



Serie	DHADR		
Model	100 – 205		




Drawing code	HF620C0803	Controller	PC03
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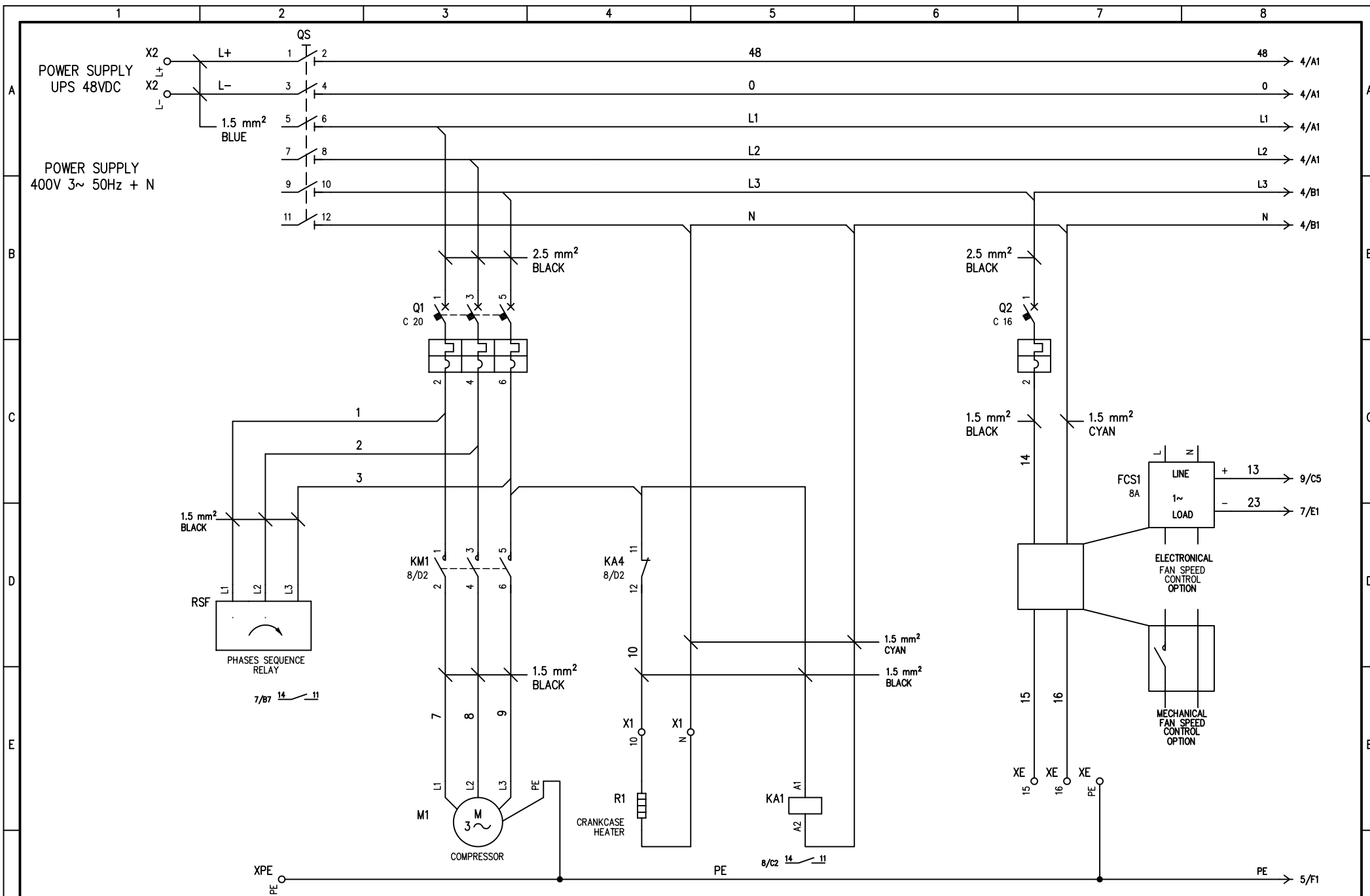
Power supply	400V/3~750Hz	48VDC
Auxiliary supply	48VDC	–

Created by	N.C.1	Revision by	–	Index	–
Date	10/04/2008	On	–		

Max power (kW)	SEE TABLE ON PAGE 2
FLA (A)	SEE TABLE ON PAGE 2
RLA (A)	SEE TABLE ON PAGE 2

Main protection	SEE TABLE ON PAGE 2
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1	2		3	4	5	6		7		8																													
MODEL	POWER SUPPLY	MAX ABSORBED POWER (kW)	MAX ABSORBED CURENT (A)	RLA (A)	MAIN SUGGEST PROTECTION gG FUSE TYPE	MIN SUGGEST CROSS SECTION LINE (mm <sup>2</sup> ) VS MAX LENGTH (m) AIR TEMPERATURE 30°C – MULTICORE CABLE – CABLE INSIDE TUBE ON AIR																																	
						PVC ISULATED		EPR (G7-G10) ISULATED																															
						CABLE WORKING TEMPERATURE 70°C	MAX LENGTH VOLTAGE DROP<4%	CABLE WORKING TEMPERATURE 90°C	MAX LENGTH VOLTAGE DROP<4%																														
100	LINE	4,4	11	45	20	2,5	114	1,5	59																														
100	UPS	0,4	10	16	16	2,5	11	2,5	11																														
110	LINE	4,9	12	50	20	2,5	104	1,5	54																														
110	UPS	0,4	10	16	16	2,5	11	2,5	11																														
130	LINE	5,8	15	55	20	2,5	72	1,5	43																														
130	UPS	0,4	10	16	16	2,5	11	2,5	11																														
160	LINE	6,7	16	70	20	2,5	68	1,5	41																														
160	UPS	0,4	10	16	16	2,5	11	2,5	11																														
190	LINE	7,6	18	79	25	2,5	60	1,5	36																														
190	UPS	0,4	10	16	16	2,5	11	2,5	11																														
205	LINE	8,6	20	105	25	4	86	2,5	54																														
205	UPS	0,4	10	16	16	2,5	11	2,5	11																														
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A</td> <td style="width: 15%;">REVISIONE GENERALE</td> <td style="width: 10%;">15/05/2008</td> <td style="width: 5%;">C.N.</td> <td style="width: 10%;">DATE 10/04/2008</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">  </td> <td colspan="4" rowspan="4" style="text-align: center; vertical-align: middle;">           HF620C0803         </td> <td style="width: 10%; text-align: right;">SHEET 2 OF 20</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>DRAW. N.C.1</td> <td style="text-align: right;">CONTINUE 3</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>CHECK F.F.1</td> <td></td> </tr> <tr> <td>REV.</td> <td>MODIFICATIONS</td> <td>DATE</td> <td>SIGN.</td> <td>APPR. M.M.</td> <td></td> </tr> </table>											A	REVISIONE GENERALE	15/05/2008	C.N.	DATE 10/04/2008		HF620C0803				SHEET 2 OF 20					DRAW. N.C.1	CONTINUE 3					CHECK F.F.1		REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.	
A	REVISIONE GENERALE	15/05/2008	C.N.	DATE 10/04/2008		HF620C0803				SHEET 2 OF 20																													
				DRAW. N.C.1						CONTINUE 3																													
				CHECK F.F.1																																			
REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.																																			

