



**CARATTERISTICHE ELETTRICHE
ELECTRIC CHARACTERISTIC**

SERIE	DHAU/DC060...190.....pC01
MODEL WITH PLUG FAN	
JAD/U060-190 400V+N	
ELECTRIC CHARACTERISTIC	

VERS.

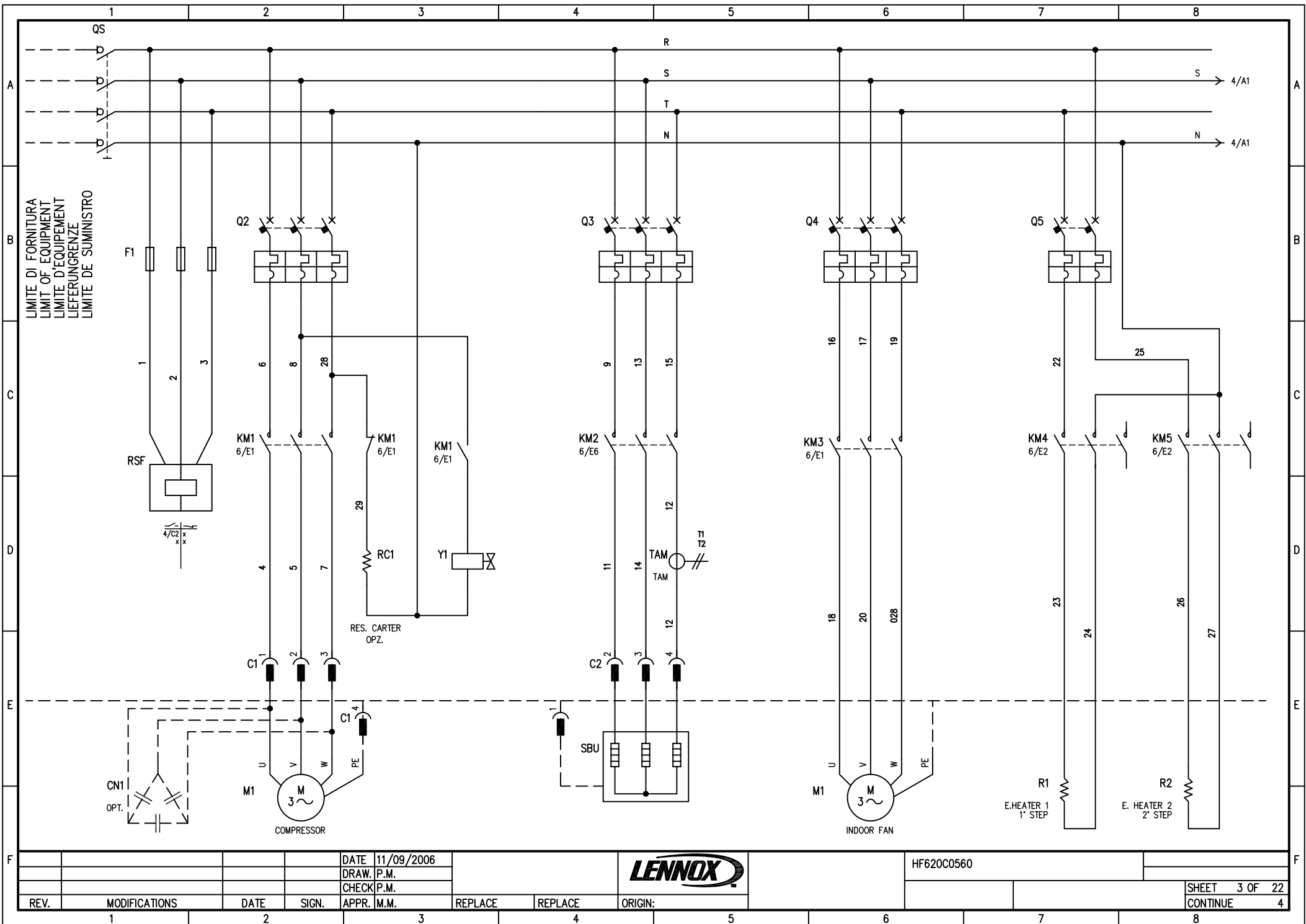
"F"= SOLO FREDDO-ONLY COOLING
 "F+C"= FREDDO/CALDO-ONLY COOLING/HEATING
 "F+U"= FREDDO/UMIDITA'-COOLING/HUMIDITY
 "F+C+U"= FREDDO/CALDO/UMIDITA'- COOLING/HEATING/HUMIDITY

A	SOL.VAL.+FC DAMP.	15/05/2007	FF	DATE	11/09/2006		HF620C0560		SHEET 1 OF 22 CONTINUE 2
B	CONNESSIONE VALVOLE UMIDIFICATORE	21/11/2007	C.N.	DRAW.	P.M.				
C	ALL. GUAINA QUADRO-SPORTELLI	27/03/2008	C.N.	CHECK	P.M.				
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:	

