



Serie	THSI
Model	120 - 145


Drawing code	HF620C0723	Controller	PC03
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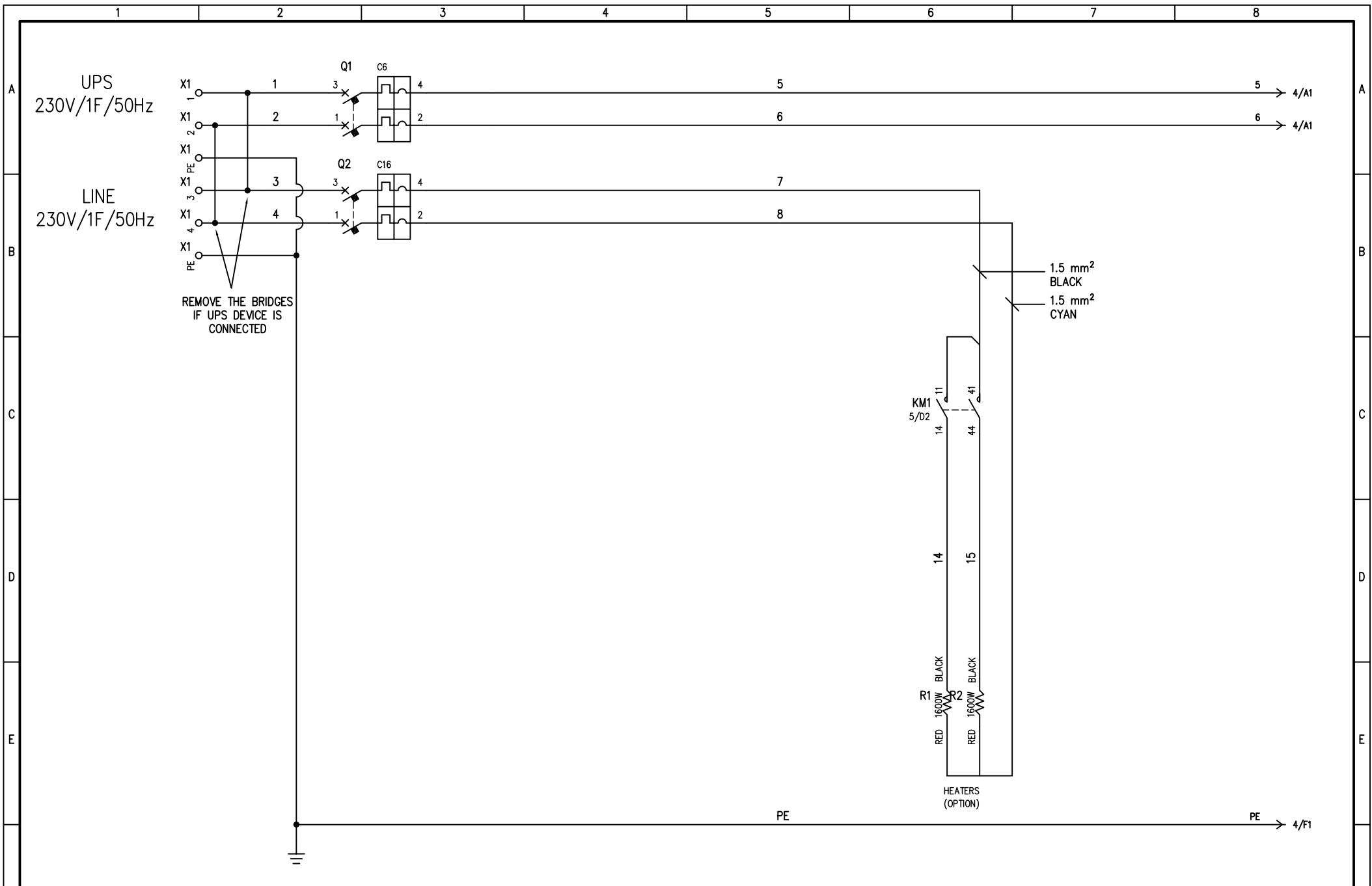
Power supply	230V/1~/50Hz	-
Auxiliary supply	24VAC	-

Created by	N.C.1	Revision by	N.C.1	Index	A
Date	16/10/2007	On	29/04/2008		

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

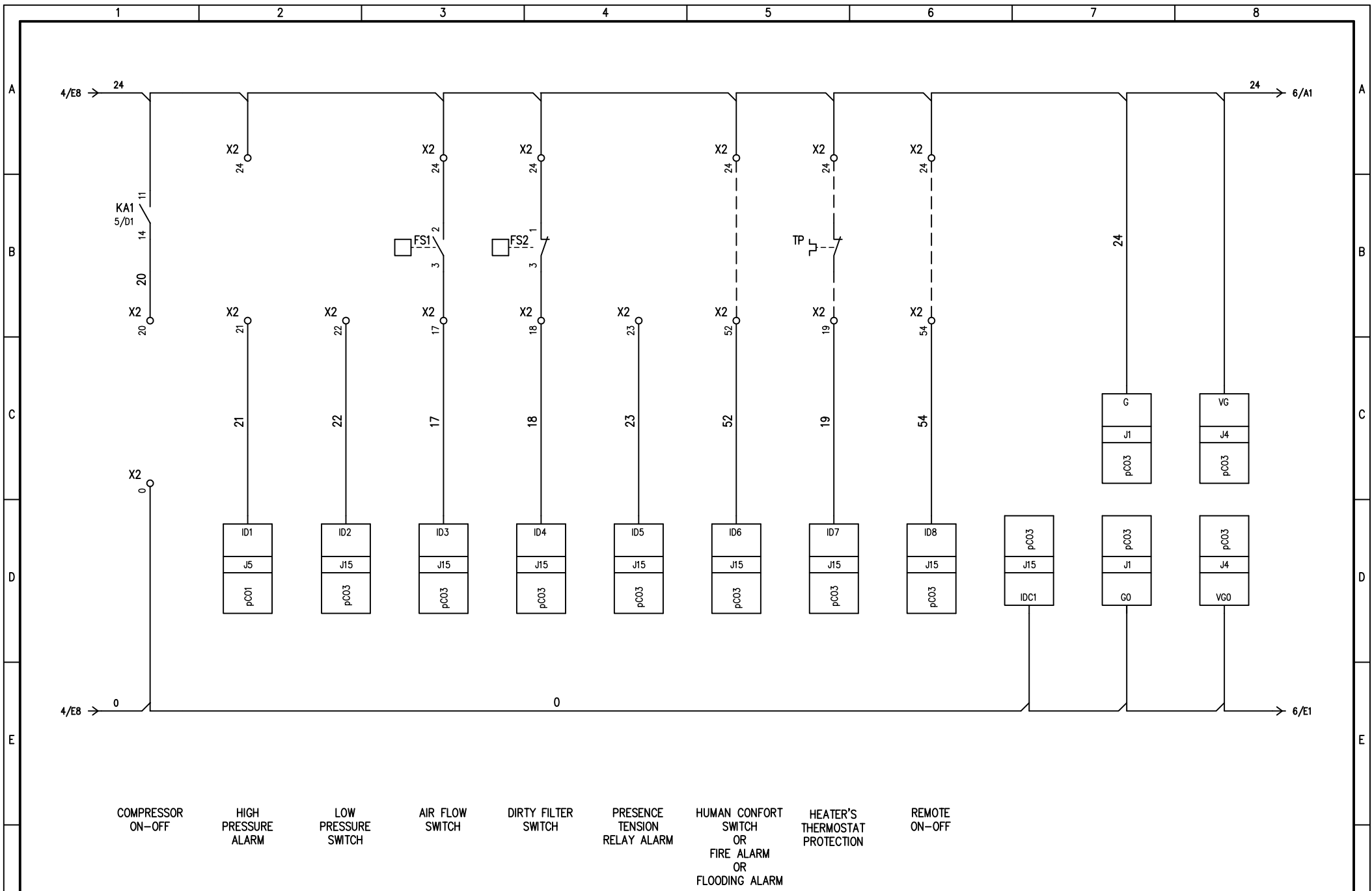
Main protection	SEE TABLE ON PAGE 2
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1	2		3	4	5	6		7		8		
MODEL	POWER SUPPLY	MAX ABSORBED POWER (kW)	MAX ABSORBED CURENT (A)	RLA (A)	MAIN SUGGEST PROTECTION gG FUSE TYPE	MIN SUGGEST CROSS SECTION LINE (mm <sup>2</sup> ) VS MAX LENGTH (m) AIR TEMPERATURE 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%			
120 – 145	UPS	0,4	3,9	10	10	1,5	97	1,5	97			
120 – 145	LINE (WITH HEATING)	3,2	14	14	16	1,5	27	1,5	27			
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				CHECK	F.F.1							
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COMPRESSOR  
ON-OFF