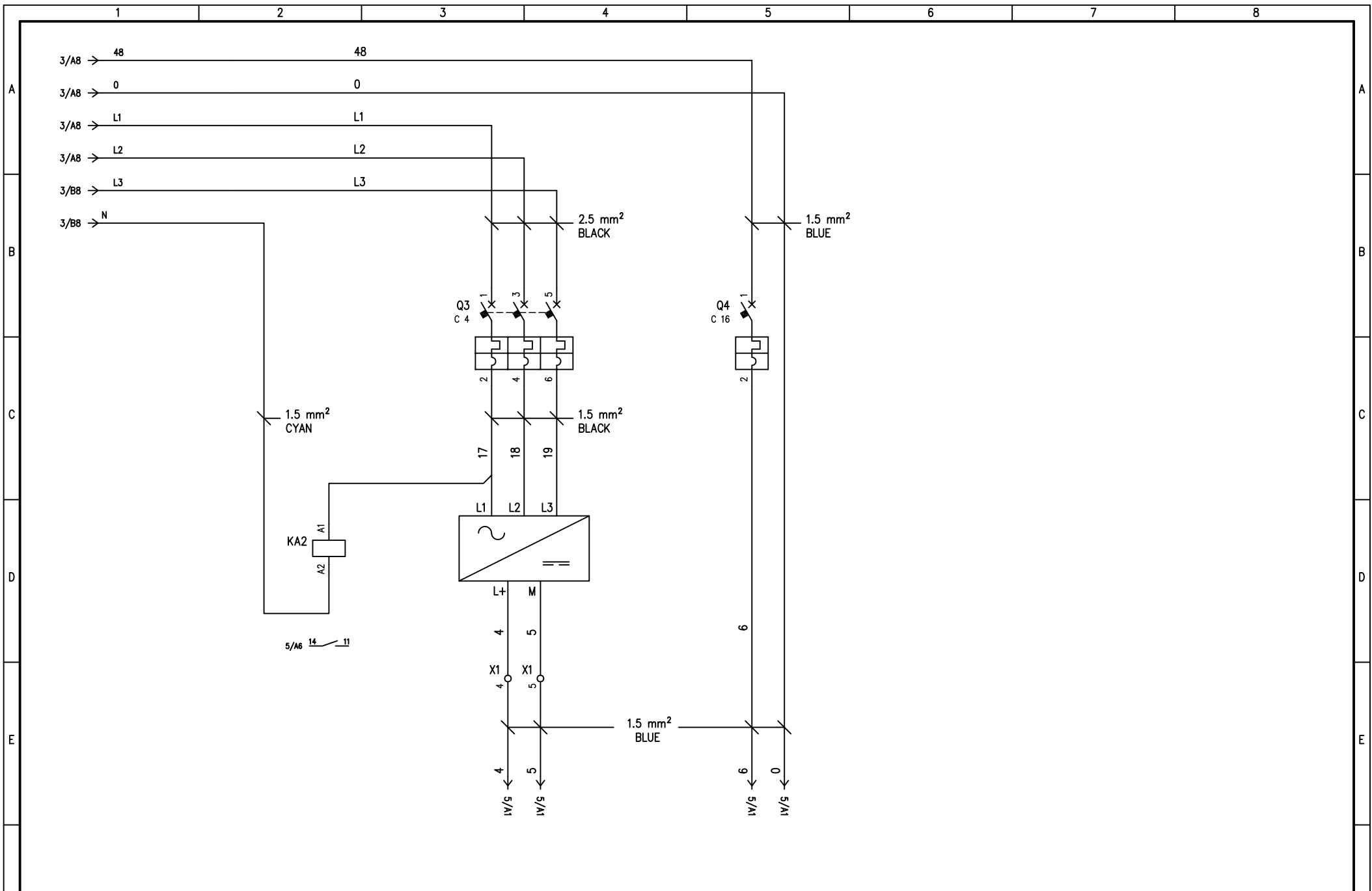


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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.