1	2		3		4		5		6		7		8	
A	SIGN.	Descriptions	Note		SIGN.	Descriptions	Note		SIGN.	Descriptions	Note			
	AP1	PRESSOSTATO DI ALTA HIGH PRESSURE P-STAT PRESSOSTAT HAUTE PRESSION DRUCKSCHALTER, HOCHDRUCK PRESOSTATO DE ALTA			RSF	RELE' SEQUENZA FASE PHASE SEQUENCE CONTROL RELAY RELAIS DE CONTROLE DE PHASE D'ETAGE STEURRELAIS FUER PHASENFOLGE RELE' CONTROL SECUENCIA FASES			Q1	INTERR. RSF SWITCH RSF INTERR. RSF AUTOMATISCHER RSF INTERR. RSF				
	KA3	RELE' ALTA HI-PRESSURE RELAIS RELAIS HAUTE PRESSION RELAIS HOCHDRUCK RELE DE ALTA			SR1	SERRANDA DAMPER REGISTRE MOTORISIERTA COMPUERTA			Q2	INTERR. COMPRESSORI SWITCH COMPRESSORS INTERR. COMP. AUTOMATISCHER KOMP. INTERR. COMP.				
	KM1	CONTATTORI COMPRESSORE COMPRESSOR CONTACTORS CONTACTEUR COMPRESSEUR SCHUTZ VENDICHTER CONTACTOR DEL VENTILADOR			FS1	PRESSOSTATO FLUSSO ARIA AIR FLOW PRESSURE SWITCH PRESSOST. D'ENCRASSEMENT DE FILTRE DRUCKSCHALTER NIEDERDRUCK PRESOSTATO DE BAJA			Q4	INTERR. UMIDIFICATORE SWITCH HUMIDIFIER INTERR. HUMIDIFIC. AUTOMATISCHER BEFEUCHTER INTERR. HUMIDIF.				
	KM3	CONTTATORE UMIDIFICATORE HUMIDIFIER CONT. CONT. HUMIDIFICATEUR BEFEUCHTER VERSORGUNG CONT. HUMIDIFICADOR			TP1 TP2	TERMOSTATO SICUREZZA RISCALDAMENTO HEATING SAFETY THERMOSTAT THERMOSTAT DE SECURITE' CHAUFFAGE THERMOSTATE ELEKTROHEIZUNG THERMOSTATO DE SEGURIDAD DE LAS RESISTENCIAS			Q5	INTERR. VENTILATORI SWITCH FANS INTERR. VENT. AUTOMATISCHER VENT. INTERR. VENT.				
	KM4	CONTATTORE MOTOVENTILATORE FAN MOTOR CONECTOR CONTACTEUR VENTILATEUR VENTILATOR SCHUETZ CONTACTOR DEL MOTOVENTILADOR			P1	PRESSIONE CONDENSAZIONE CONDENSING PRESSION SENSOR SONDE DU PRESSION DE CONDENSATION KONDENSATIONSDRUCK-FUEHLER SONDA PRESSION CONDENSACION			Q6	INTERR. RISCALDAMENTO ELETTRICO SWITCH E. HEATERS INTERR. CHAUFFAGE ELET. AUTOMATISCHER ELETR.HAIZUNG INTERR. RES.				
	KM5 KM6	RISCALDAMENTO ELETTRICO EL. HEATERS CHAUFFAGE ELETTRIQUE ELETR. HAIZUNG RESISTENCIAS ELETRICAS			SA	TEMPERATURA AMBIENTE INTERNO SHELTER INTERNAL AIR TEMPERATURE SENSOR SONDE TEMPERATURE D'AIR ENINTERIOR AUSSERER LUFTEMP.-FILTER SONDA DE TEMPERATURA DE LA DESCARGA DE AIRE			Q7	INTERR. AUSILIARI SWITCH AUX INTERR. AUS. AUTOMATISCHER AUX INTERR. AUS.				
	C1 C2	COMPRESSORE COMPRESSOR COMPRESSEUR KOMPRESSOR COMPRESOR			SM	TEMPERATURA ARIA IN MANDATA DISCHARGE AIR TEMPERATURE SONDE DE TEMPERATURE ZULUFTTEMPERATUR TEMP. DE LA DESCARGA DE AIRE			RC1	RESISTENZE CARTER CRANKCASE HEATERS RESISTANCE DE CARTER KUBELWANNENHEIZUNG RESISTENCIAS DE CARTER				
	TR	TRASFORMATORE TRANSFORMER TRANSFORMATEUR TRANSFORMATOR TRANSFORMADOR			SE	TEMPERATURA ARIA ESTERNA OUTDOOR AIR SENSOR SONDE D'AIR EXTERNE AUSSENLUFTUEHLER SONDA DE AIRE EXTERNA			Y1 Y2	SOLENOIDI LIQUIDO FREON SOLENOID VALVE ELECTROVANNE FREON MAGNETVENTIL-KAELTEMITTEL ELECTROVALVULA FREON				
	QS	INTERRUTTORE GENERALE MAIN SWITCH INTERRUPTEUR GENERAL HAUPTSCHALTER INTERRUPTOR GENERAL			BP1	PRESSOSTATO DI BASSA LOW PRESSURE P-STAT PRESSOSTAT BASSE PRESSION DRUCKSCHALTER NIEDERDRUCK PRESOSTATO DE BAJA			TP3 TP4 TP5	TERMICHE VENTILATORI THERMAL PROTECTIONS FANS TERMICHE VENTILATORI TERMICHE VENTILATORI TERMICHE VENTILATORI				
M1 M2 M3	MOTOVENTILATORE EVAPORANTE EVAP. FAN MOTOR MOTEUR VENTILATEUR DE EVAP. EVAP.-LUEFTER MOTOVENTILADOR EVAPORADORA			K1	REGOLATORE DI VELOCITA' SPEED CONTROLLER REGULATEUR DE VITESSE VENTILATOR/DREHZAHLEGLER REGULADOR VELOCIDAD			Y4	CARICO ACQUA UMID. HUMIDIFIER FEED VALVE ELECTROVANNE D'ALIM. DE HUMID. BEFEUCHTER VERSORGUNG VALVULA ALIM. HUMIDIF.					
CN1	COND. DI RIFASAMENTO POWER FACT. CORRECTION COND. CORRECT. COS. PHI KOND. KORR. COS. PHI COND. DE COMP. DE FASES			FS2	PRESSOSTATO FILTRI SPORCHI CLOGGED FILTER PRESSURE SWITCH PRESSOSTAT D'ENCRASSEMENT DE FILTRE DRUCKSCHALTER. FILTERVERSCHMUTZUNG PRESSOSTATO FILTROS SUCIOS			Y5	SCARICO ACQUA UMID. HUMIDIFIER DRAIN VALVE ELECTR. DE DRAINAGE DE HUMID. BEFEUCHTER ENTFUEHLUNG VALVULA DESAGUE HUMID.					
				R1 R2	RISCALDAMENTO ELETTRICO EL. HEATERS CHAUFFAGE ELETTRIQUE ELETR. HAIZUNG RESISTENCIAS ELETRICAS			SU	SONDA UMIDITA' HUMIDITY PROBE HYGRUMETRIE FUEHLER LUFTFEUCHTIGKEITSMESSUNG SONDE DE HUMEDAD					
F				DATE	11/09/2006									
				DRAW.	P.M.									
				CHECK	P.M.									
	REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:					SHEET 2 OF 22 CONTINUE 3
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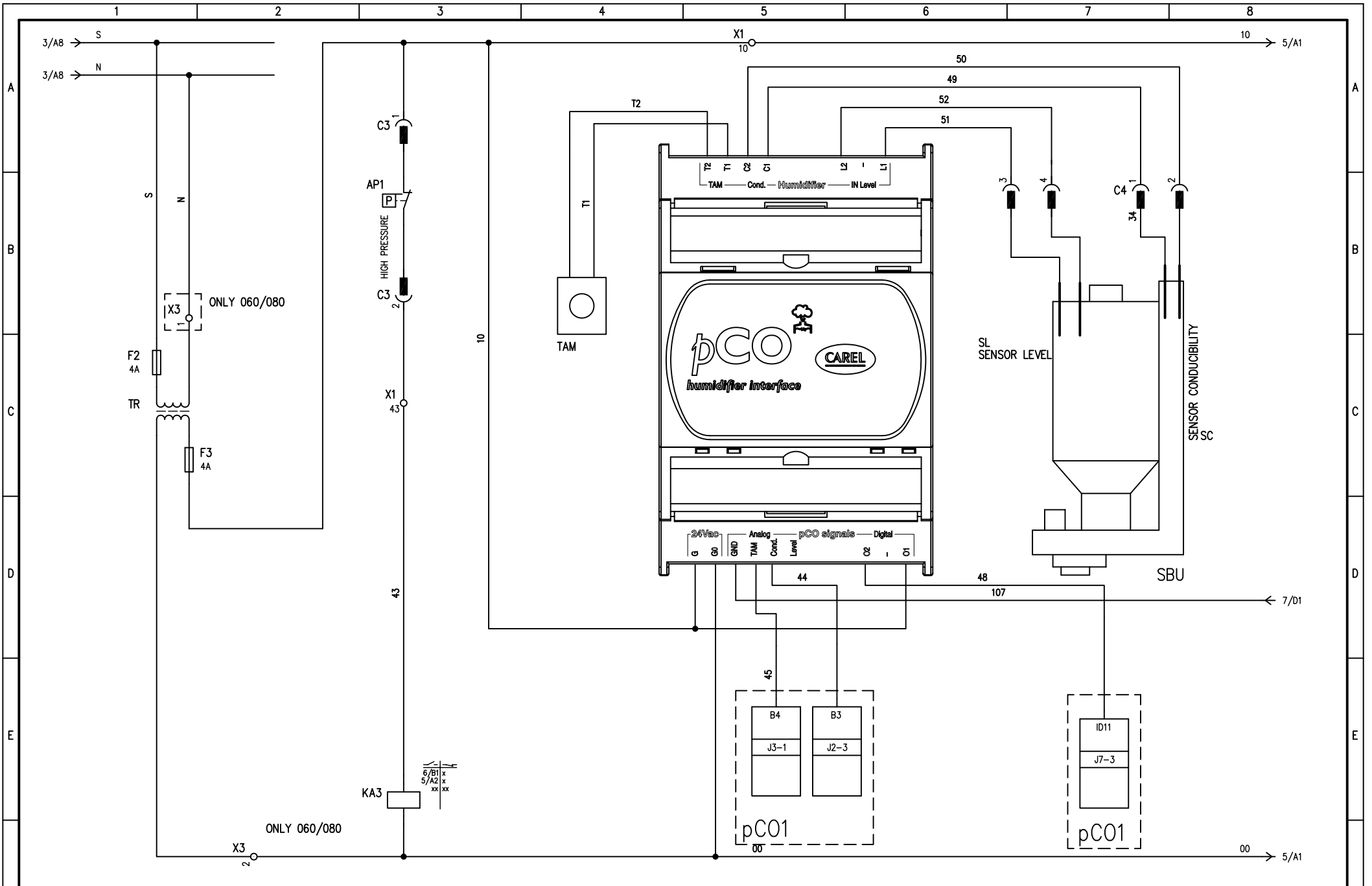
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 LIMIT OF EQUIPMENT
 LIMITE D'EQUIPEMENT
 LIEFERUNGRENZE
 LIMITE DE SUMINISTRO

DATE 11/09/2006
 DRAW. P.M.
 CHECK P.M.



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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:
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DATE 11/09/2006
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 CHECK P.M.



