAN	通風過濾網風扇組	FU-9703C-1S (AC110V)		02							
-K10,-K11		WR0061		RELAY	繼電器	<IDEC>RJ2S-CLD-D24		02							
-U3,-U4 (200~240V) 2HP		WI0263		INVERTER	變頻器	<MITSUBISHI>FR-A720-1.5K (200-240V 2HP)		02							
-U3,-U4 (380~480V)		WI0280		INVERTER	變頻器	<MITSUBISHI>FR-A740-1.5K (380-480V 2HP)		02							
-U3,-U4 (200~240V) 3HP		WI0264		INVERTER	變頻器	<MITSUBISHI>FR-A720-2.2K (200-240V 3HP)		02							
-U3,-U4 (380~480V)		WI0281		INVERTER	變頻器	<MITSUBISHI>FR-A740-2.2K (380-480V 3HP)		02							
-X18,-X19		XF0022		RELAY SOCKET	連接座	<IDEC>SJ2S-07L		02							
-X40,-X41		WI0296		CONTROL PANEL CONNECTOR	操作面板連接接頭	<MITSUBISHI>FR-ADP		02							
D	△0	2008010804	徐緯祥	APPROVED	CHECKED	DRAWN	DEPARTMENT		NO.	E2VE019B02		SOCO MACHINERY CO., LTD			
	△1	2008041801	謝德霖	黃瑞麟	謝坤旺	謝德霖			Stuff		Title	PARTS LIST_3/6			
	△2	2009102003	謝德霖						QTY.		Model	DEF-FA/60SS			
	△3								Scale			Size	A4	Page	
	1		2						3		4		5		6

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A	ITEM		PART	NUM.	DESCRIPTION		TYPE		QT'Y					
	THESE COMPONENTS ARE FOR CE CERTIFICATION ONLY													
	-C2		WC0037		COUNTER	計數器	<CONCH>CD-41K-N-DC24V		01					
	-F1 (200~240V) 2HP		WD0176		FUSE	保險絲	10*38-AM-25A (慢速型)		03					
	-F1 (380~480V)		WD0178		FUSE	保險絲	10*38-AM-12A (慢速型)		03					
	-F1 (200~240V) 3HP		WD0200		FUSE	保險絲	14*51-AM-32A (慢速型)		03					
	-F1 (380~480V)		WD0180		FUSE	保險絲	10*38-AM-16A (慢速型)		03					
	-F6,-F9		WD0018		FUSE	保險絲	10*38-GL-2A		02					
	-F7,-F10		WD0177		FUSE	保險絲	10*38-GL-6A		02					
	-F8		WD0172		FUSE	保險絲	10*38-GL-4A		01					
B	-X1 (3HP 200~240V)		WD0058		FUSE SOCKET	保險絲座	14*51*3P		01					
	-X1 (OTHER)		WD0020		FUSE SOCKET	保險絲座	10*38*3P		01					
	-X6~-X10		WD0019		FUSE SOCKET	保險絲座	10*38*1P		05					
C	EQUIPPED WITH INVERTER													
	-F2,-F3 (200~240V) 2HP		WD0170		FUSE	保險絲	10*38-AM-8A (慢速型)		06					
	-F2,-F3 (380~480V)		WD0179		FUSE	保險絲	10*38-AM-4A (慢速型)		06					
	-F2,-F3 (200~240V) 3HP		WD0171		FUSE	保險絲	10*38-AM-10A (慢速型)		06					
	-F2,-F3 (380~480V)		WD0184		FUSE	保險絲	10*38-AM-6A (慢速型)		06					
	-X2,-X3		WD0020		FUSE SOCKET	保險絲座	10*38*3P		02					
D	△0	2008010804	徐緯祥	APPROVED	CHECKED	DRAWN	DEPARTMENT		NO.	E2VE020B03	SOCO MACHINERY CO., LTD			
	△1	2008041801	謝德霖	黃瑞麟 05.18.2011	謝坤旺 05.18.2011	謝德霖 05.18.2011			Stuff		Title	PARTS LIST_4/6		
	△2	2009102003	謝德霖						QTY.		Model	DEF-FA/60SS		
	△3	2011051801	謝德霖						Scale		Size	A4	Page	
1		2		3		4		5		6				

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A	ITEM		PART NUM.	DESCRIPTION			TYPE			QT'Y					
	THESE COMPONENTS ARE FOR CSA CERTIFICATION ONLY														