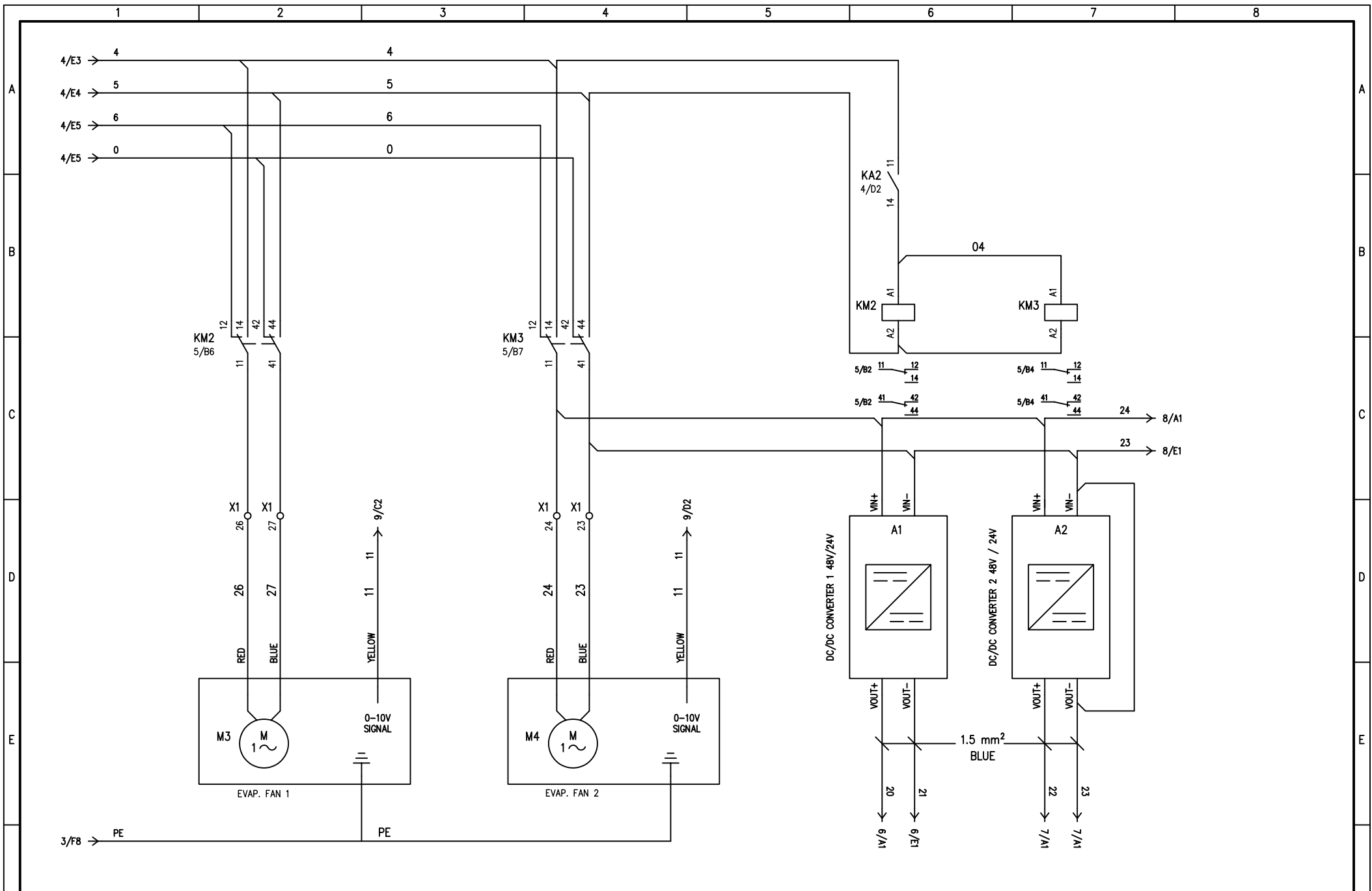


HF620C0803

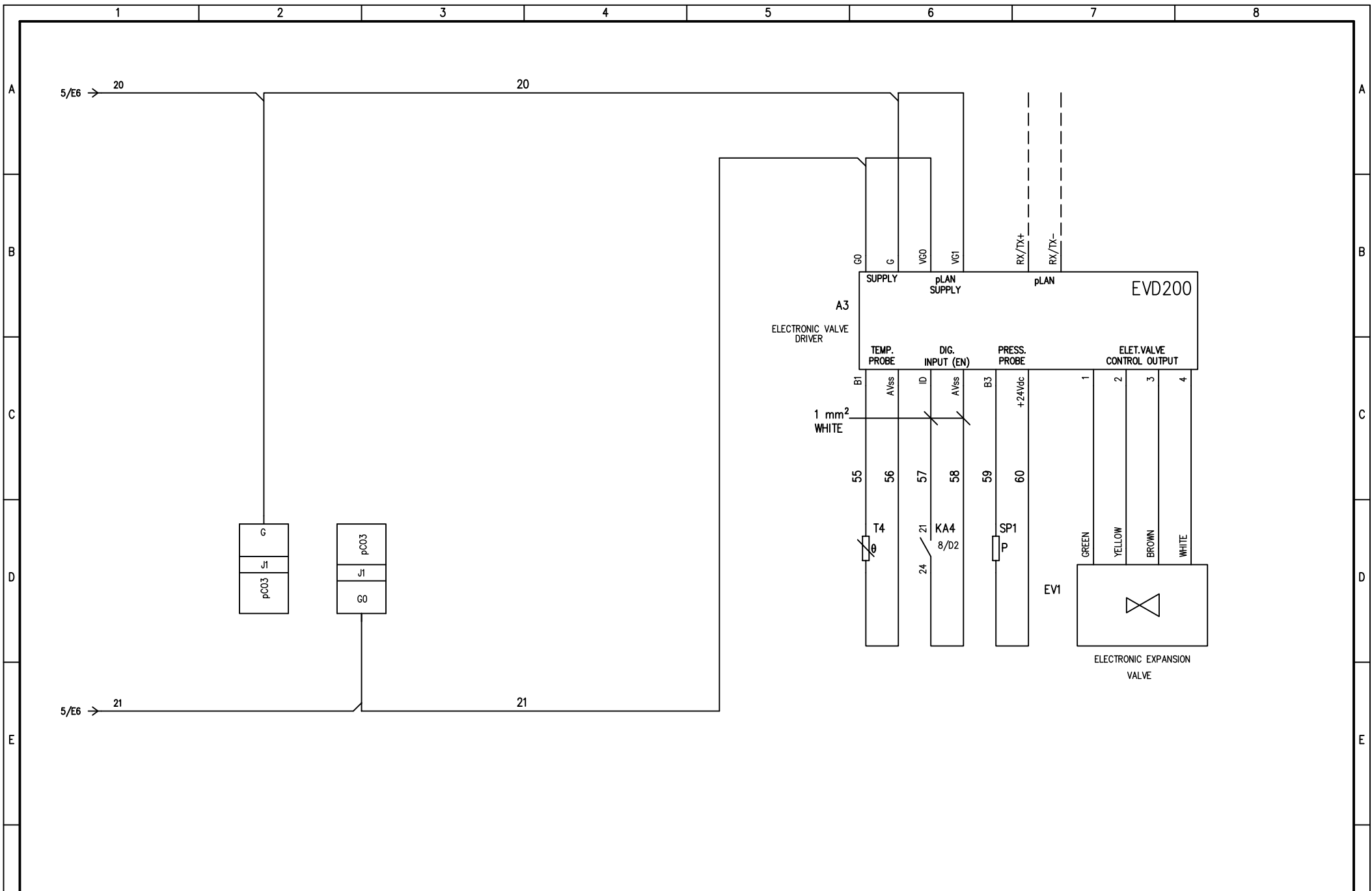
SHEET 3 OF 20  
CONTINUE 4



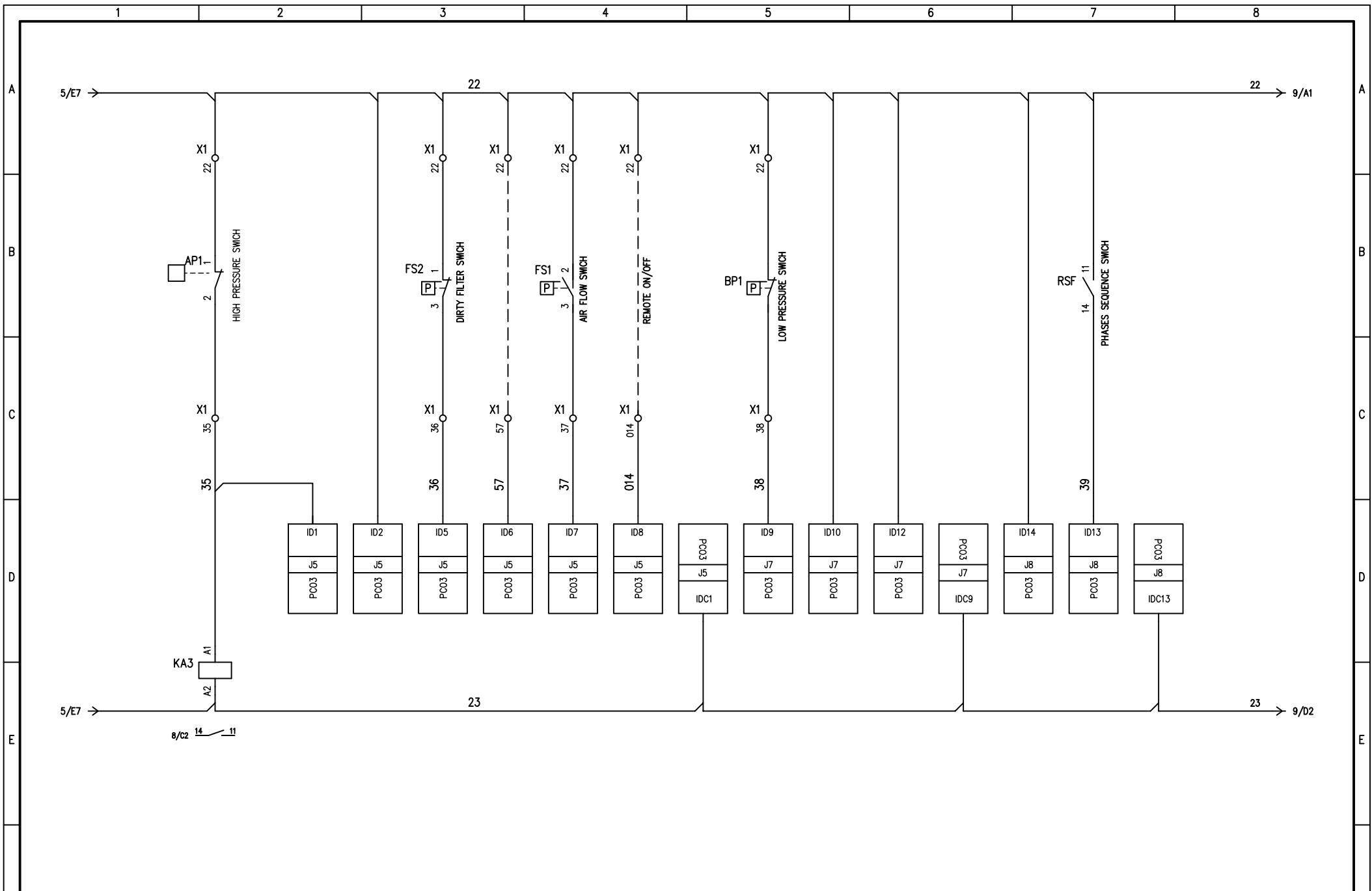
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.			




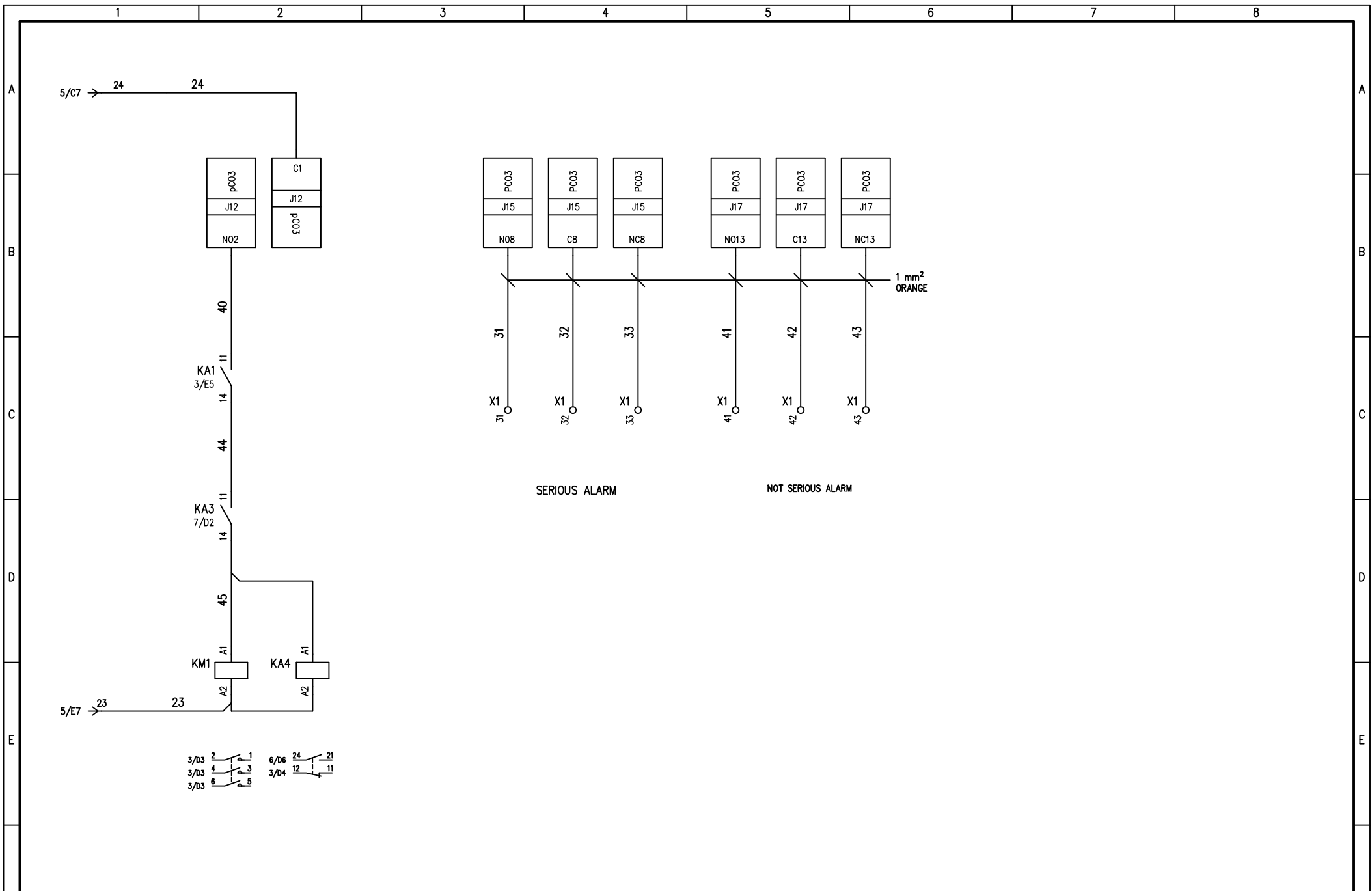
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.			CONTINUE 6



A	REVISIONE GENERALE	15/05/2008	C.N.	DATE 10/04/2008		HF620C0803	SHEET 6 OF 20
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.			