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REV. MODIFICATIONS

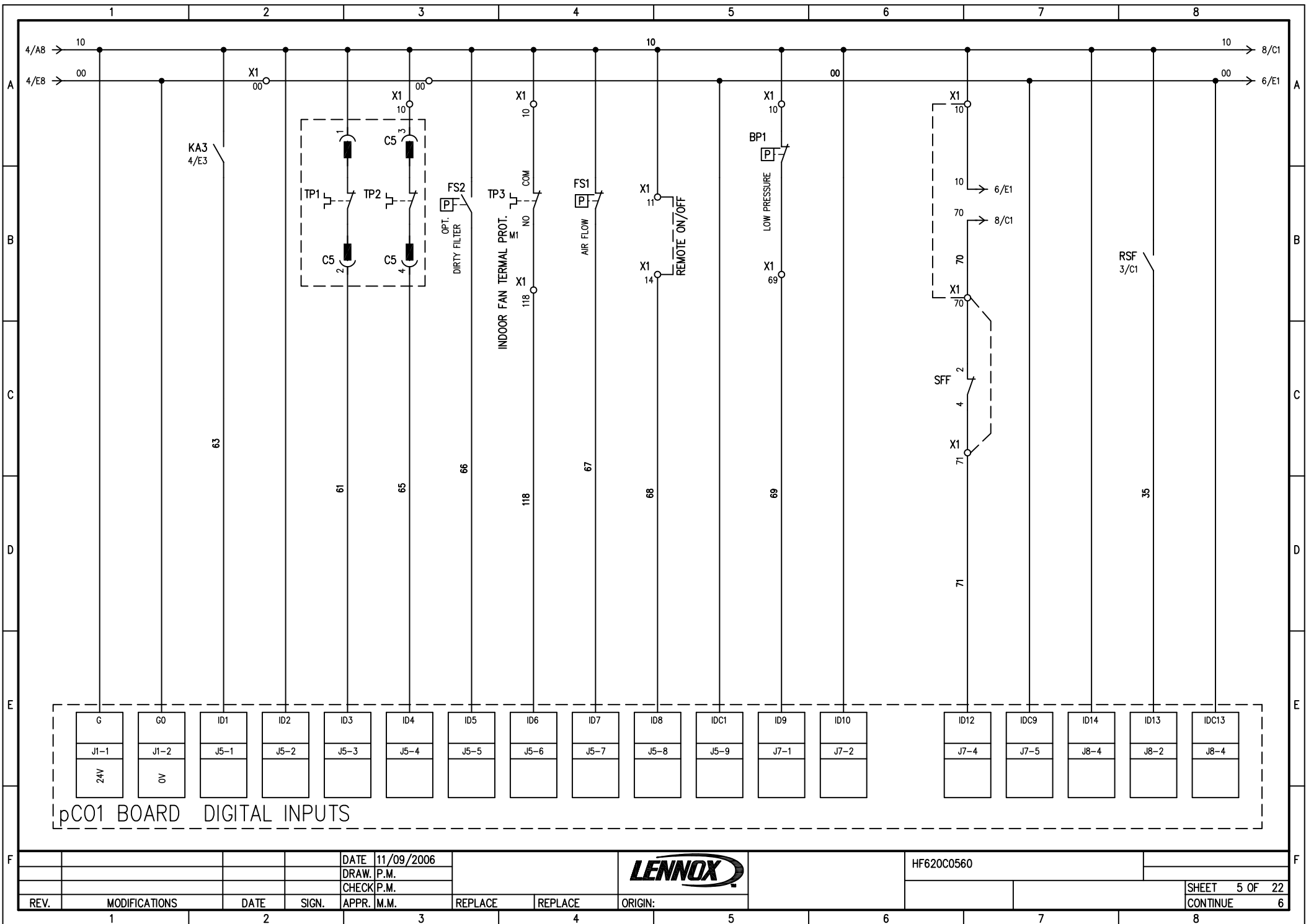
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APPR. M.M.

REPLACE REPLACE

ORIGIN:

SHEET 4 OF 22
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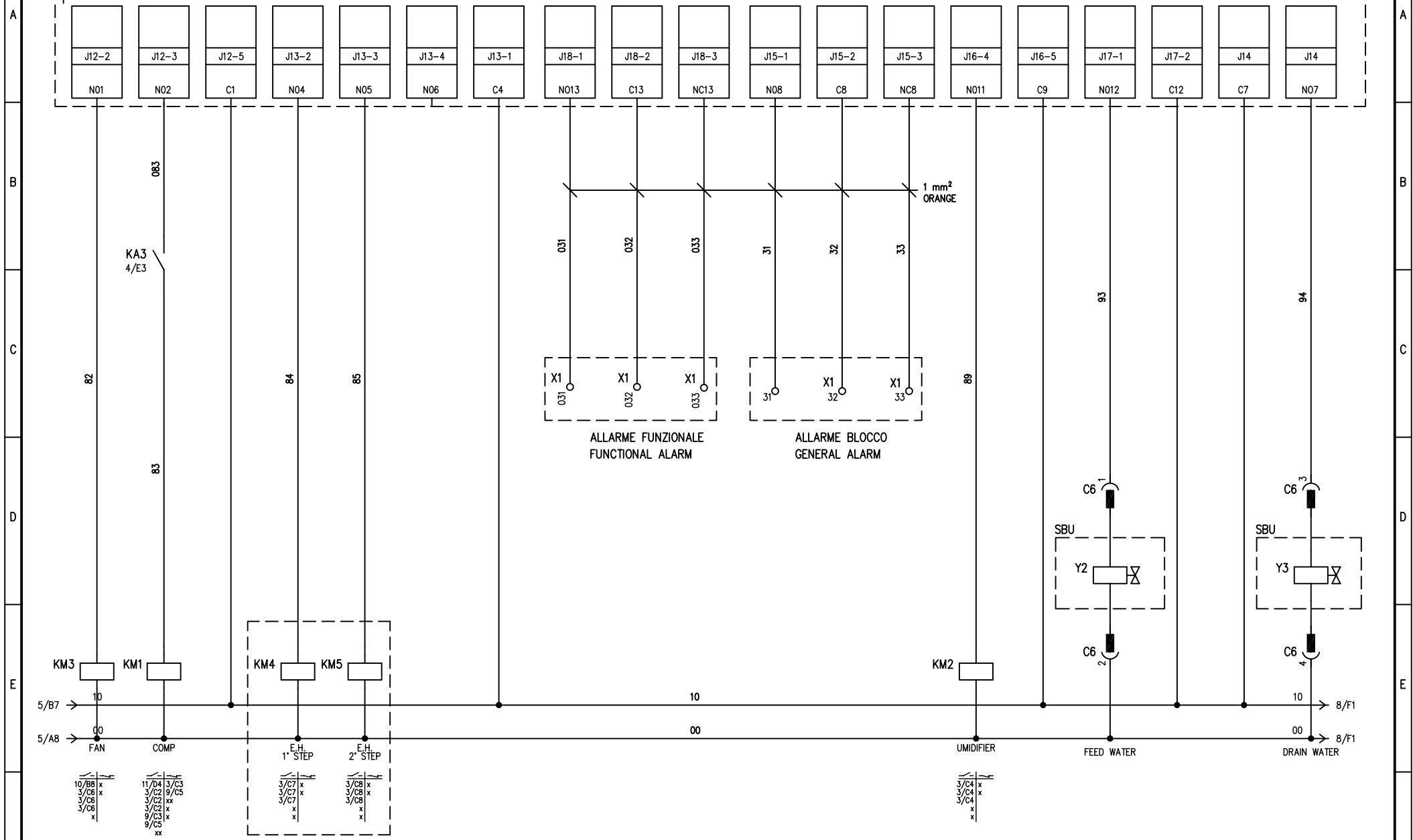


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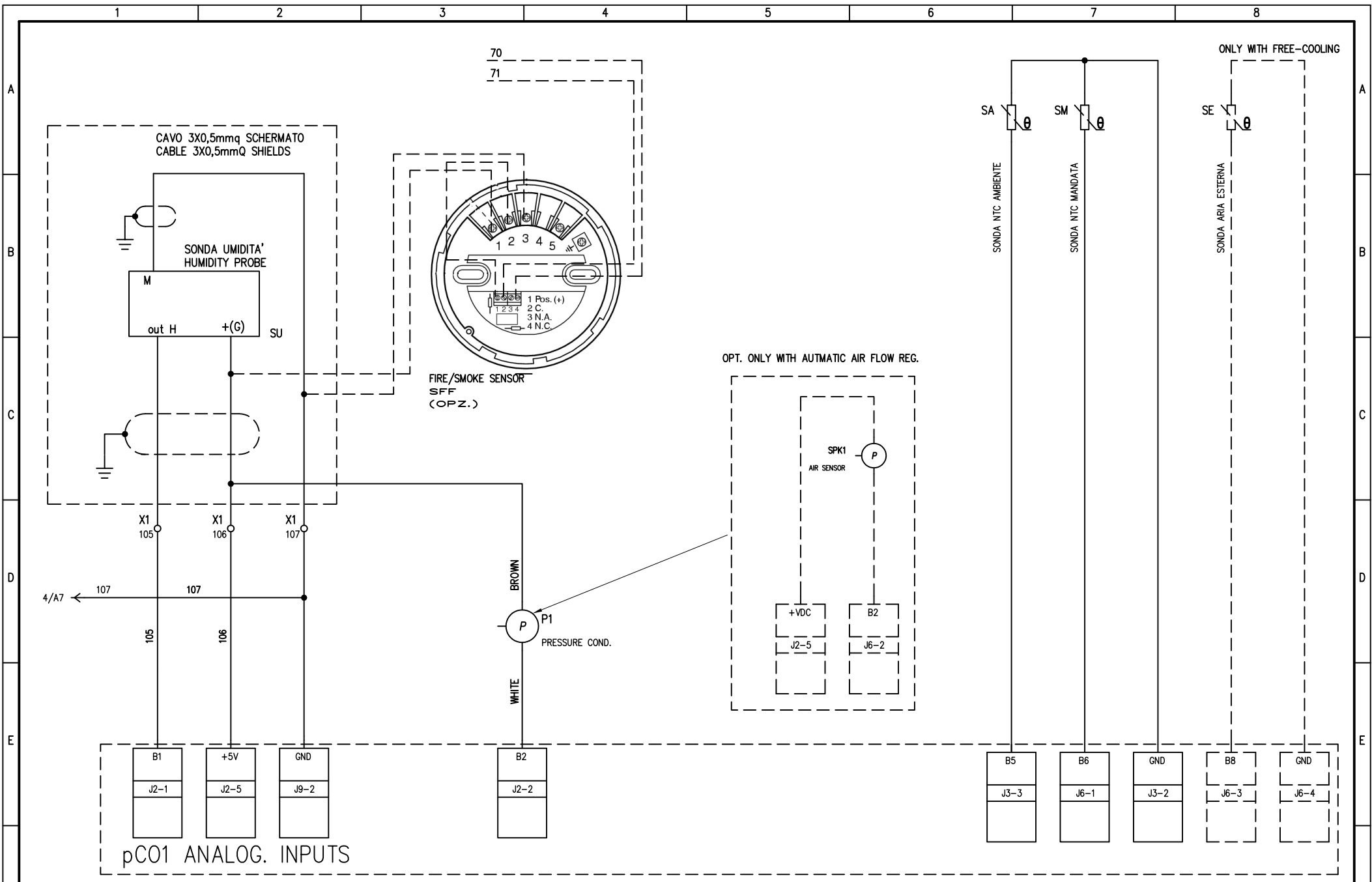


