



CARATTERISTICHE ELETTRICHE
ELECTRIC CHARACTERISTIC

SERIE DHCU/DR300...1000-mAC

Revisione	Foglio	Oggetto	Data	Responsabile
A	1	AGGIORNATA SERRANDA	13/09/2005	POLIDO
B	1	AGGIUNTO A10	01/03/2006	POLIDO
C	1	TOLTO Q1 AGGIUNTO F2	04/05/2006	POLIDO
D	1	COLLEGAMENTO VENTILATORI	08/06/2007	C.N.
E	1	SOSTITUITO Q5	25/06/2007	C.N.

T-REF F					T-REF F+U				
	P tot [kW]	OA [A]	FLA [A]	LRA [A]		P tot [kW]	OA [A]	FLA [A]	LRA [A]
TREF CW 0300	1,482	3,9	3,9	0	TREF CW 0300	7,482	30,0	30,0	0
TREF CW 0380	1,482	3,9	3,9	0	TREF CW 0380	7,482	30,0	30,0	0
TREF CW 0400	2,756	7,6	7,6	0	TREF CW 0400	8,756	33,7	33,7	0
TREF CW 0500	2,816	7,6	7,6	0	TREF CW 0500	8,816	33,7	33,7	0
TREF CW 0650	2,942	7,7	7,7	0	TREF CW 0650	8,942	33,8	33,8	0
TREF CW 0750	2,942	7,7	7,7	0	TREF CW 0750	8,942	33,8	33,8	0
TREF CW 0900	4,323	11,6	11,6	0	TREF CW 0900	10,323	37,6	37,6	0
TREF CW 1000	4,476	11,6	11,6	0	TREF CW 1000	10,476	37,7	37,7	0

T-REF F+C					T-REF F+C+U				
	P tot [kW]	OA [A]	FLA [A]	LRA [A]		P tot [kW]	OA [A]	FLA [A]	LRA [A]
TREF CW 0300	7,882	31,7	31,7	0	TREF CW 0300	13,882	57,8	57,8	0
TREF CW 0380	11,082	45,6	45,6	0	TREF CW 0380	17,082	71,7	71,7	0
TREF CW 0400	9,156	35,4	35,4	0	TREF CW 0400	15,156	61,5	61,5	0
TREF CW 0500	9,216	35,5	35,5	0	TREF CW 0500	15,216	61,5	61,5	0
TREF CW 0650	12,542	49,4	49,4	0	TREF CW 0650	18,542	75,5	75,5	0
TREF CW 0750	15,742	63,3	63,3	0	TREF CW 0750	21,742	89,4	89,4	0
TREF CW 0900	13,923	53,3	53,3	0	TREF CW 0900	19,923	79,4	79,4	0
TREF CW 1000	14,076	53,4	53,4	0	TREF CW 1000	20,076	79,5	79,5	0

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

C	TOLTO Q1 AGGIUNTO F2	04/05/2006	POLIDO	DATE	14/07/2005						
D	COLLEGAMENTO VENTILATORI	08/06/2007	C.N.	DRAW.	P.M.						
E	SOSTITUITO Q5	25/06/2007	C.N.	CHECK	P.M.						
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	P.M.	REPLACE	REPLACE	ORIGIN:			HF62000342
1	2	3	4	5	6	7	8	SHEET 1 OF 20		CONTINUE 2	