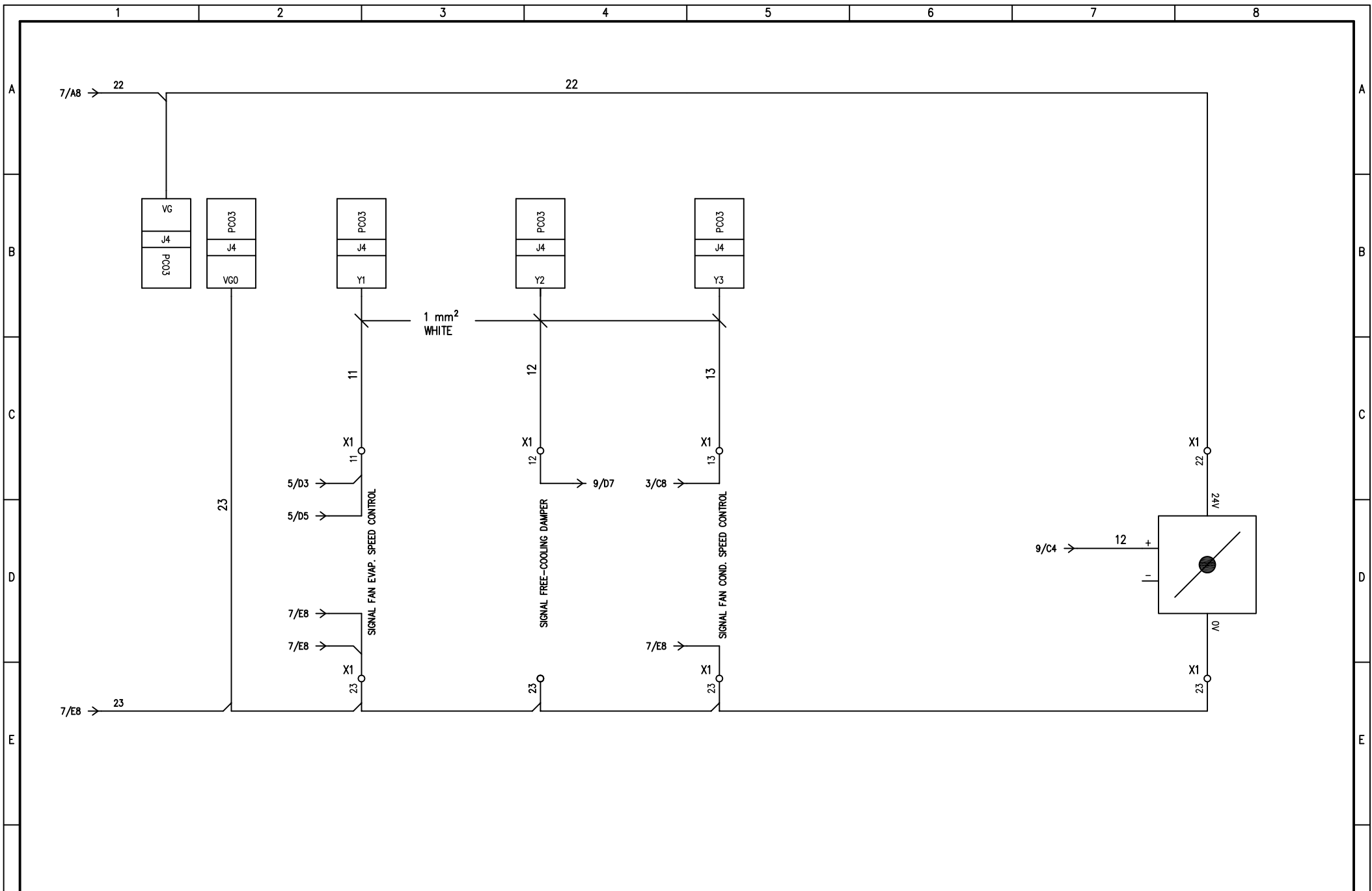


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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.					
1		2		3	4	5	6	7	8



A	REVISIONE GENERALE	15/05/2008	C.N.	DATE 10/04/2008	<b>LENNOX</b>	HF620C0803	SHEET 8 OF 20
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.			