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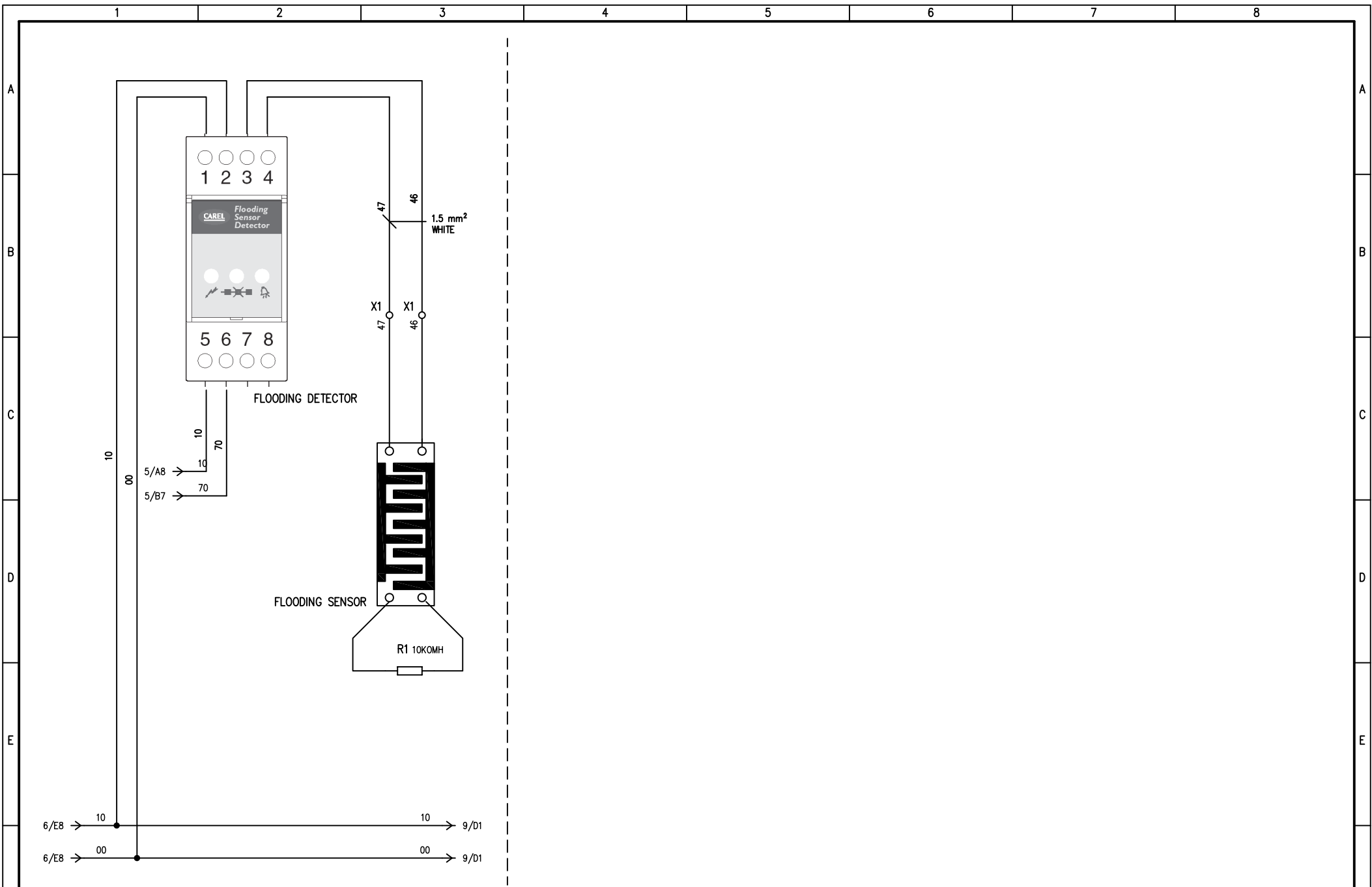
pC01 DIGITAL OUTPUTS



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				CHECK: P.M.								SHEET 6 OF 22	
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:			CONTINUE 7		
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				DATE	11/09/2006				HF620C0560			
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:			SHEET 7 OF 22	
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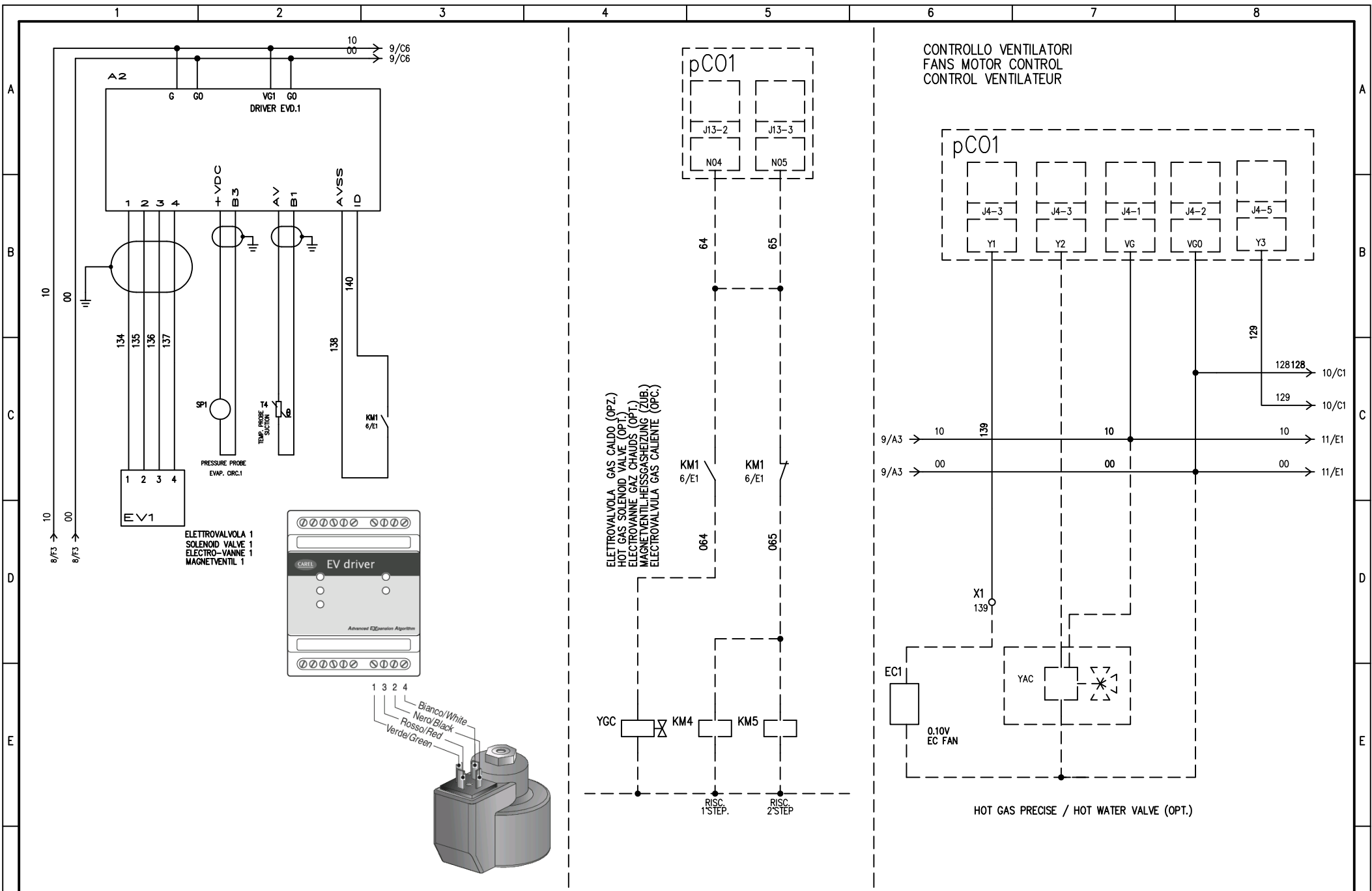