HIGH  
PRESSURE  
ALARM

LOW  
PRESSURE  
SWITCH

AIR FLOW  
SWITCH

DIRTY FILTER  
SWITCH

PRESENCE  
TENSION  
RELAY ALARM

HUMAN CONFORT  
SWITCH  
OR  
FIRE ALARM  
OR  
FLOODING ALARM

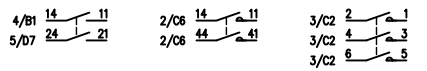
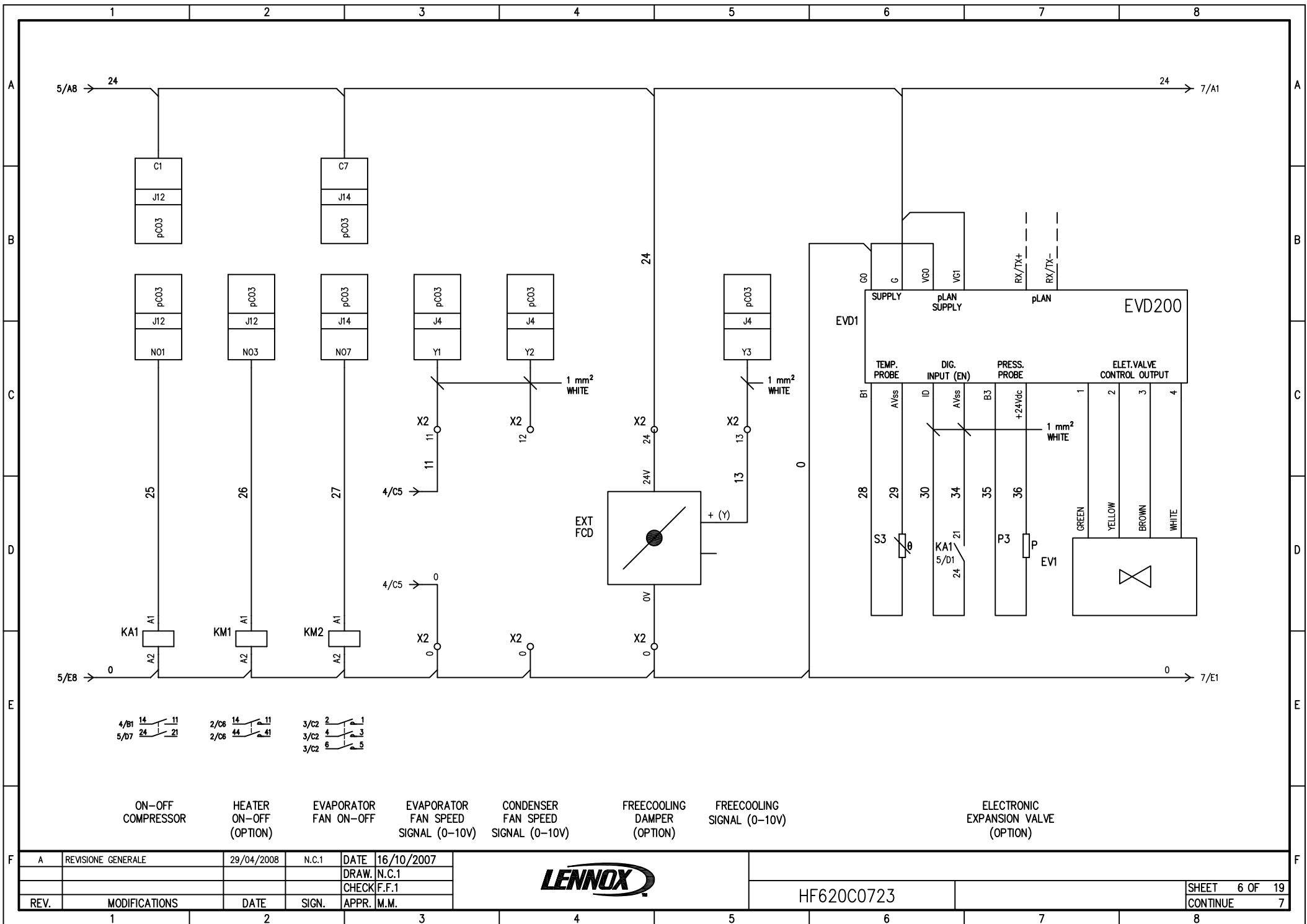
HEATER'S  
THERMOSTAT  
PROTECTION