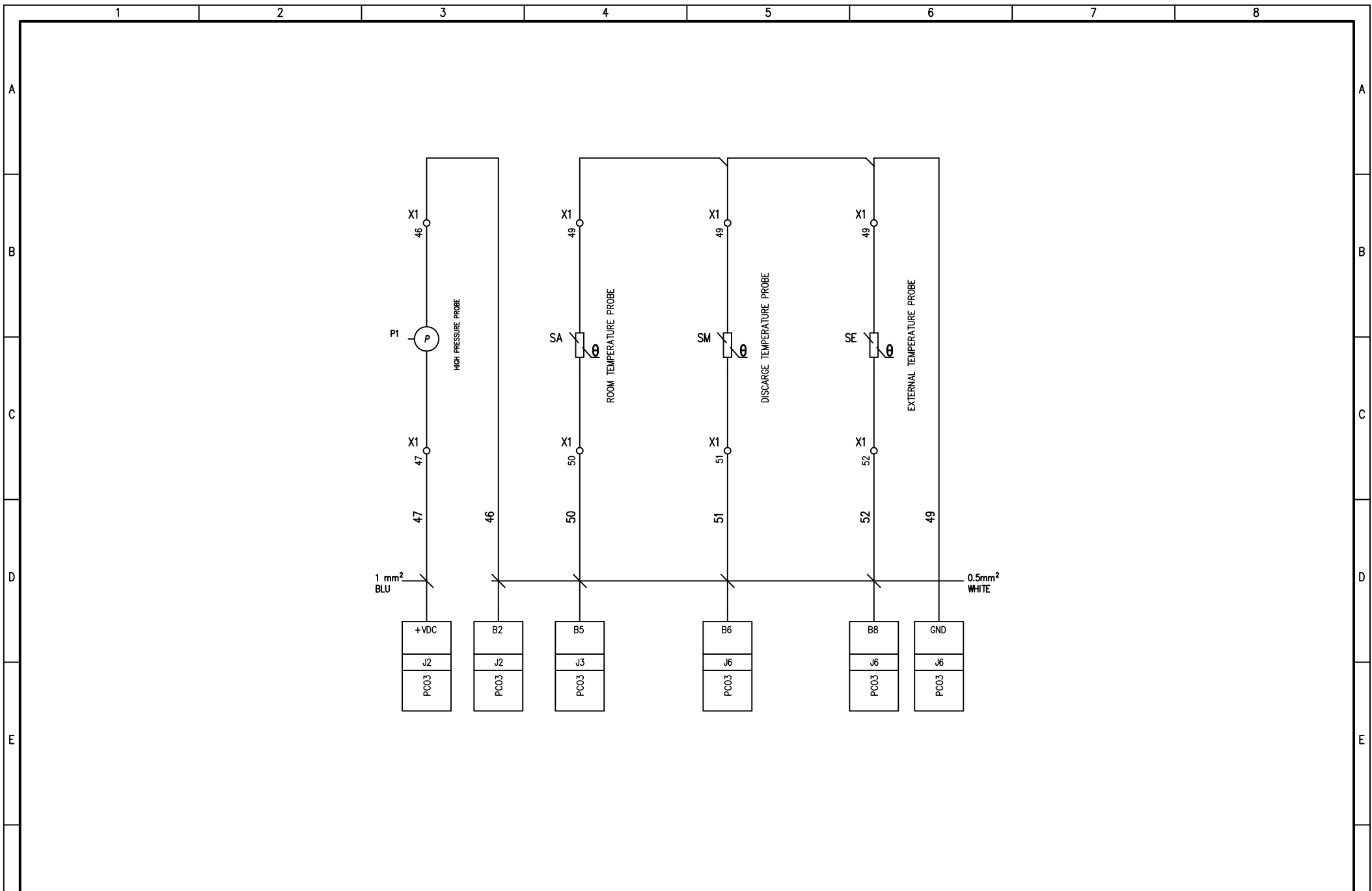




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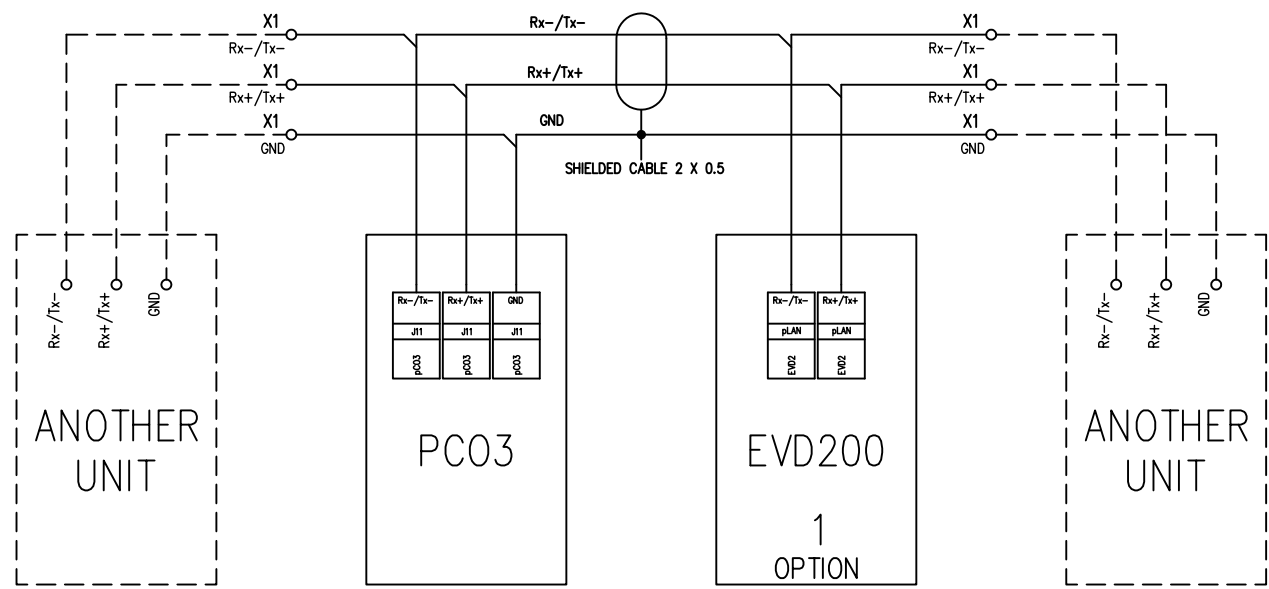


HF620C0803



A	REVISIONE GENERALE	15/05/2008	C.N.	DATE 10/04/2008	<b>LENNOX</b>	HF620C0803	SHEET 10 OF 20
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.			CONTINUE 11

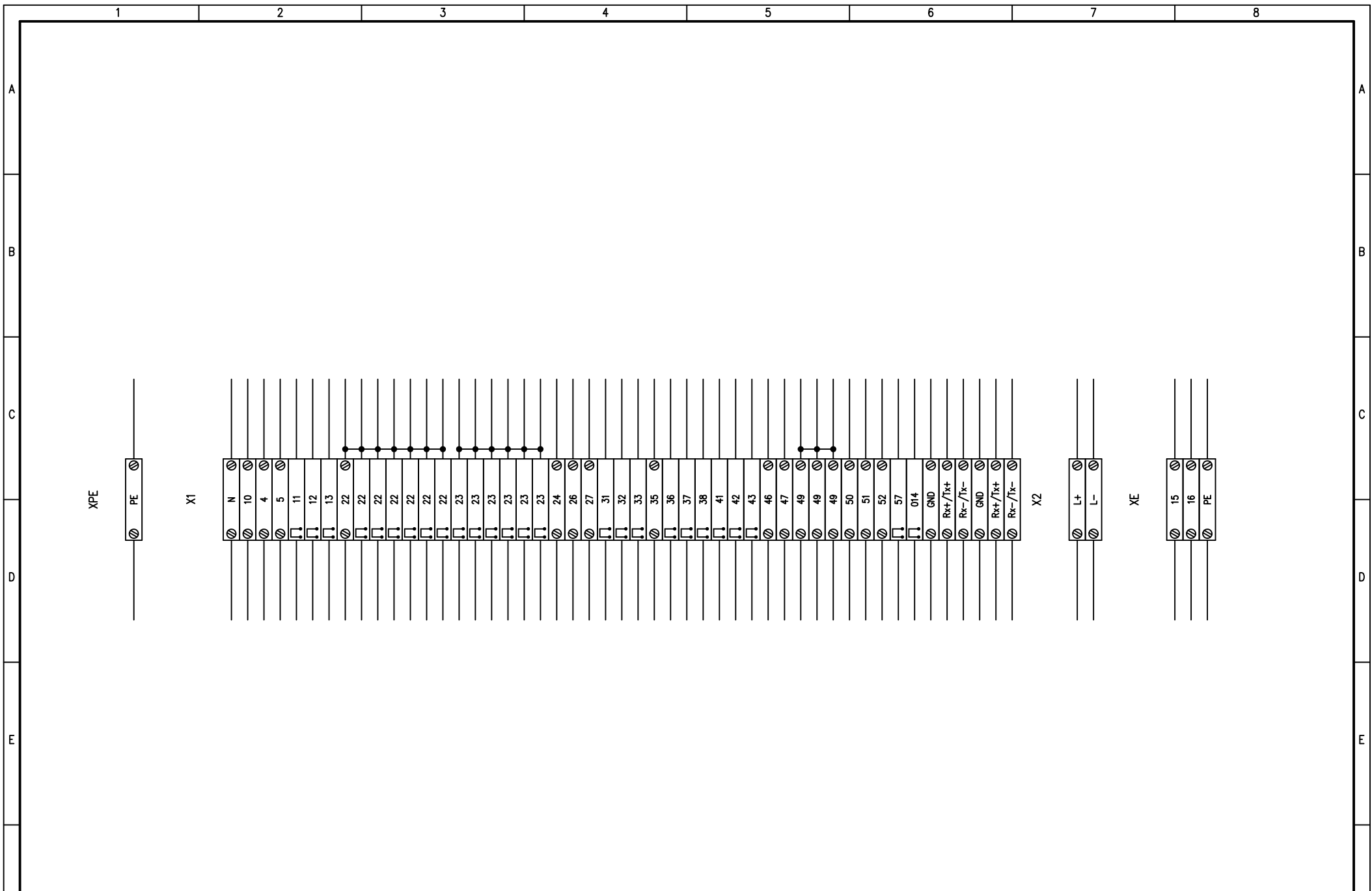
# pLAN CONNECTION



A	REVISIONE GENERALE	15/05/2008	C.N.	DATE	10/04/2008
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.