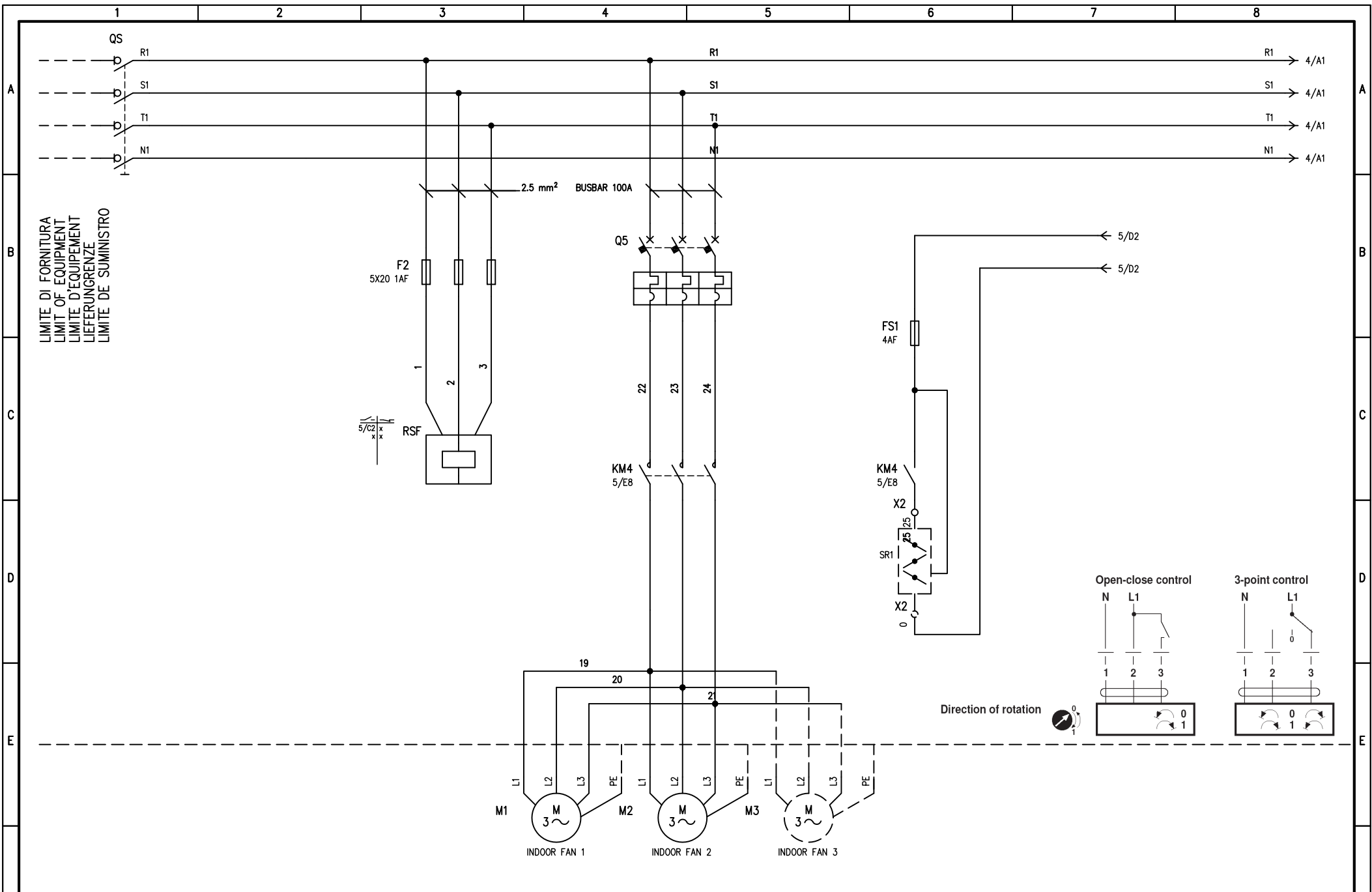


1	2	3	4	5	6	7	8
A							
B							
C							
D							
E							
F							

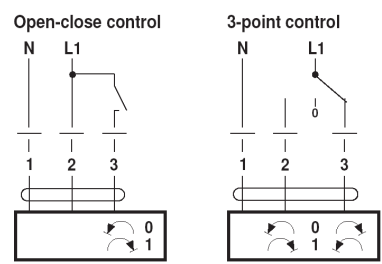
SIGN.	Descriptions	Note	SIGN.	Descriptions	Note	SIGN.	Descriptions	Note
KM3	CONTATTATORE UMIDIFICATORE HUMIDIFIER CONT. CONT. HUMIDIFICATEUR BEFEUCHTER VERSORGUNG CONT. HUMIDIFICADOR		RSF	RELE' SEQUENZA FASE PHASE SEQUENCE CONTROL RELAY RELAIS DE CONTROLE DE PHASE D'ETAGE STEURRELAIS FUER PHASENFOLGE RELE' CONTROL SECCUENCIA FASES		Q1	INTERR. RSF SWITCH RSF INTERR. RSF AUTOMATISCHER RSF INTERR. RSF	
KM4	CONTATTATORE MOTOVENTILATORE FAN MOTOR CONTACTOR CONTACTEUR VENTILATEUR VENTILATOR SCHUETZ CONTACTOR DEL MOTOVENTILADOR		SR1	SERRANDA DAMPER REGISTRE MOTORISIESTE COMPUERTA		Q4	INTERR. UMIDIFICATORE SWITCH HUMIDIFIER INTERR. HUMIDIFIC. AUTOMATISCHER BEFEUCHTER INTERR. HUMIDIF.	
KM5 KM6	RISCALDAMENTO ELETTRICO EL. HEATERS CHAUFFAGE ELECTRIQUE ELETR. HAIZUNG RESISTENCIAS ELETRICAS		FS1	PRESSOSTATO FLUSSO ARIA AIR FLOW PRESSURE SWITCH PRESSOST. D'ENGRAISSEMENT DE FILTRE DRUCKSCHALTER NIEDERDRUCK PRESOSTATO DE BAJA		Q5	INTERR. VENTILATORI SWITCH FANS INTERR. VENT. AUTOMATISCHER VENT. INTERR. VENT.	
TR	TRASFORMATORE TRANSFORMER TRANSFORMATEUR TRANSFORMATOR TRANSFORMADOR		TP1 TP2	TERMOSTATO SICUREZZA RISCALDAMENTO HEATING SAFETY THERMOSTAT THERMOSTAT DE SECURITE' CHAUFFAGE THERMOSTATE ELEKTROHEIZUNG TERMOSTATO DE SEGURIDAD DE LAS RESISTENCIAS		Q6	INTERR. RISCALDAMENTO ELETTRICO SWITCH E. HEATERS INTERR. CHAUFFAGE ELET. AUTOMATISCHER ELETR.HAIZUNG INTERR. RES.	
QS	INTERRUTTORE GENERALE MAIN SWITCH INTERRUPTEUR GENERAL HAUPTSCHALTER INTERRUPTOR GENERAL		P1	PRESSIONE CONDENSAZIONE CONDENSING PRESSION SENSOR SONDE DU PRESSION DE CONDENSATION KONDENSATIONSDRUCK-FUEHLER SONDA PRESSION CONDENSACION		Q7	INTERR. AUSILIARI SWITCH AUX INTERR. AUS. AUTOMATISCHER AUX INTERR. AUS.	