REMOTE  
ON-OFF

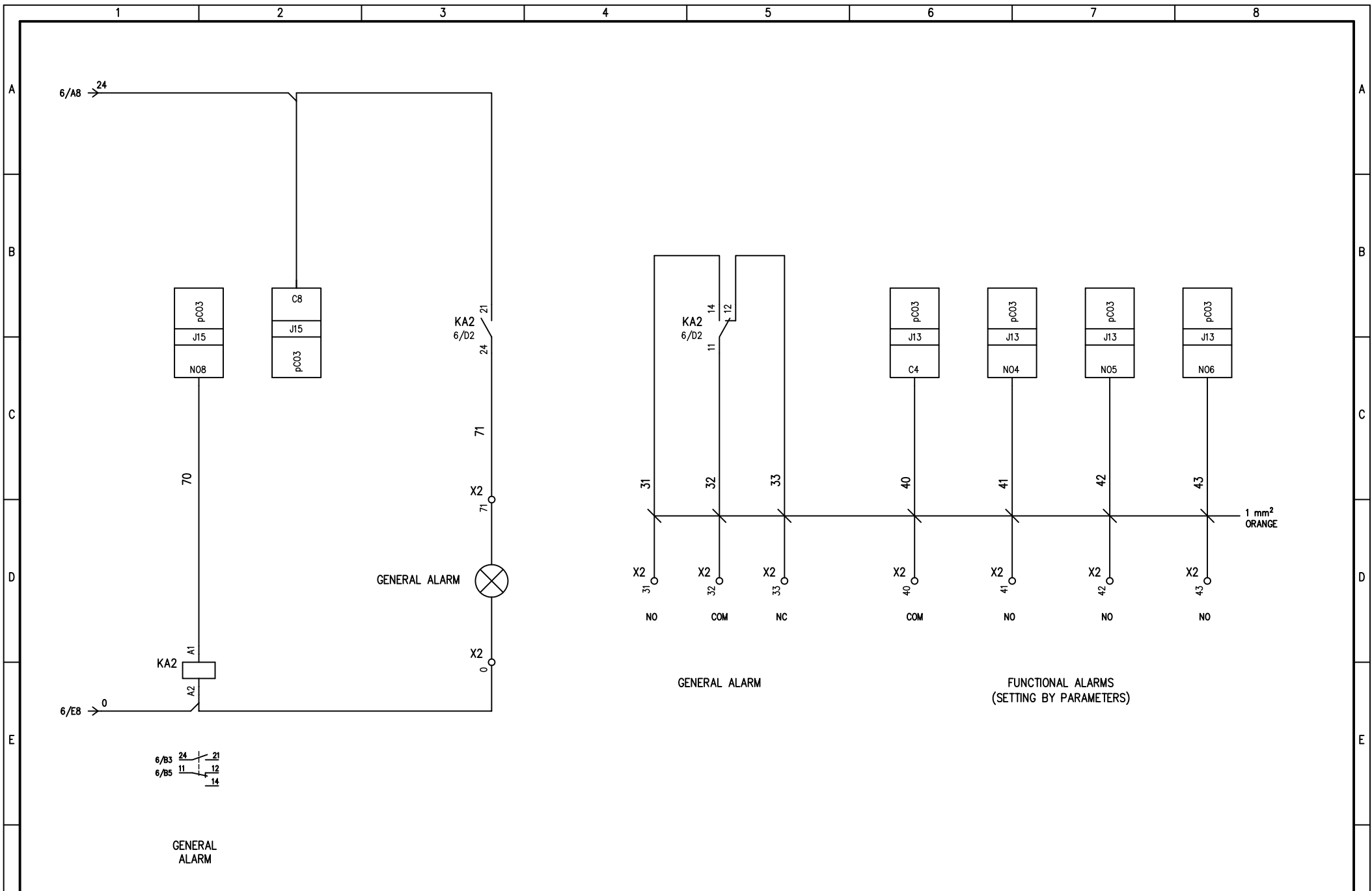
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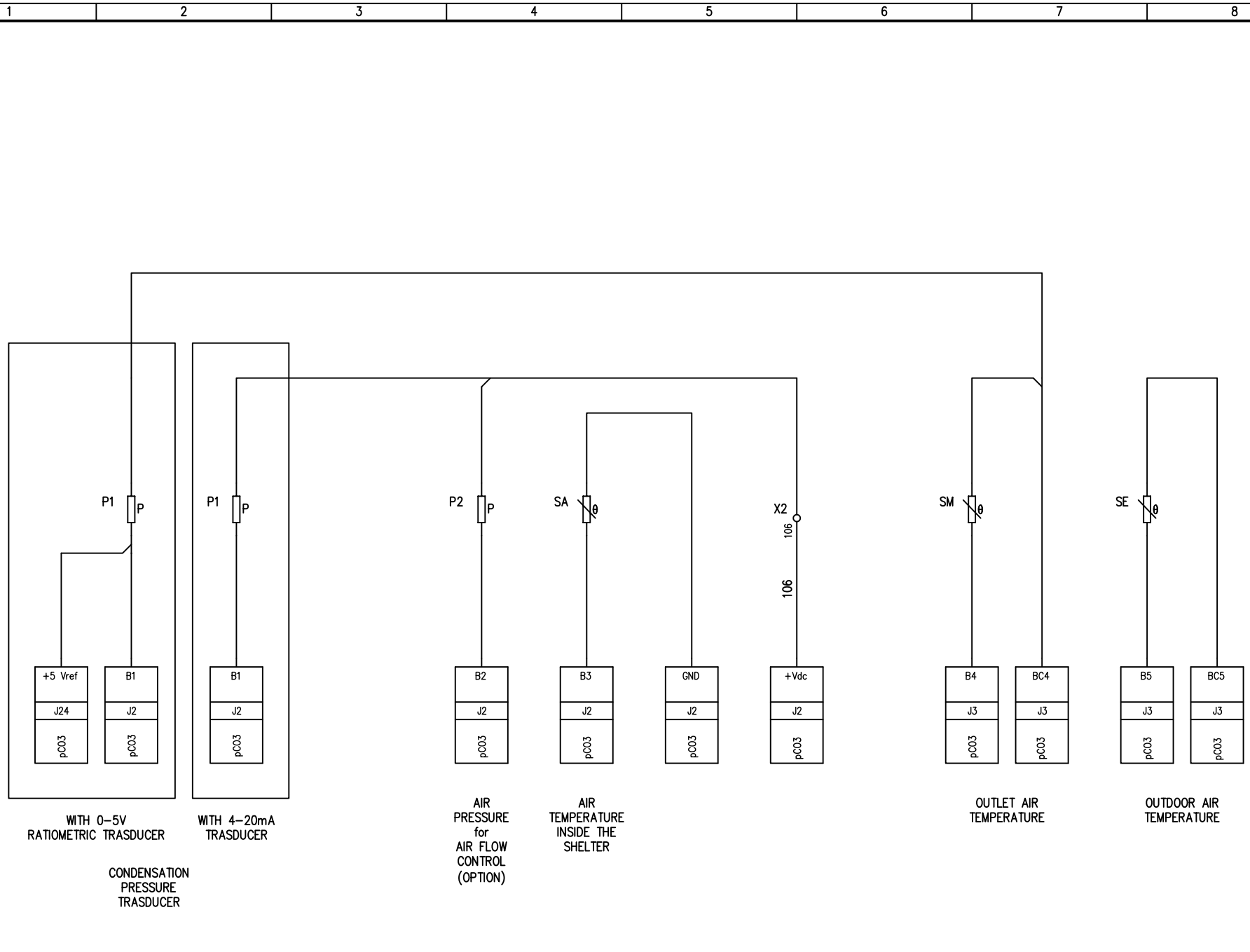
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1		2		3			4	5	6