	-C2		WC0071	COUNTER			計數器	<OMRON>H7CX-A4D-N			01				
	-F1 (200~240V) 2HP		WD0176	FUSE			保險絲	10*38-AM-25A (慢速型)			03				
	-F1 (380~480V)		WD0178	FUSE			保險絲	10*38-AM-12A (慢速型)			03				
	-F1 (575~600V)		WD0171	FUSE			保險絲	10*38-AM-10A (慢速型)			03				
	-F1 (200~240V) 3HP		WD0200	FUSE			保險絲	14*51-AM-32A (慢速型)			03				
	-F1 (380~480V)		WD0180	FUSE			保險絲	10*38-AM-16A (慢速型)			03				
	-F1 (575~600V)		WD0178	FUSE			保險絲	10*38-AM-12A (慢速型)			03				
	-F6,-F9		WD0018	FUSE			保險絲	10*38-GL-2A			02				
B	-F7,-F10		WD0177	FUSE			保險絲	10*38-GL-6A			02				
	-F8		WD0172	FUSE			保險絲	10*38-GL-4A			01				
	-Q1		WS0464	POWER SWITCH COVER			電源開關保護蓋	<MOELLER>H-P1			02				
	-X1 (3HP 200~240V)		WD0058	FUSE SOCKET			保險絲座	14*51*3P			01				
	-X1 (OTHER)		WD0020	FUSE SOCKET			保險絲座	10*38*3P			01				
	-X6~-X10		WD0019	FUSE SOCKET			保險絲座	10*38*1P			05				
C															
	EQUIPPED WITH INVERTER														
	-F2,-F3 (200~240V) 2HP		WD0170	FUSE			保險絲	10*38-AM-8A (慢速型)			06				
	-F2,-F3 (380~480V)		WD0179	FUSE			保險絲	10*38-AM-4A (慢速型)			06				
	-F2,-F3 (200~240V) 3HP		WD0171	FUSE			保險絲	10*38-AM-10A (慢速型)			06				
D	-F2,-F3 (380~480V)		WD0184	FUSE			保險絲	10*38-AM-6A (慢速型)			06				
	-X2,-X3		WD0020	FUSE SOCKET			保險絲座	10*38*3P			02				
△4		2011093002	謝德霖	APPROVED	CHECKED	DRAWN	DEPARTMENT			NO.	E2VE021B04	SOCO MACHINERY CO., LTD			
△5				黃瑞麟 09.30.2011	謝坤旺 09.30.2011	謝德霖 09.30.2011				Stuff		Title	PARTS LIST_5/6		
△6										QTY.		Model	DEF-FA/60SS		
△7										Scale		Size	A4	Page	
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A	ITEM		PART NUM.	DESCRIPTION			TYPE			QT'Y		
	THESE COMPONENTS ARE FOR JIS CERTIFICATION ONLY											
	-C2		WC0037	COUNTER			計數器			<CONCH>CD-41K-N-DC24V		01
	-F1 (200~240V) 3HP		WS0517	NFB			無熔線斷路器			<MOELLER>FAZ-3-C32		01
	-F1 (380~480V) 3HP		WS0568	NFB			無熔線斷路器			<MOELLER>FAZ-C16/3		01
	-F1 (200~240V) 2HP		WS0570	NFB			無熔線斷路器			<MOELLER>FAZ-C25/3		01
	-F1 (380~480V) 2HP		WS0567	NFB			無熔線斷路器			<MOELLER>FAZ-C13/3		01
	-F6,-F9		WD0314	CIRCUIT PROTECTOR			迴路保護器			<MOELLER>FAZ-S2/1		02
	-F7,-F10		WD0317	CIRCUIT PROTECTOR			迴路保護器			<MOELLER>FAZ-S6/1		02
	-F8		WD0316	CIRCUIT PROTECTOR			迴路保護器			<MOELLER>FAZ-S4/1		01
B												
C	EQUIPPED WITH INVERTER											
	-F2,-F3 (200~240V) 2HP		WS0559	NFB			無熔線斷路器			<MOELLER>FAZ-C10/3		02
	-F2,-F3 (380~480V) 2HP		WS0566	NFB			無熔線斷路器			<MOELLER>FAZ-C4/3		02
	-F2,-F3 (200~240V) 3HP		WS0559	NFB			無熔線斷路器			<MOELLER>FAZ-C10/3		02
	-F2,-F3 (380~480V) 3HP		WS0540	NFB			無熔線斷路器			<MOELLER>FAZ-C6/3		02
D												
1		2		3		4		5		6		