DATE 11/09/2006
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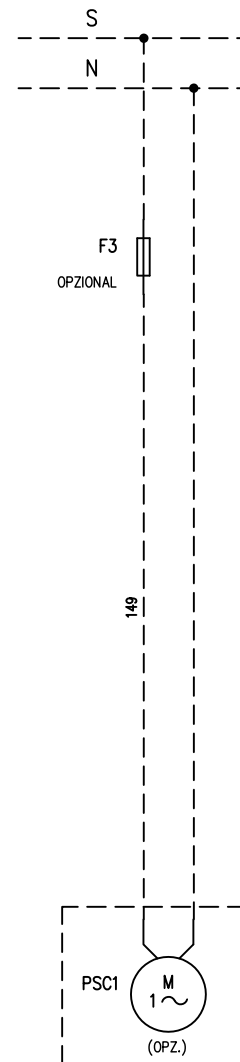
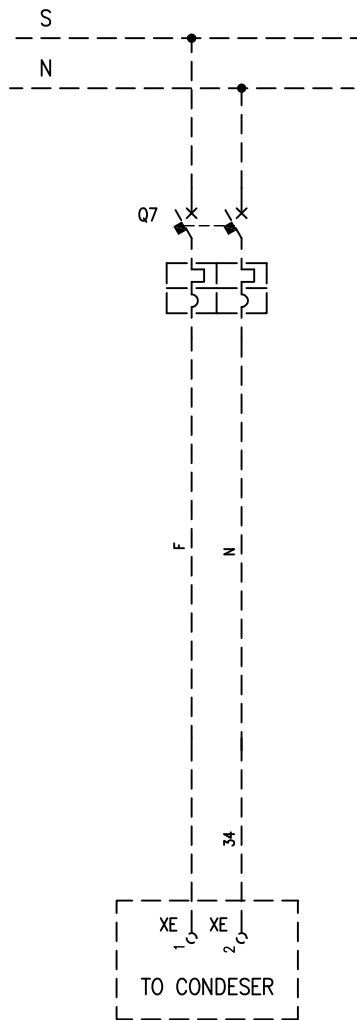
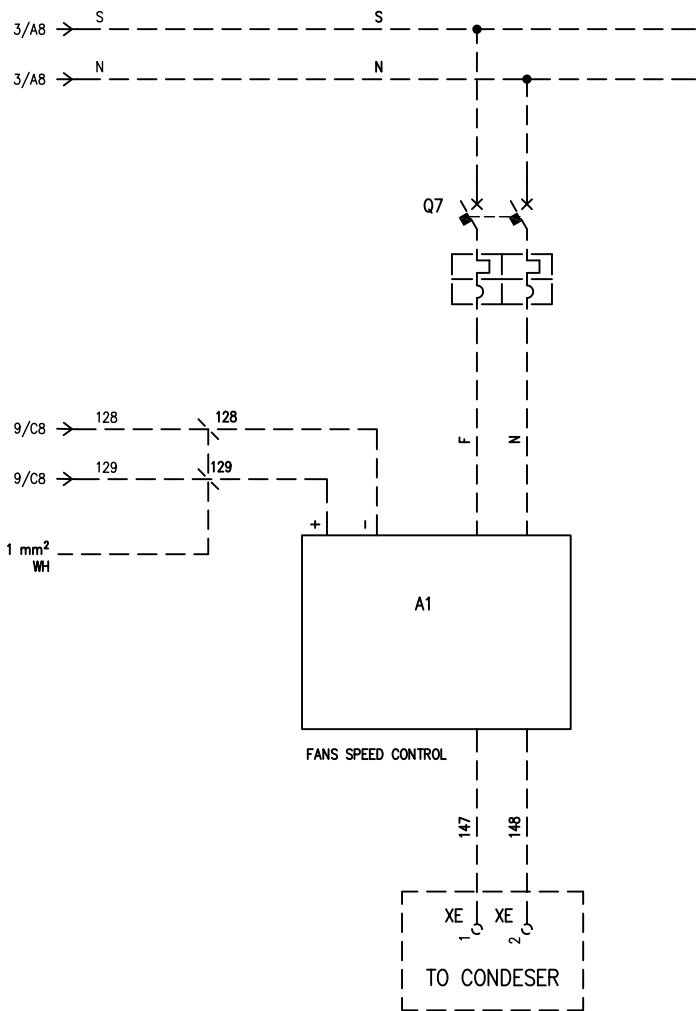


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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:
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C/CONDENSATION OPZ.

MCB OPZ.



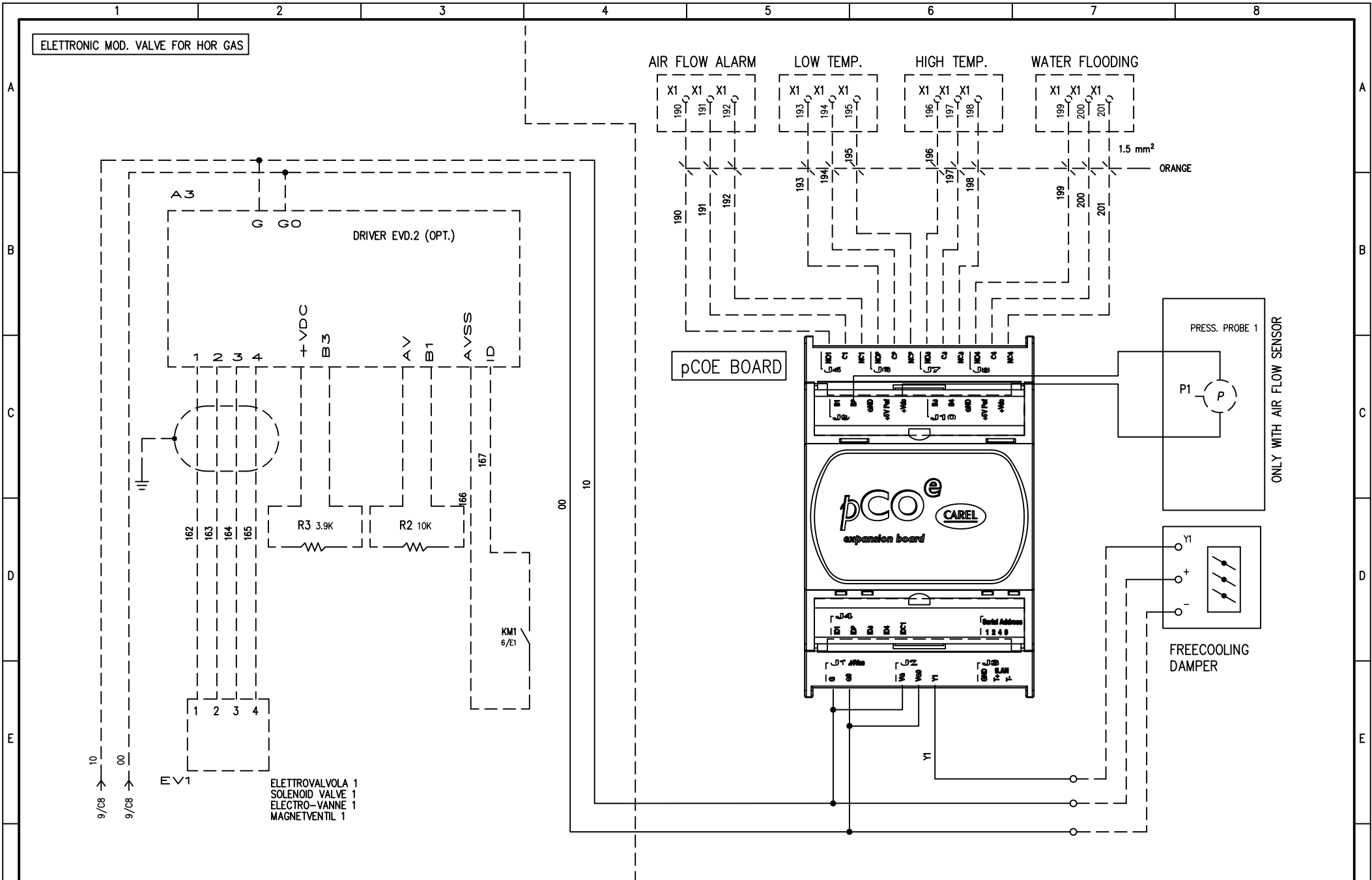
SEGNALAZIONE DELLO STATO DELL'UNITA' (OPZ.)
UNIT STATUS SIGNAL (OPT.)
ETAT DES SIGNAUX DE L'UNITE' (OPT.)
STATUSMELDEKONTAKT (ZUB.)
SENALIZACION DEL ESTADO DE LA UNIDAD (OPC.)