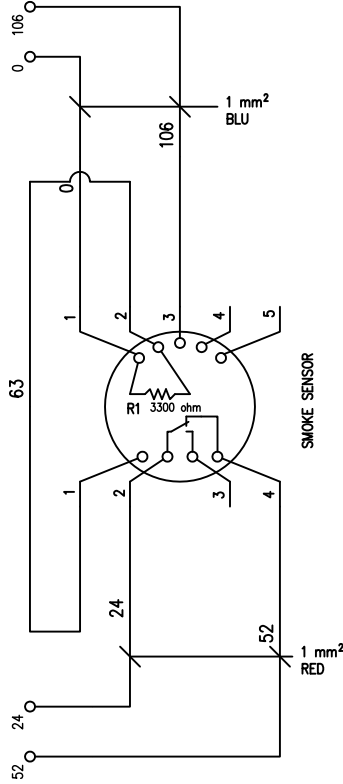


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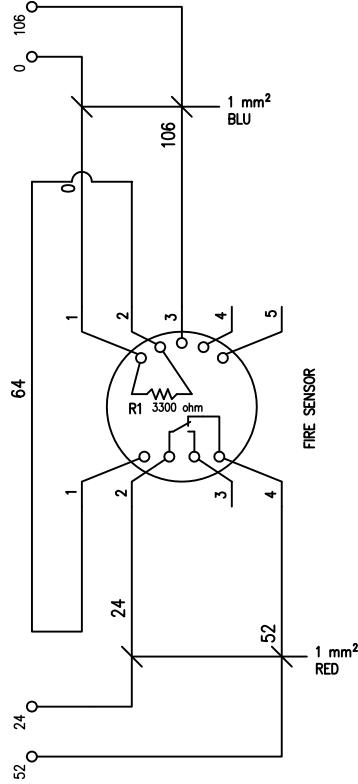


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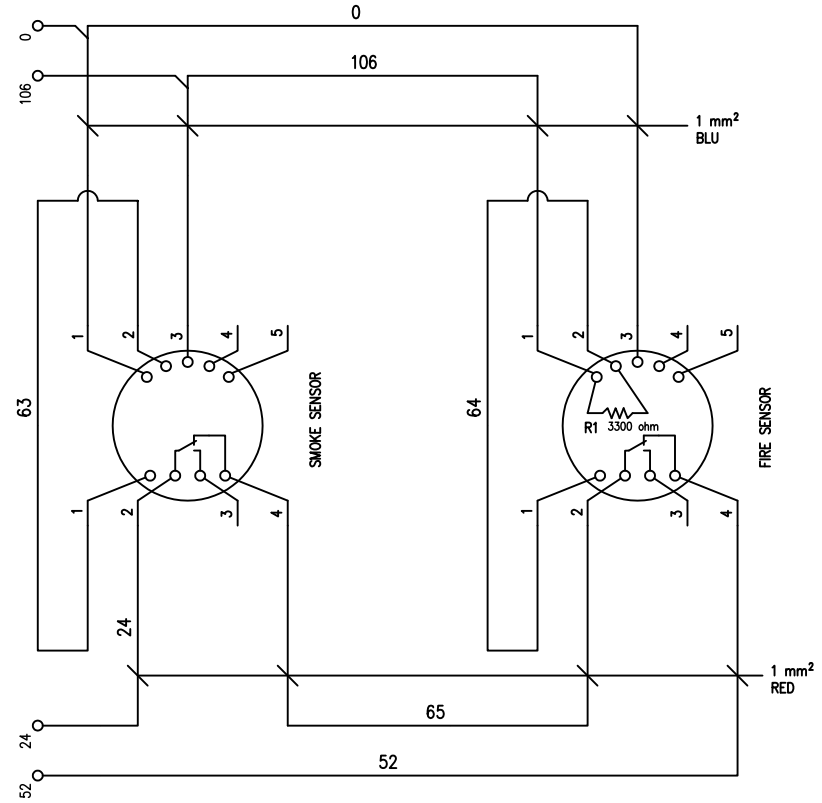