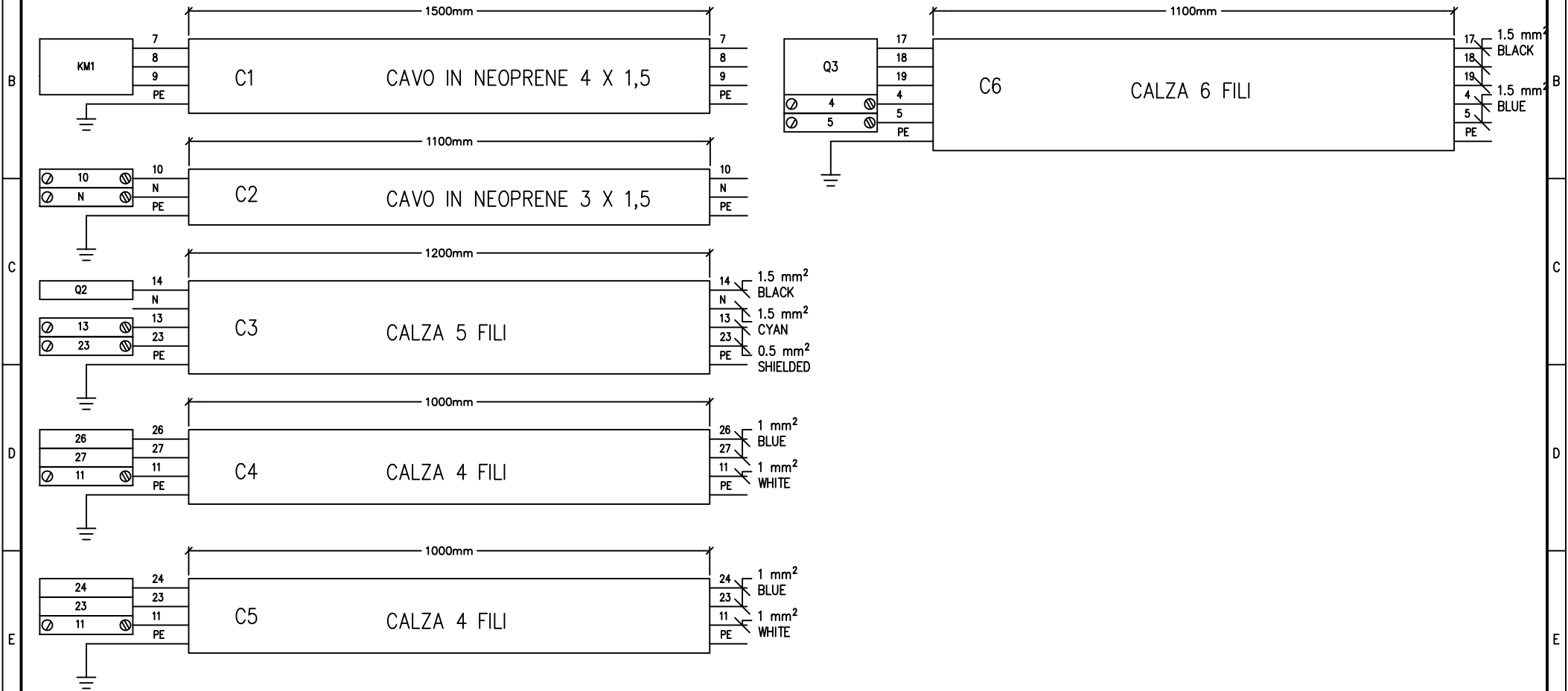


HF620C0803



A	REVISIONE GENERALE	15/05/2008	C.N.	DATE 10/04/2008		HF620C0803	SHEET 12 OF 20 CONTINUE 13
				DRAW. N.C.1			
				CHECK F.F.1			
REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.			

LA LUNGHEZZA DEI CAVI E' RIFERITA ALL'ESTERNO DEL QUADRO



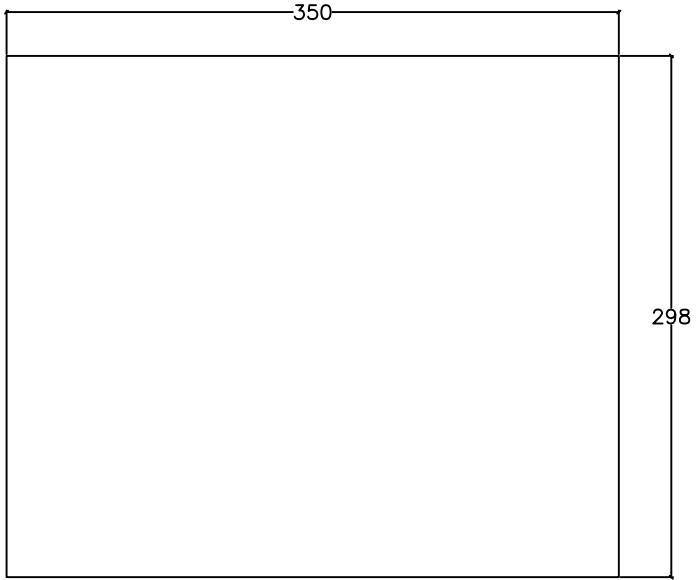
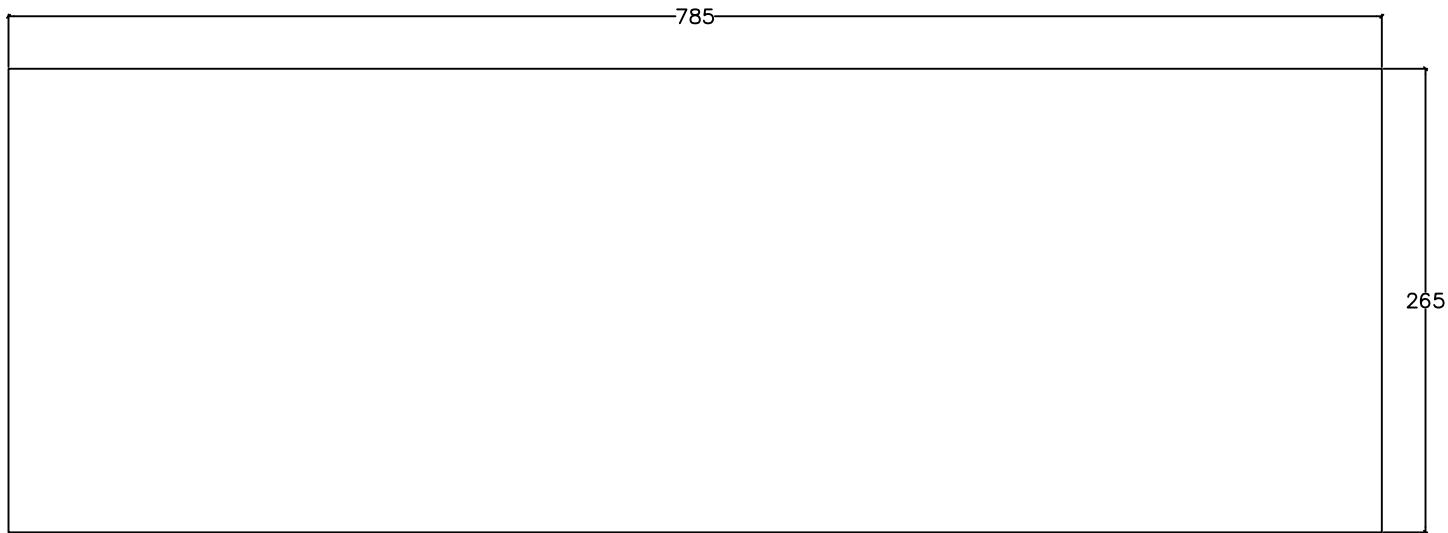
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REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.



HF620C0803

SHEET 13 OF 20  
CONTINUE 14

LAYOUT PIASTRA DI FONDO

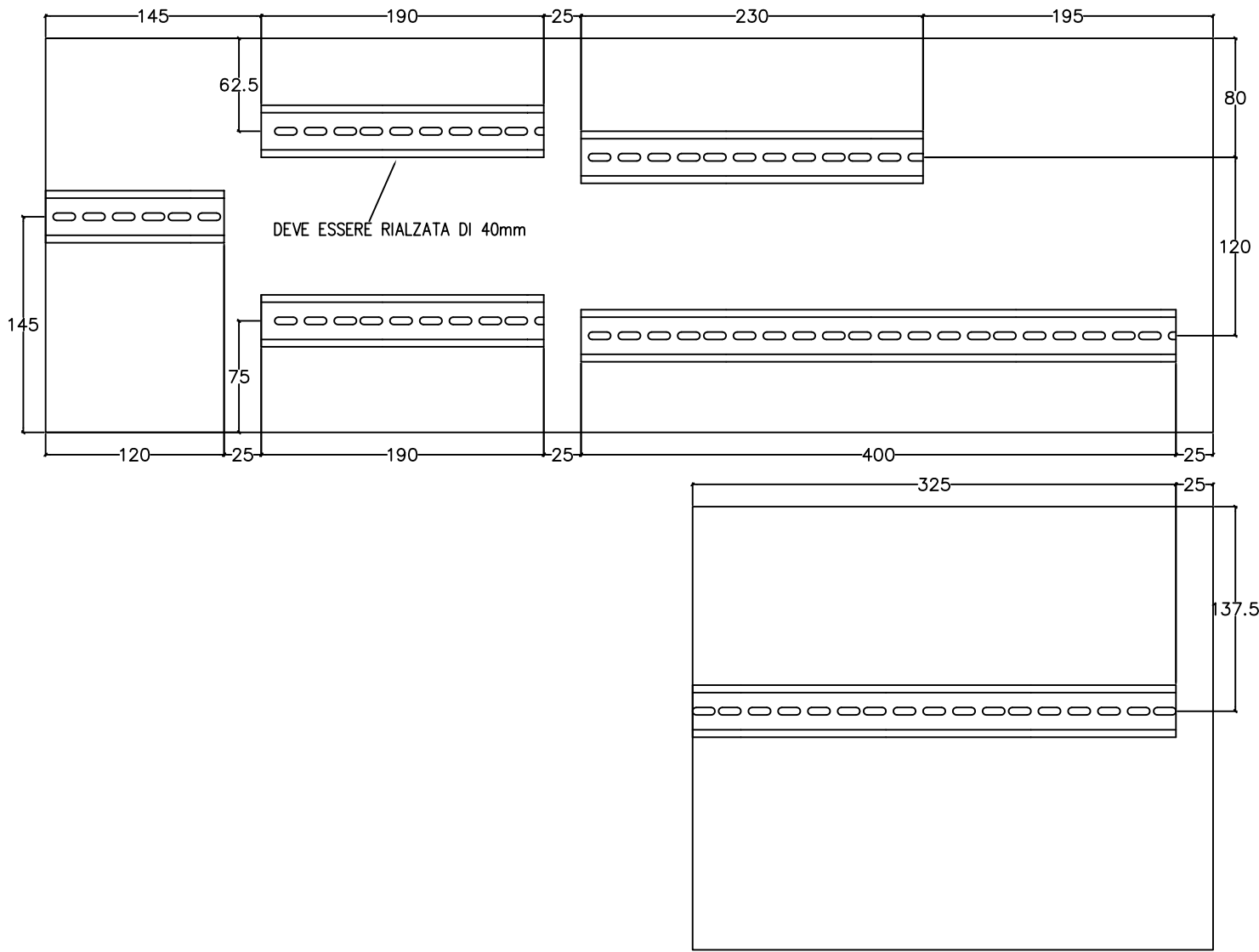


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				DRAW.	N.C.1
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.