DATE	11/09/2006							
DRAW.	P.M.							
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:
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ELETTRONIC MOD. VALVE FOR HOR GAS



ELECTROVALVOLA 1
 SOLENOID VALVE 1
 ELECTRO-VANNE 1
 MAGNETVENTIL 1



DATE 11/09/2006

DRAW. P.M.

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REV. MODIFICATIONS

DATE SIGN. APPR. M.M.

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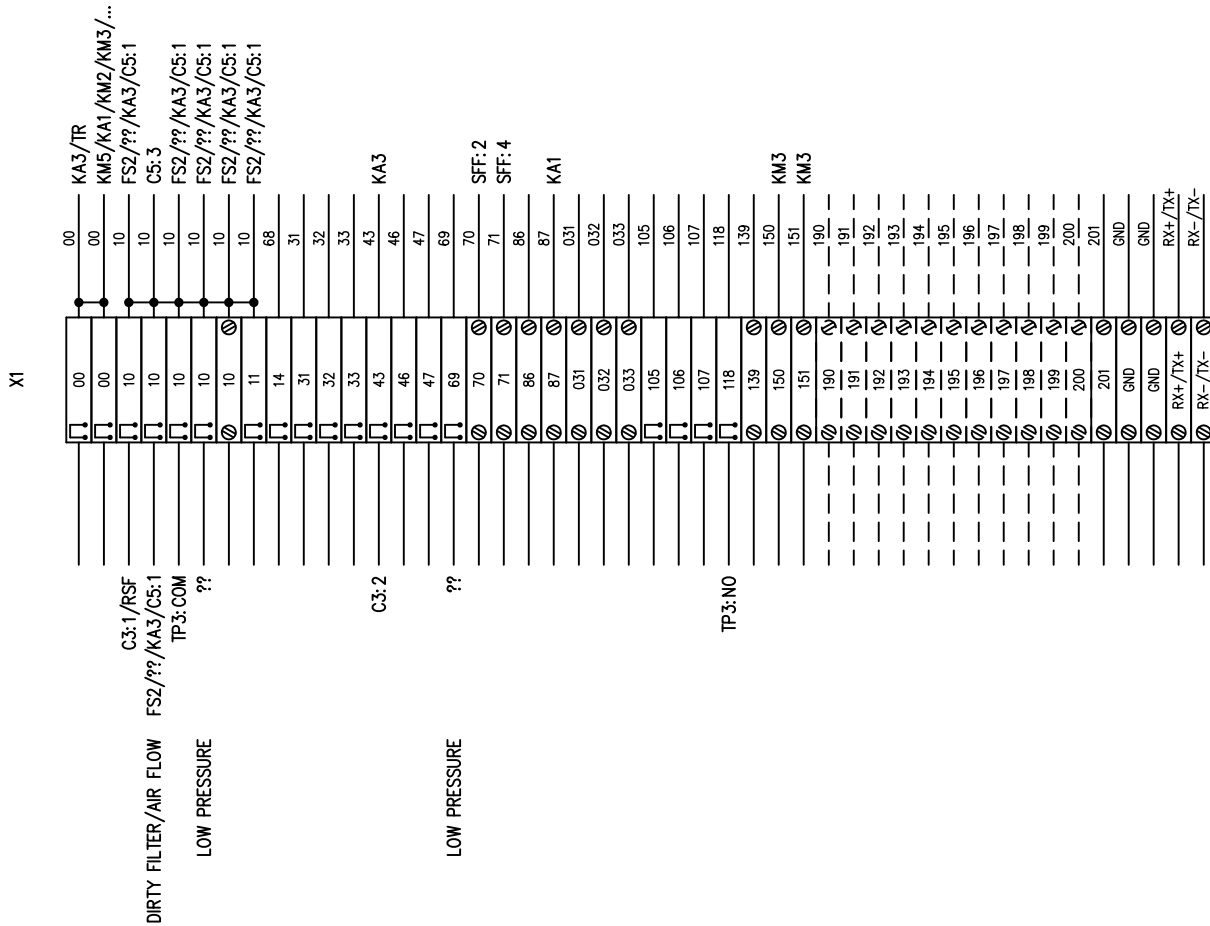
ORIGIN:

SHEET 11 OF 22
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F

F

TERMINAL STRIP
BÖRNIER
KLEMMLEISTE
KLEMMLEISTE



CONNETTORI

C1
CONNETTORE 4 VIE FEMMINA (FC)

Pin	Filo	Posizione
1	4	3/E2
2	5	3/E2
3	7	3/E2
4		3/E3

C2
CONNETTORE 4 VIE FEMMINA (FC)

Pin	Filo	Posizione
1		3/E3
2	11	3/E4
3	14	3/E4
4	12	3/E4

C3
CONNETTORE 4 VIE FEMMINA (FC)

Pin	Filo	Posizione
1	10	4/A3
2	43	4/B3

C4
CONNETTORE 4 VIE FEMMINA (FC)

Pin	Filo	Posizione
1	49	4/C7
2	50	4/C7
3	51	4/C7
4	52	4/C7

C5
CONNETTORE 4 VIE FEMMINA (FC)

Pin	Filo	Posizione
1	10	5/A3
2	61	5/B3
3	10	5/A3
4	65	5/B3

C6
CONNETTORE 4 VIE FEMMINA (FC)

Pin	Filo	Posizione
1	93	6/D7
2	00	6/E7
3	94	6/D8
4	00	6/E8

REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:

DATE: 11/09/2006
DRAW: P.M.
CHECK: P.M.



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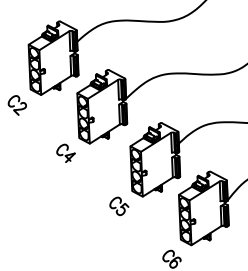
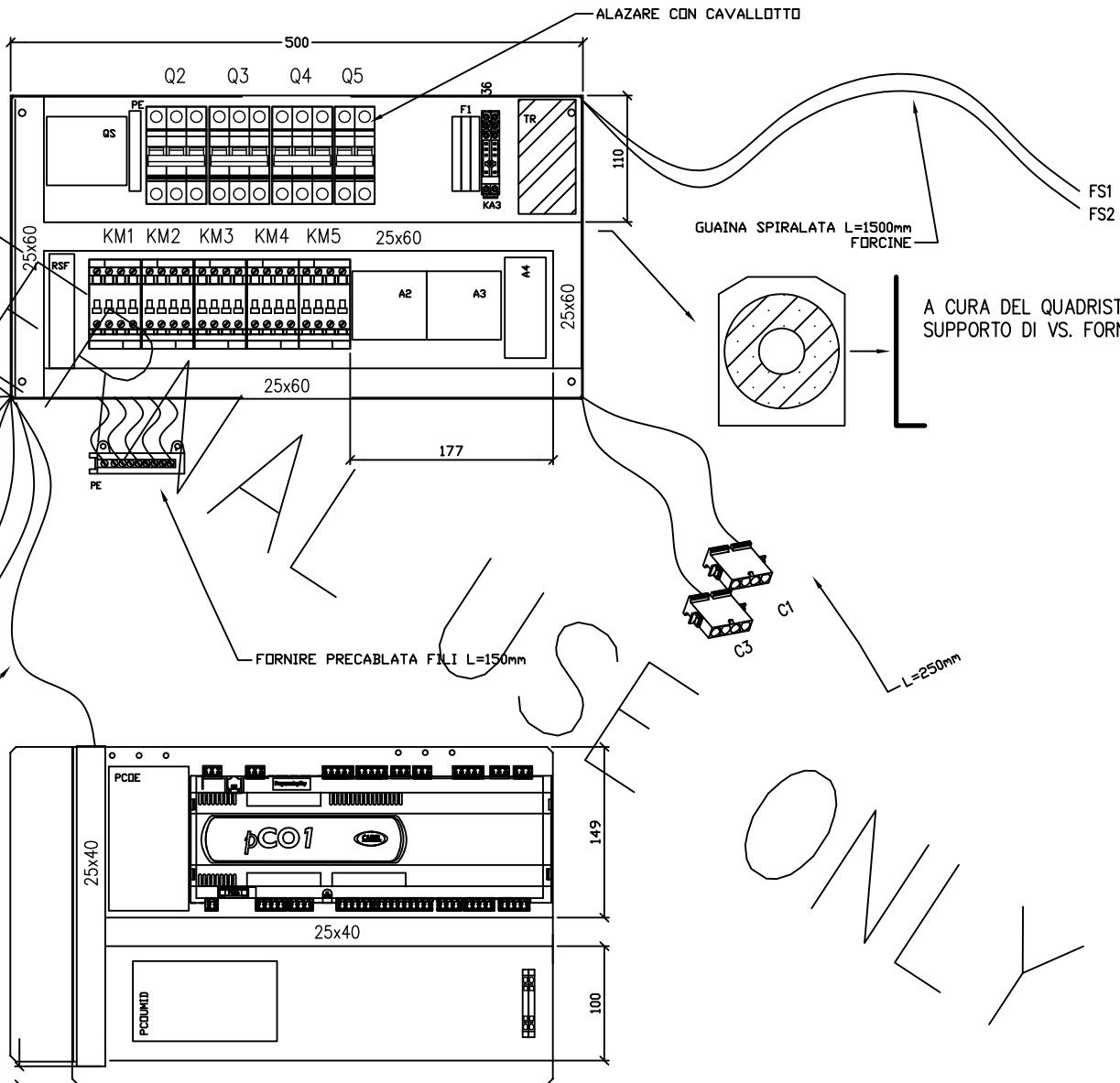
LAYOUT MOD.060/080