SMOKE ALARM  
OPTION



FIRE ALARM  
OPTION

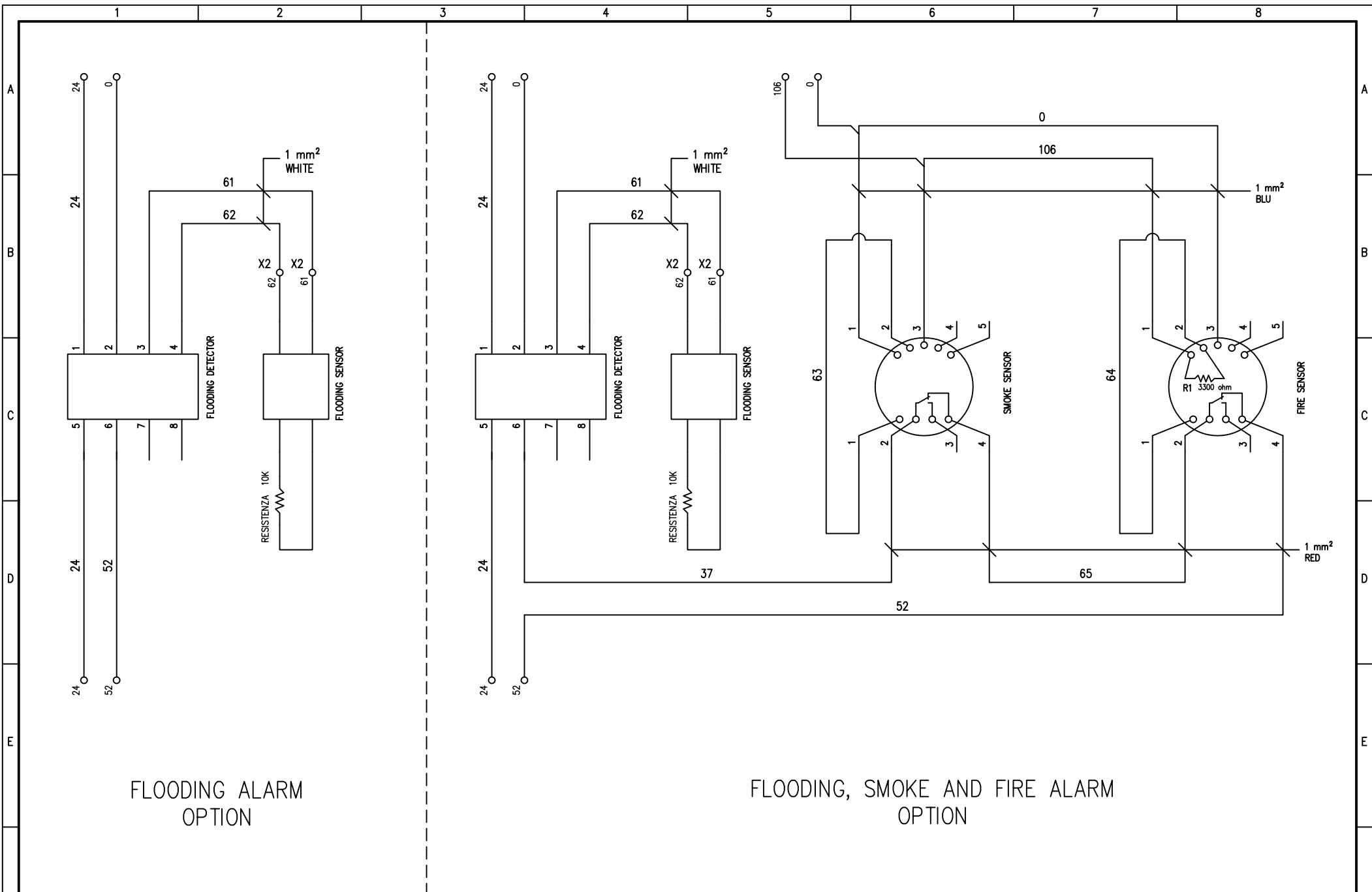


SMOKE AND FIRE ALARM  
OPTION

A	REVISIONE GENERALE	29/04/2008	N.C.1	DATE	16/10/2007
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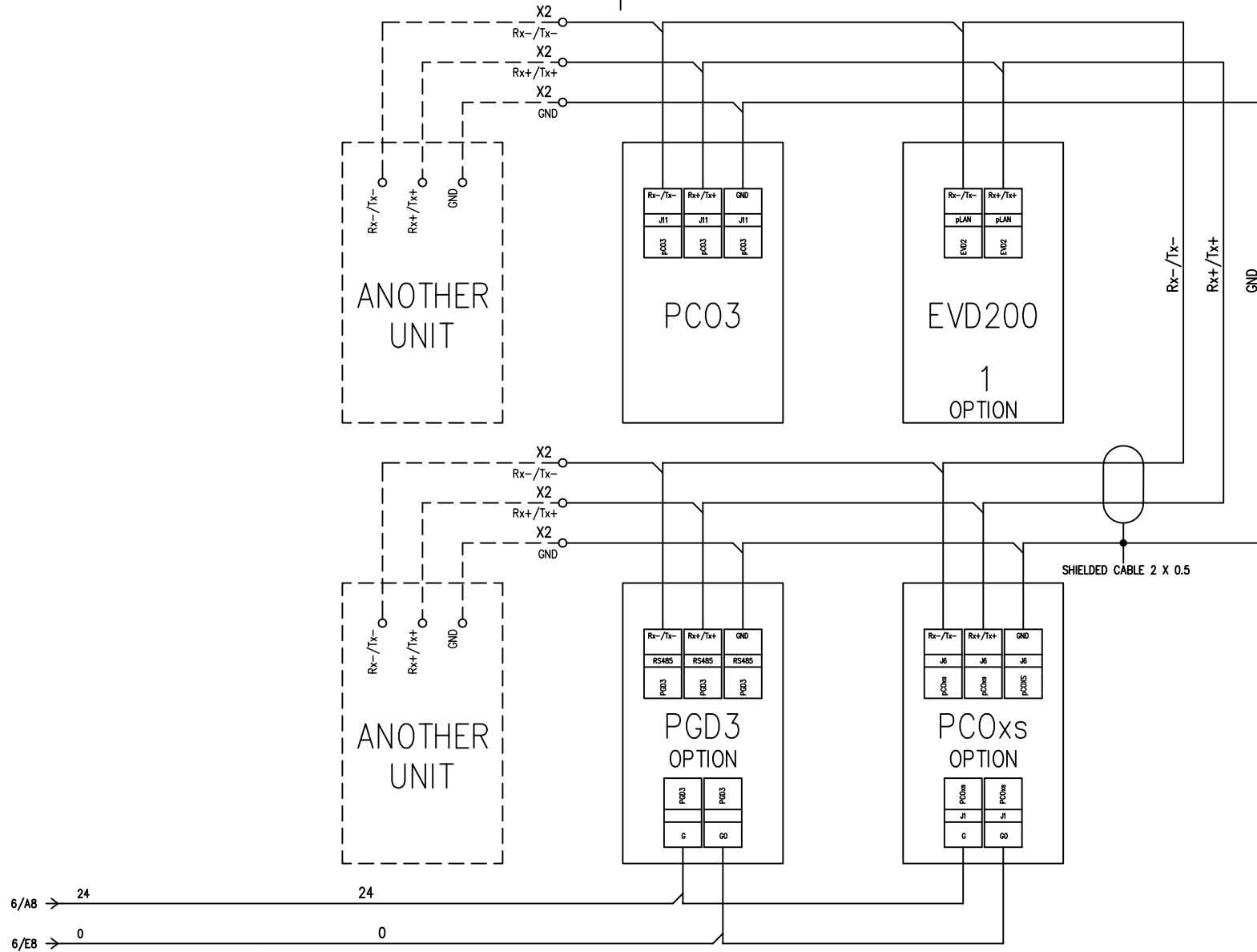