HF620C0803

LAYOUT GUIDE DIN

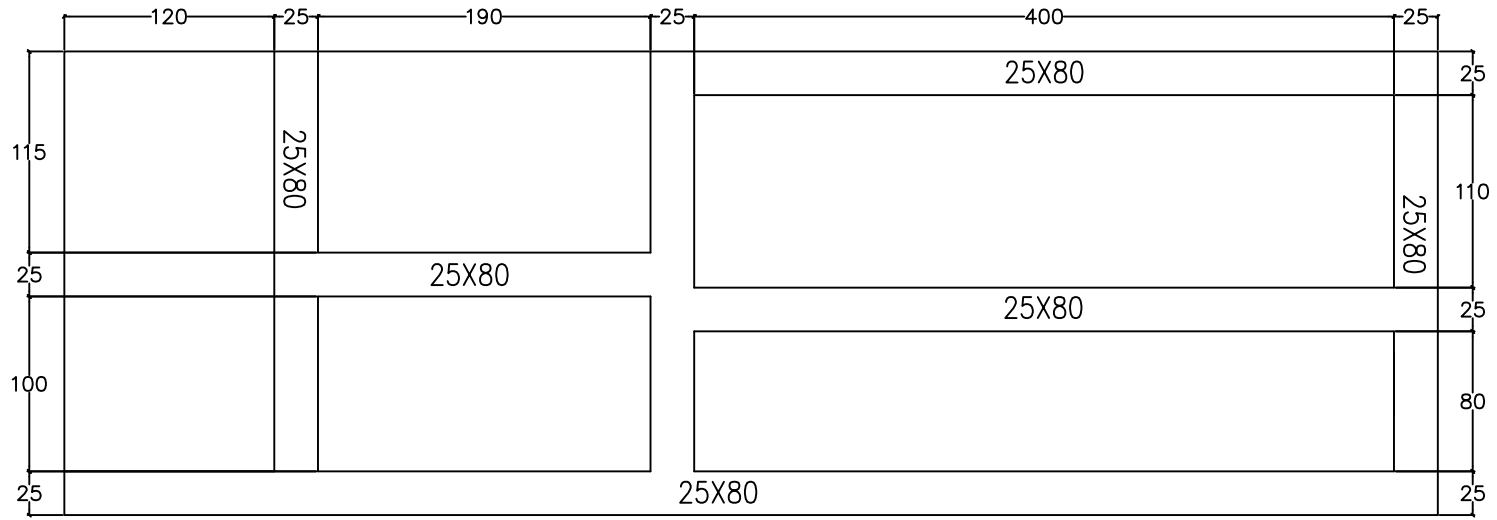


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				DRAW.	N.C.1
				CHECK	F.F.1
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.



HF620C0803

LAYOUT CANALINE



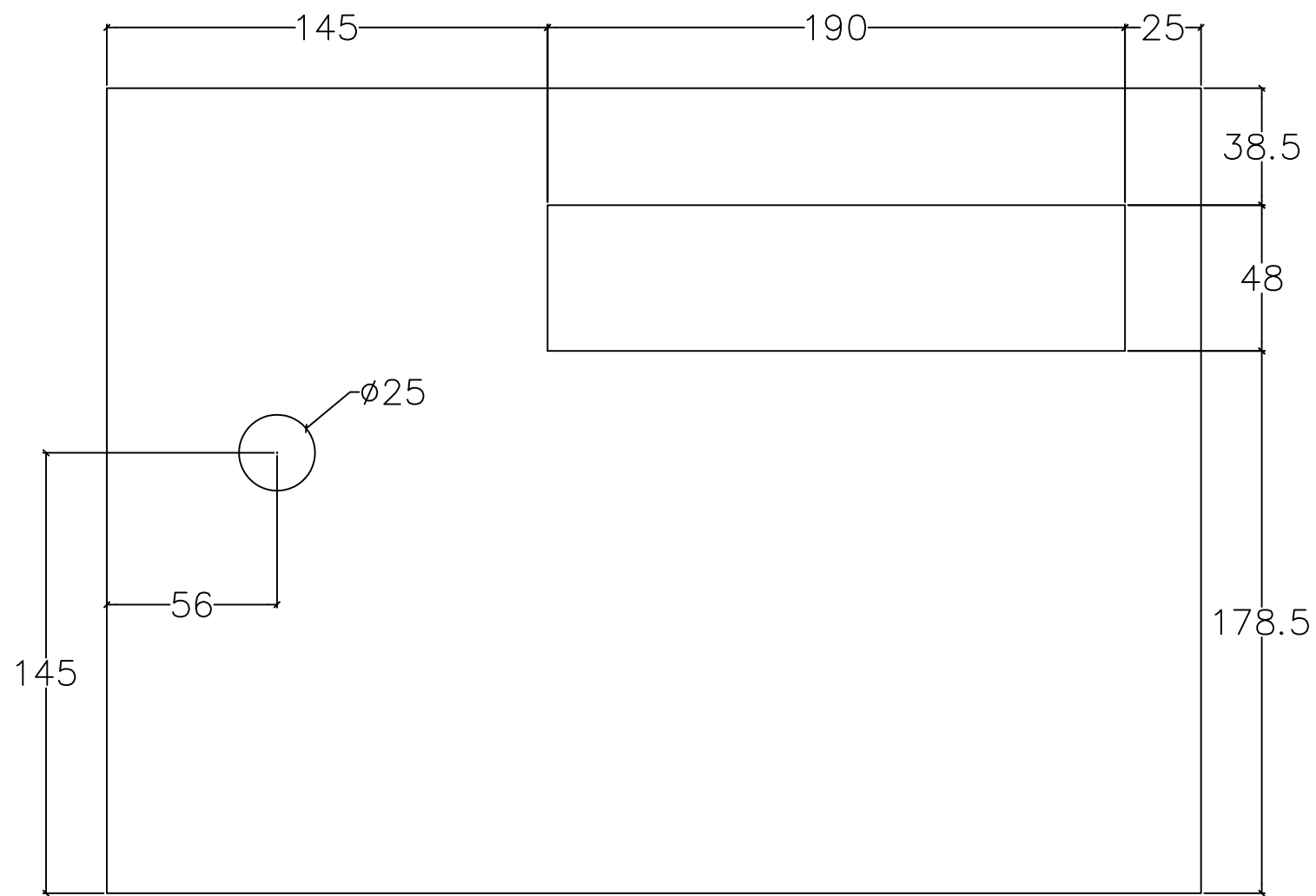
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.