PIASTRA DI FONDO NS. COD. HF17000909

F1=USARE MORSETTI PORTAFUBILI PHOENIX UK5-HESI INTERBLOCATI

A
B
C
D
E
F

A
B
C
D
E
F



CAVO 3X1,5 NPI L=2000mm S-N
CAVO 2X0,5 NPI L=2000mm Y3-003
GUAINA SPIRALATA L=230mm

MORSETTI PHOENIX COD.ST1,5-TWIN 3031128 FISSARE SU GUIDA OMEGA CON FORI FATTI

DATE 11/09/2006		DRAW. P.M.		CHECK P.M.		ORIGIN:		HF620C0560		SHEET 14 OF 22	
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:			CONTINUE 15
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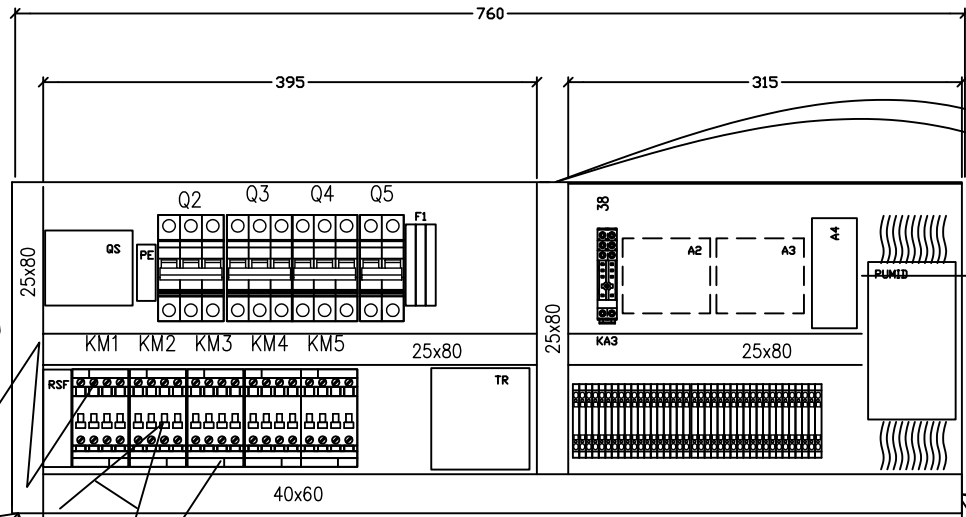


LAYOUT 100-110-130-160-190

PIASTRA DI FONDO NS. COD. HF17000756

F1=USARE MORSETTI PORTAFUBILI PHOENIX UK5-HESI INTERBLOCATI

FORNIRE I FILI ARANCONI DAL 190 AL 201 DI LUNGHEZZA 1300mm CON PUNTALINI DA UN SOLO LATO

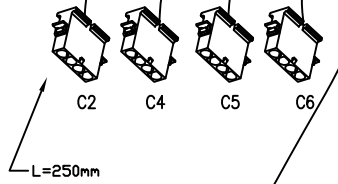


RIALZARE LA GUIDA DI 20mm PER FAR PASSARE I CAVI SOTTO

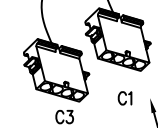
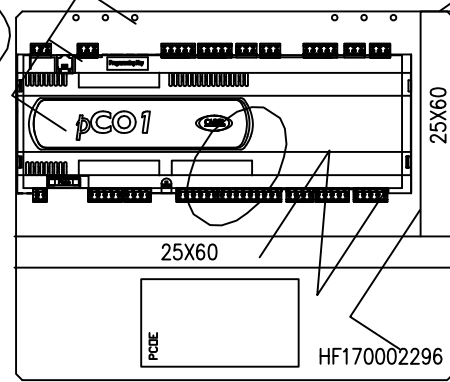
GUAINA SPIRALATA L=1800mm FORCINE

MORSETTI PHOENIX COD.ST1,5-TWIN 3031128
T1,T2 1mm ROSSO
L=500mm

FORNIRE PRECABLATA FILI L=150mm GUAINA SPIRALATA L=230mm



CAVO 3X1,5 NPI L=2000mm



				DATE	11/09/2006								
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:					SHEET 15 OF 22
1													CONTINUE 16