FLOODING ALARM  
OPTION

FLOODING, SMOKE AND FIRE ALARM  
OPTION

A	REVISIONE GENERALE	29/04/2008	N.C.1	DATE	16/10/2007	<b>LENNOX</b>	HF620C0723	SHEET 10 OF 19	
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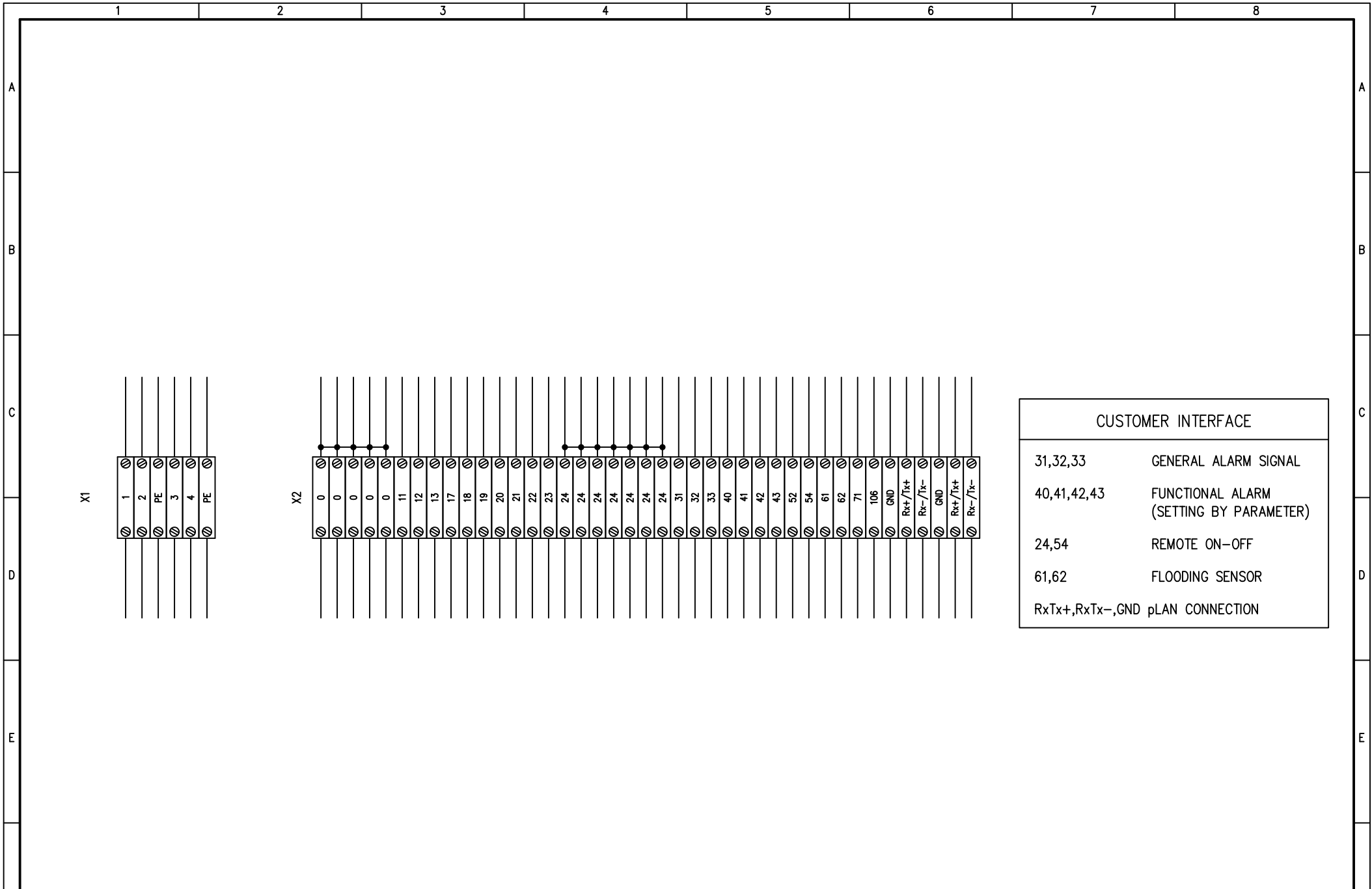
# pLAN CONNECTION



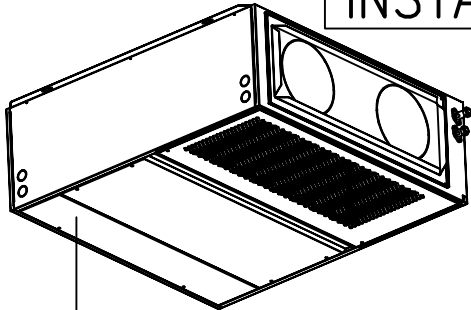
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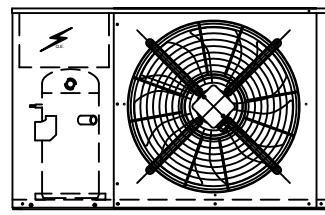
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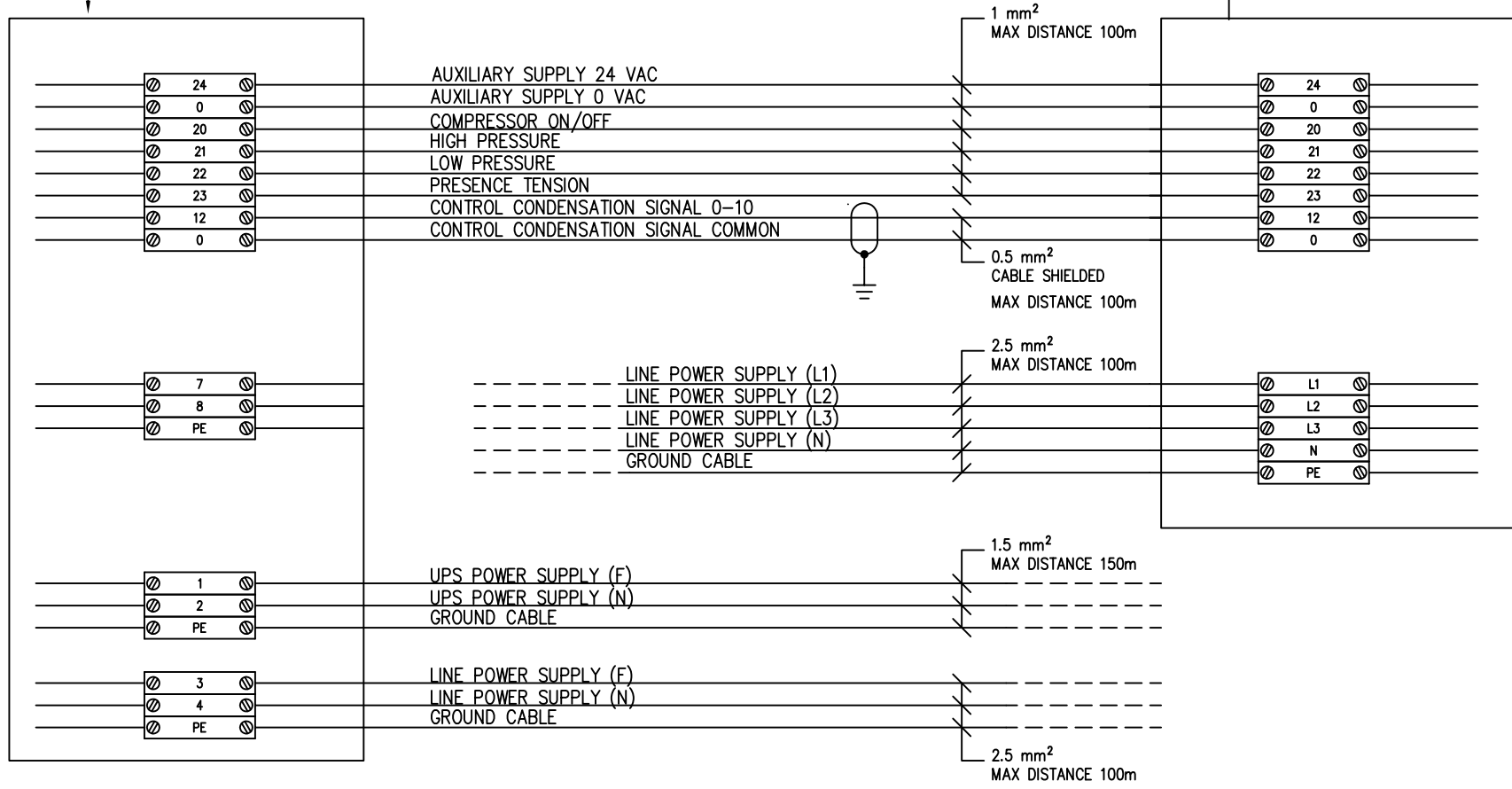
# INSTALLATION SHEET FOR MOD. 120/145