HF620C0803



LAYOUT PLEXIGLASS

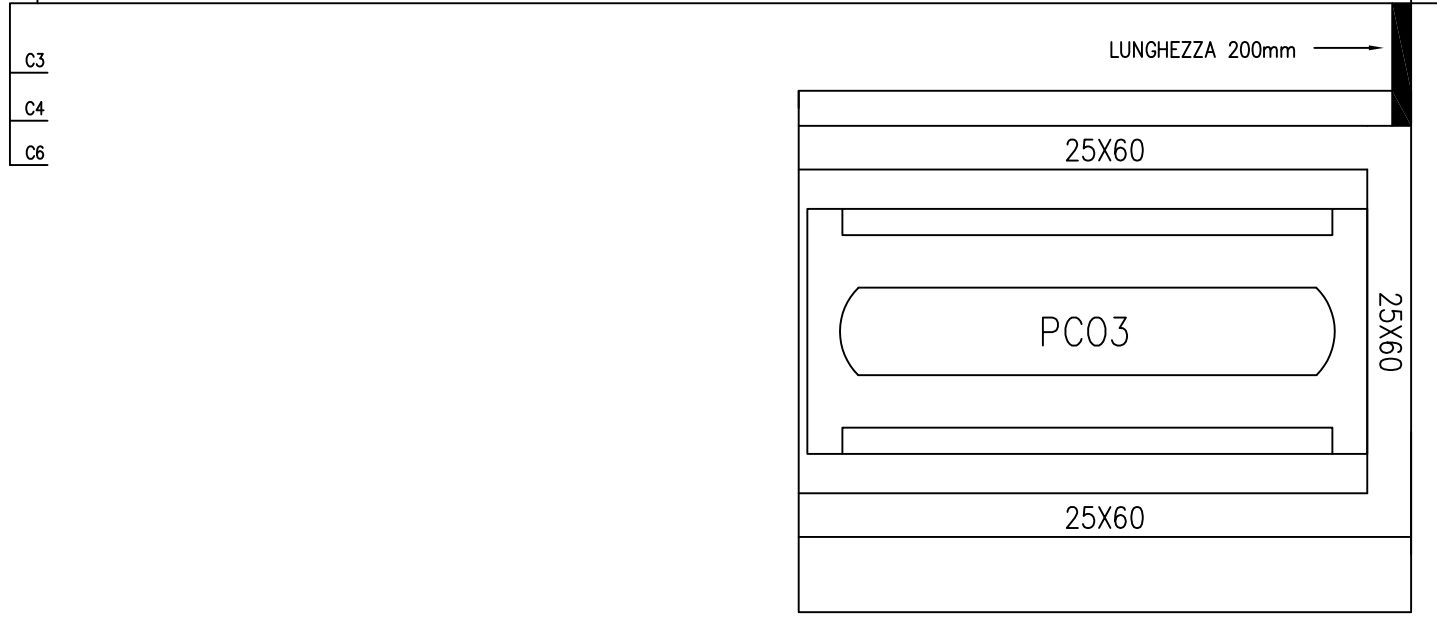
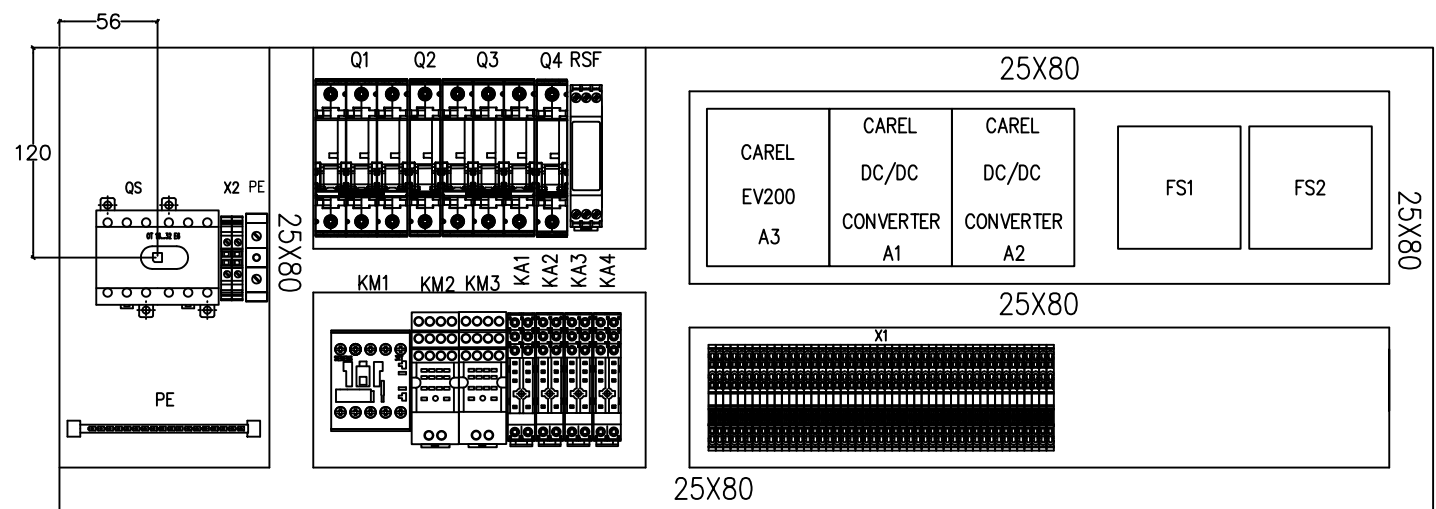


A	REVISIONE GENERALE	15/05/2008	C.N.	DATE	10/04/2008
				DRAW.	N.C.1
				CHECK	F.F.1
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.



HF620C0803

LAYOUT COMPONENTI



A	REVISIONE GENERALE	15/05/2008	C.N.	DATE	10/04/2008
				DRAW.	N.C.1
				CHECK	F.F.1
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.



HF620C0803

DISTINTA BASE A CUI DEVE ATTENERSI IL QUADRISTA

UBICAZIONE	SIGLA	FUNZIONE	MARCA	CODICE	DESCRIZIONE	QUANTITA'	M.U.	POSIZIONE
	QS	SEZIONATORE	ABB	OT32E6+OHY2AJ+OXS5X120	SEZIONATORE 6P In= 32A + MANIGLIA + ALBERO	1	PCE	
	Q1	PROTEZIONE COMPRESSORE	SIEMENS	5SY6 320-7	INT. AUT. 3P C 20A 6kA	1	PCE	
	Q2	PROTEZIONE REGOLATORE DI GIRI	SIEMENS	5SY6 116-7	INT. AUT. 1P C 16A 6kA	1	PCE	
	Q3	PROTEZIONE ALIMENTATORE 400Vac/48Vdc	SIEMENS	5SY6 304-7	INT. AUT. 3P C 4A 6kA	1	PCE	
	Q4	PROTEZIONE LINEA UPS	SIEMENS	5SY6 116-7	INT. AUT. 1P C 16A 6kA	1	PCE	
	X1	MORSETTIERA	PHOENIX	3031128	MORSETTO A MOLLA GRIGIO ST 1,5-TWIN	49	PCE	
	X2	MORSETTIERA	PHOENIX	3044102	MORSETTO A VITE GRIGIO UT 4	2	PCE	
	XPE	MORSETTIERA	PHOENIX	3044212	MORSETTO DI TERRA UT 16-PE	1	PCE	
	RSF	RELE' SEQUENZA FASE	GAVAZZI	DPA51CM44	IL QUADRISTA DEVE PREDISPORRE SOLTANTO I FILI	1	PCE	
	KM1	ON/OFF COMPRESSORE	SIEMENS	3RT1016-1BW42	TELERUTTORE 3P 400V 4KW BOB. 48VDC	1	PCE	
	KM2	ON/OFF VENTILATORE 1	FINDER	55329048 + 9474 + 09471	RELE' + ZOCCOLO + PONTICELLO DI RITENUTA	1	PCE	
	KM3	ON/OFF VENTILATORE 2	FINDER	55329048 + 9474 + 09471	RELE' + ZOCCOLO + PONTICELLO DI RITENUTA	1	PCE	
	KA1	RELE' PRESENZA TENSIONE 1	FINDER	40528230 + 9505 + 09571	RELE' + ZOCCOLO + PONTICELLO DI RITENUTA	1	PCE	
	KA2	RELE' PRESENZA TENSIONE 2	FINDER	40528230 + 9505 + 09571	RELE' + ZOCCOLO + PONTICELLO DI RITENUTA	1	PCE	
	KA3	RELE' ALTA PRESSIONE	FINDER	40529024 + 9505 + 09571	RELE' + ZOCCOLO + PONTICELLO DI RITENUTA	1	PCE	
	KA4	RELE' STATO COMPRESSORE	FINDER	40529048 + 9505 + 09571	RELE' + ZOCCOLO + PONTICELLO DI RITENUTA	1	PCE	

A	REVISIONE GENERALE	15/05/2008	C.N.	DATE	10/04/2008		HF620C0803	SHEET 19 OF 20
				DRAW.	N.C.1			CONTINUE 20
				CHECK	F.F.1			
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.			

	1	2	3	4	5	6	7	8
A		PIASTRA DI FONDO	HIREF	HF17000756 HF17002296		PIASTRA DI FONDO	1	PCE
A		BARRA DI TERRA				BARRA DI TERRA	1	PCE
B								
C								
D								
E								
F	A	REVISIONE GENERALE	15/05/2008	C.N.	DATE 10/04/2008			
					DRAW. N.C.1			
					CHECK F.F.1			
REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.	HF620C0803		SHEET 20 OF 20 CONTINUE	
	1	2	3	4	5	6	7	8