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A

A

B

B

C

C

D

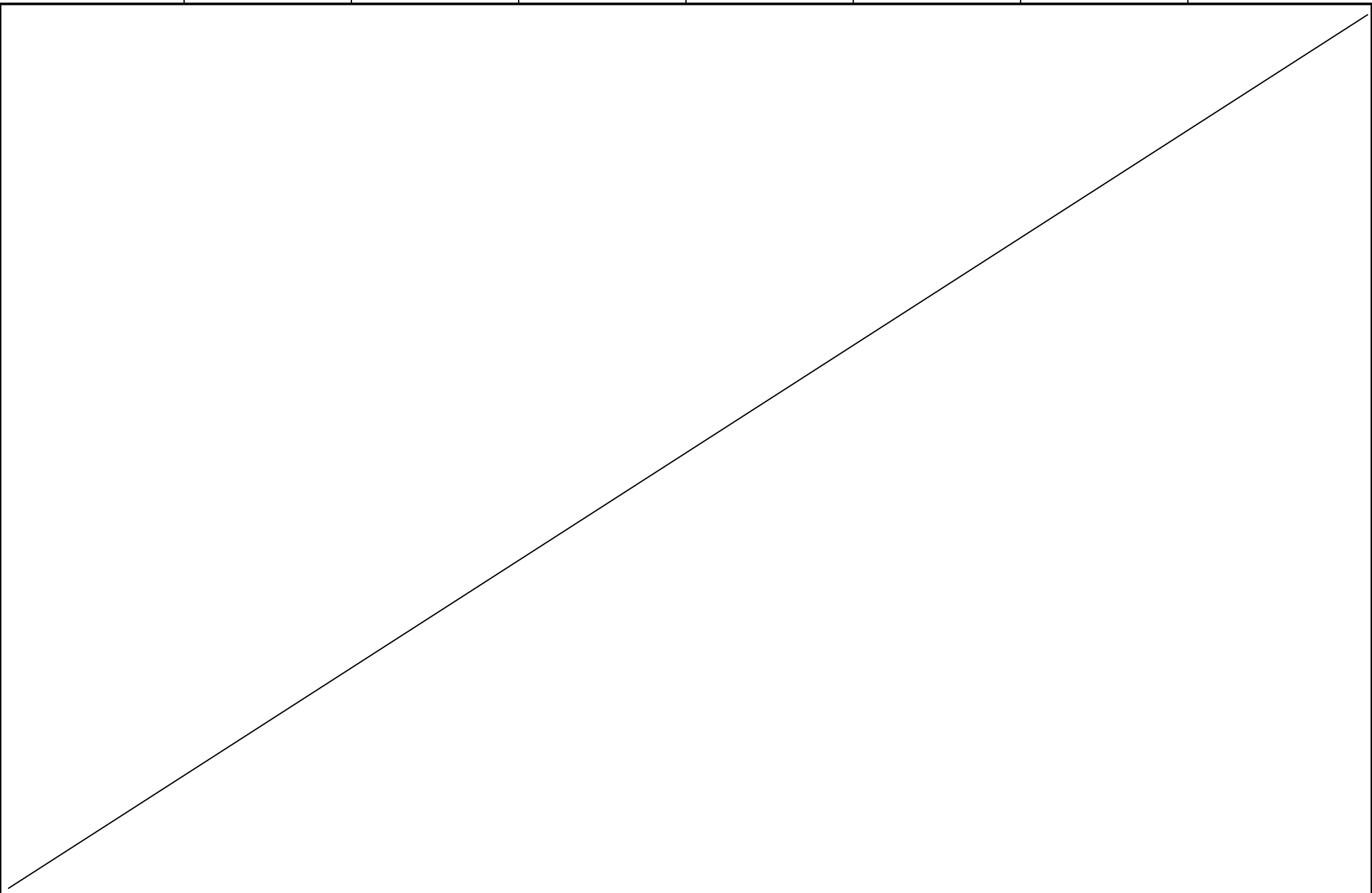
D

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DATE 11/09/2006
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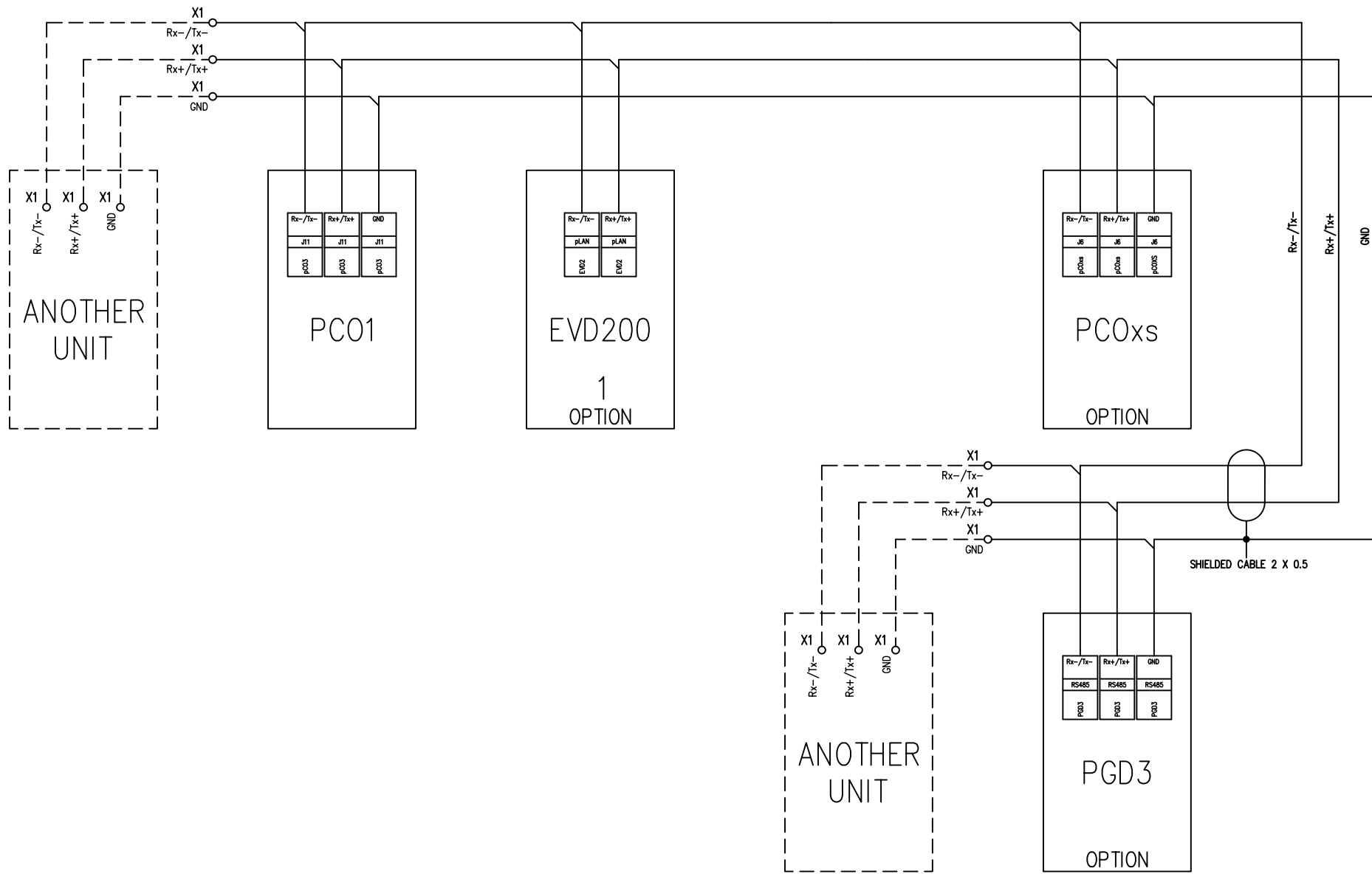


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SHEET 16 OF 22
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REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:
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pLAN CONNECTION



REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:	LENNOX	HF620C0560	SHEET 17 OF 22
1		2			3			4	5	6	7
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DATE 11/09/2006
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1	2	3	4	5	6	7	8	
060-080	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position
A	M1	VENT. EVAP.				1		3/E05
	Q2	COMPRESSORE	MOELLER/AEG	E93C06/242943	INT.AUT.Eifa E90 3P C 6A 6kA /PLS6-C6/3	1	PCE	3/B04
	Q3	UMID.	MOELLER/AEG	E93C06/242943	INT.AUT.Eifa E90 3P C 6A 6kA/PLS6-C6/3	1	PCE	3/B05
B	Q4	VENT.	MOELLER/AEG	E93C06/242943	INT.AUT.Eifa E90 3P C 6A 6kA/PLS6-C6/3	1	PCE	3/B06
	Q5	RISC.	MOELLER/AEG	E92C10/242876	INT.AUT.Eifa E90 3P C 16A 6kA/PLS6-C16/3	1	PCE	3/B07
	QS		4X32	OT32E4		1		3/A01
	R1	RISCALDAMENTO ELETTRIC.				1		3/E04
C	RSF	RELE' SEQUENZA FASI				1		3/C02
	SA	SONDA AMBIENTE				1		6/B05
	TR		100VA		CON FUS. A BORDO	1		3/C07
D								D
E								E
F								F
				DATE	11/09/2006			
				DRAW.	P.M.			
				CHECK	P.M.			
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:
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								HF620C0560
								SHEET 20 OF 22
								CONTINUE 21



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100...190	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position	
	AP	ALTA PRESSIONE				1		4/C02	
	BP	BASSA PRESS.				1		5/A06	
	C1	COMPRESSORE				1		3/E02	
	EV1					1		7/B05	
	EV2					1		7/B05	
	F1/2/3		4AF		FUSIBILE 5X20	1	PCE	3/D08	
	H1	UMIDIFICATORE				1		3/E06	
	KA3	RELE' ALTA PRESSIONE		40528024		1		4/E02	
	KM1	COMP.	MOELLER/AEG	LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	4/E04	
	KM2	UMIDIFICATORE	MOELLER/AEG	LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	4/E06	
	KM3	VENT. EVAP.	MOELLER/AEG	LS710-55/4852	TEL. AEG LS7.10 24V/DIL00AM-10 24V	1	PCE	4/E07	
	KM4	RISC. 1 STEP	MOELLER/AEG	LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	6/B03	
	KM5	RISC. 2 STEP	MOELLER/AEG	LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	6/B03	
				DATE 11/09/2006					
				DRAW. P.M.		HF620C0560			
				CHECK P.M.					
REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.	REPLACE	REPLACE	ORIGIN:	SHEET 21 OF 22 CONTINUE 22	
1	2	3	4	5	6	7	8		

1	2	3	4	5	6	7	8	
100...190	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position
	M1/M2	VENT. EVAP.				1		3/E05
	Q2	COMPRESSORE	MOELLER/AEG	E93C16/242946	INT.AUT.Eifa E90 3P C 16A 6kA/PLS6-C16/3	1	PCE	3/B04
	Q3	UMID.	MOELLER/AEG	E93C06/242943	INT.AUT.Eifa E90 3P C 06A 6kA/PLS6-C06/3	1	PCE	3/B05
	Q4	VENT.	MOELLER/AEG	E96C16/242949	INT.AUT.Eifa E90 3P C 16A 6kA/PLS6-C16/3	1	PCE	3/B06
	Q5	RISC.	MOELLER/AEG	E92C20/242881	INT.AUT.Eifa E90 2P C 20A 6kA/PLS6-C20/2	1	PCE	3/B07
	QS		4X45	OT45E4		1		3/A01
	R1	RISCALDAMENTO ELETTRIC.				1		3/E04
	RSF	RELE' SEQUENZA FASI				1		3/C02
	SA	SONDA AMBIENTE				1		6/B05
	TR2		100VA		CON FUS. A BORDO	1		3/C07
REV.		MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE
1								
DATE		11/09/2006		DRAW.		P.M.		HF620C0560
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