INTERNAL EVAPORATOR UNIT



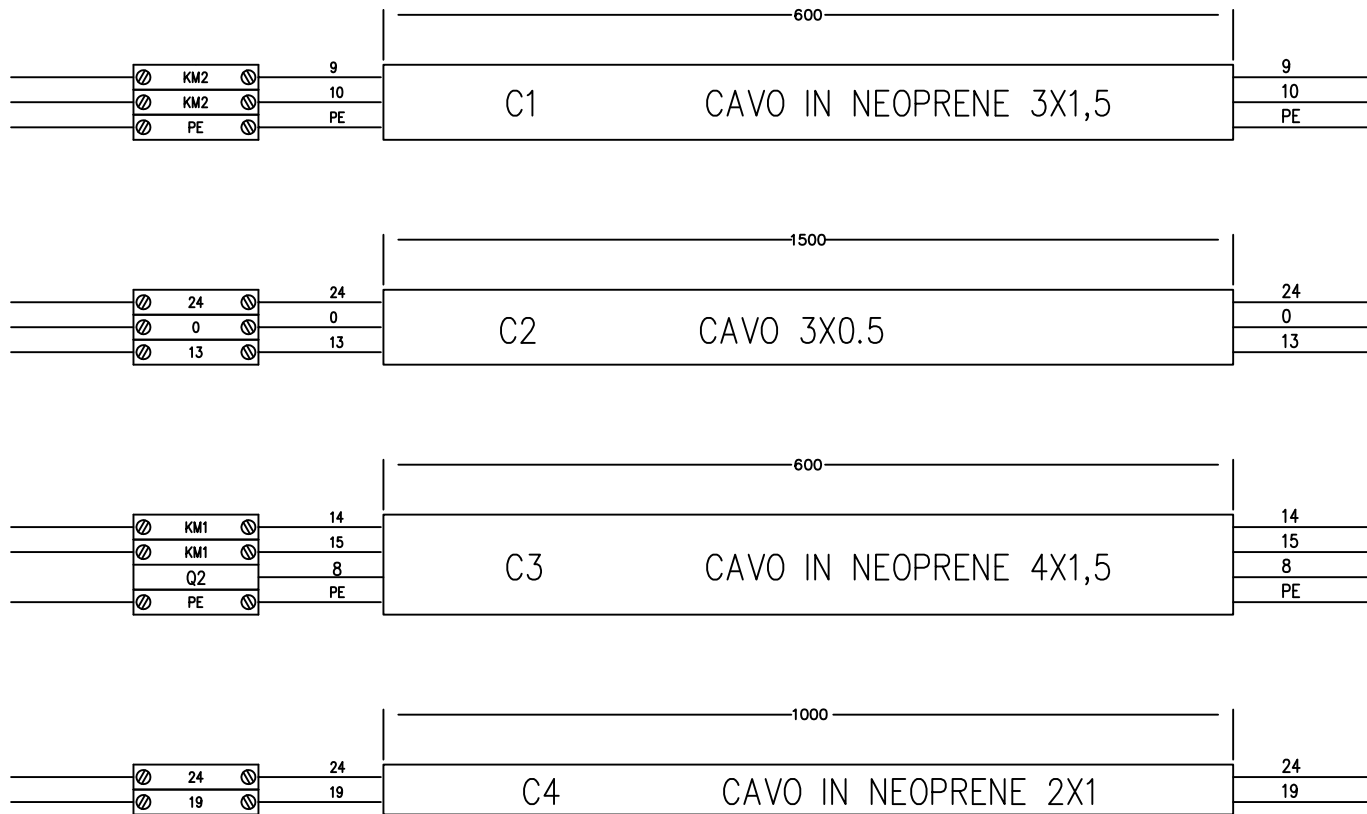
EXTERNAL CONDENSING UNIT



A	REVISIONE GENERALE	29/04/2008	N.C.1	DATE 16/10/2007
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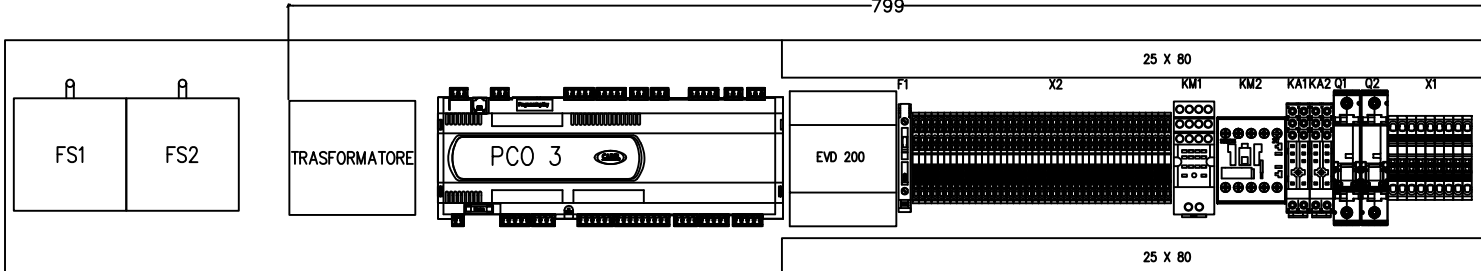
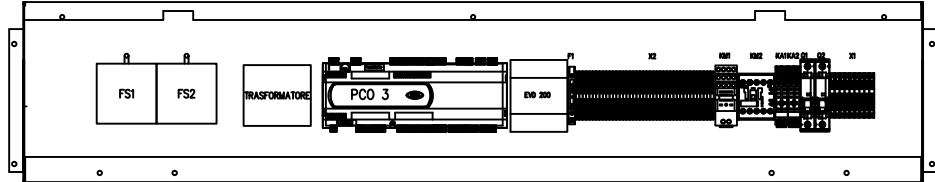
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1		2		3



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LAYOUT COMPONENTI E USCITE CAVI (LA LUNGHEZZA DEI CAVI E' RIFERITA ALL'ESTERNO DEL QUADRO)



C1

C2

C3

C4

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4

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7

8

A

LAYOUT PIASTRA DI FONDO

A

B

B

C

988

C

157

D

D

E

E

F

F

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CONTINUE 17

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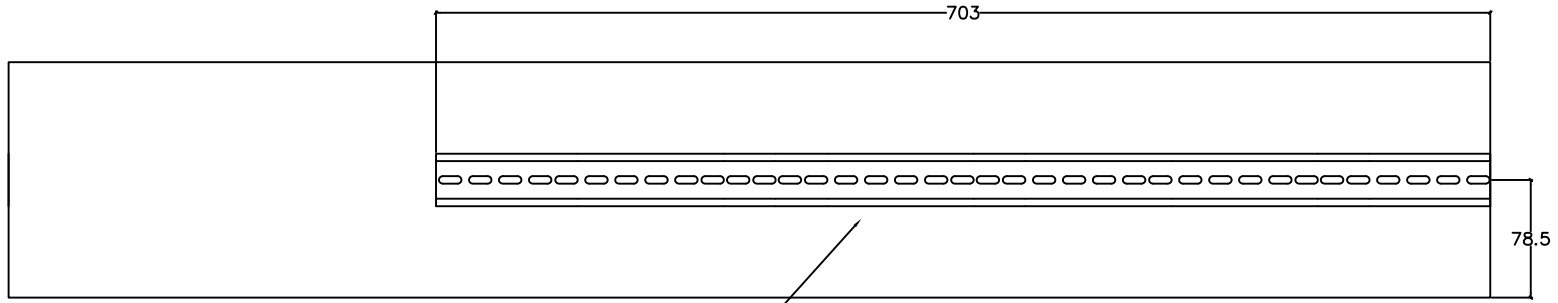
6

7

8



LAYOUT GUIDE DIN



QUESTA GUIDA DIN DEVE  
ESSERE RIALZATA DI 10mm

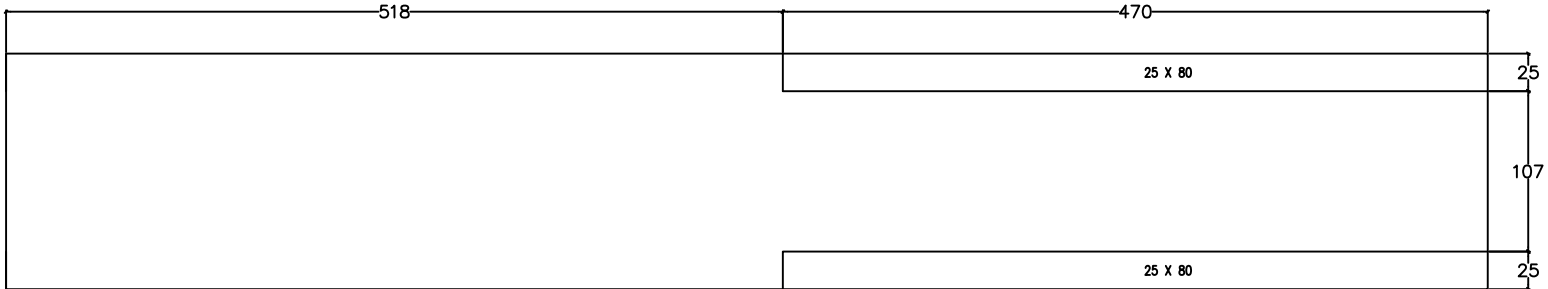
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LAYOUT CANALINE



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A	UBICAZIONE	SIGLA	FUNZIONE	MARCA	CODICE	DESCRIZIONE	QUANTITA'	M.U.	POSIZIONE	A
		Q1	PROTEZIONE LINEA UPS	SIEMENS	5SY6 006-7	INT. AUT. 1P+N C6 6KA	1	PCE		
		Q2	PROTEZIONE RESISTENZE ELETTRICHE	SIEMENS	5SY6 016-7	INT. AUT. 1P+N C16 6KA IL QUADRISTA DEVE PREDISPORRE SOLO I FILI	1	PCE		
B		F1	PROTEZIONE CIRCUITO DI COMANDO	ITALWEBER	0104004	FUSIBILE IN VETRO 5 X 20 In= 4A	1	PCE		B
		F2	PROTEZIONE POMPA SCARICO CONDENZA	ITALWEBER	0101001	FUSIBILE IN VETRO 5 X 20 In= 1A IL QUADRISTA NON DEVE MONTARLO	1	PCE		
		F	MORSETTO PORTA FUSIBILE	PHOENIX	3004100	PER FUSIBILI TIPO G 5 X 20	2	PCE		
		X1	MORSETTIERA	PHOENIX	3031393	MORSETTO A MOLLA GRIGIO ST 4-TWIN	4	PCE		
C		X1	MORSETTIERA	PHOENIX	3031416	MORSETTO GIALLO VERDE ST 4-TWIN-PE	2	PCE		C
		X2	MORSETTIERA	PHOENIX	3031128	MORSETTO A MOLLA ST 1.5-TWIN	41	PCE		
		TR	TRSFOMATORE	MARINI	75TM100F	TRASFORMATORE V1=230V / V2=24V S=100VA	1	PCE		
D		KM1	ON/OFF RESISTENZA	FINDER	55328024 + 9472 + 09471	RELE' 2 CONTATTI 10A BOB. 24VAC IL QUADRISTA DEVE PREDISPORRE SOLO LO ZOCCOLO	1	PCE		D
		KM2	ON/OFF VENTILATORE EVAP.	SIEMENS	3RT1017-1AB00	TELERUTTORE 3P 400V 5,5 KW BOB. 24VAC	1	PCE		
		KA1	ON/OFF TELERUTTORE COMPRESSORE	FINDER	40528024+9505+095.71	RELE' 2 CONTATTI 8A BOB. 24VAC	1	PCE		
		KA2	RELE' ALLARME GENERALE	FINDER	40528024+9505+095.71	RELE' 2 CONTATTI 8A BOB. 24VAC	1	PCE		
E			PIASTRA DI FONDO	HIREF	HF17000983	PIASTRA DI FONDO	1	PCE		E
			VANO Q.E.	HIREF	HF17000982	VANO Q.E.	1	PCE		
F	A	REVISIONE GENERALE	29/04/2008	N.C.1	DATE	16/10/2007				
					DRAW.	N.C.1				
					CHECK	F.F.1				
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