M1 M2 M3	MOTOVENTILATORE EVAPORANTE EVAP. FAN MOTOR MOTEUR VENTILATEUR DE EVAP. EVAP.-LUEFTER MOTOVENTILADOR EVAPORADORA		SA	TEMPERATURA AMBIENTE INTERNO SHELTER INTERNAL AIR TEMPERATURE SENSOR SONDE TEMPERATURE D'AIR INTERIOR AUSSERER LUFTTEMP.-FILTER SONDA DE TEMPERATURA DE LA DESCARGA DE AIRE		TP3 TP4 TP5	TERMICHE VENTILATORI TERMAL PROTECTIONS FANS TERMICHE VENTILATORI TERMICHE VENTILATORI TERMICHE VENTILATORI	
CN1 CN2	COND. DI RIFASAMENTO POWER FACT. CORRECTION COND. CORRECT. COS. PHI KOND. KORR. COS. PHI COND. DE COMP. DE FASES		SM	TEMPERATURA ARIA IN MANDATA DISCHARGE AIR TEMPERATURE SONDE DE TEMPERATURE ZULUFTTEMPERATUR TEMP. DE LA DISCARGA DE AIRE		Y4	CARICO ACQUA UMID. HUMIDIFIER FEED VALVE ELECTROVANNE D'ALIM. DE HUMID. BEFEUCHTER VERSORGUNG VALVULA ALIM. HUMIDIF.	
BP1 BP2	PRESSOSTATO DI BASSA LOW PRESSURE P-STAT PRESSOSTAT BASSE PRESSION DRUCKSCHALTER NIEDERDRUCK PRESOSTATO DE BAJA		SE	TEMPERATURA ARIA ESTERNA OUTDOOR AIR SENSOR SONDE D'AIR EXTERNE AUSSENLUFTUEHLER SONDA DE AIRE EXTERNA		Y5	SCARICO ACQUA UMID. HUMIDIFIER DRAIN VALVE ELECTR. DE DRAINAGE DE HUMID. BEFUUCHTER ENTFUEHLUNG VALVULA DESAGUE HUMID.	
K1 K2	REGOLATORE DI VELOCITA' SPEED CONTROLLER REGULATEUR DE VITESSE VENTILATOR/DREHZAHLEGLER REGULADOR VELOCIDAD		FS2	PRESSOSTATO FILTRI SPORCHI CLOGGED FILTER PRESSURE SWITCH PRESSOSTAT D'ENGRAISSEMENT DE FILTRE DRUCKSCHALTER. FILTERVERSCHMUTZUNG PRESOSTATO FILTROS SUCIOS		SU	SONDA UMIDITA' HUMIDITY PROBE HYGRUMETRIE FUEHLER LUFTFEUCHTIGKEITSMESSUNG SONDE DE HUMEDAD	
			R1 R2	RISCALDAMENTO ELETTRICO EL. HEATERS CHAUFFAGE ELECTRIQUE ELETR. HAIZUNG RESISTENCIAS ELETRICAS				

DATE	14/07/2005											
DRAW.	P.M.											
CHECK	P.M.											
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	P.M.	REPLACE	REPLACE	ORIGIN:				
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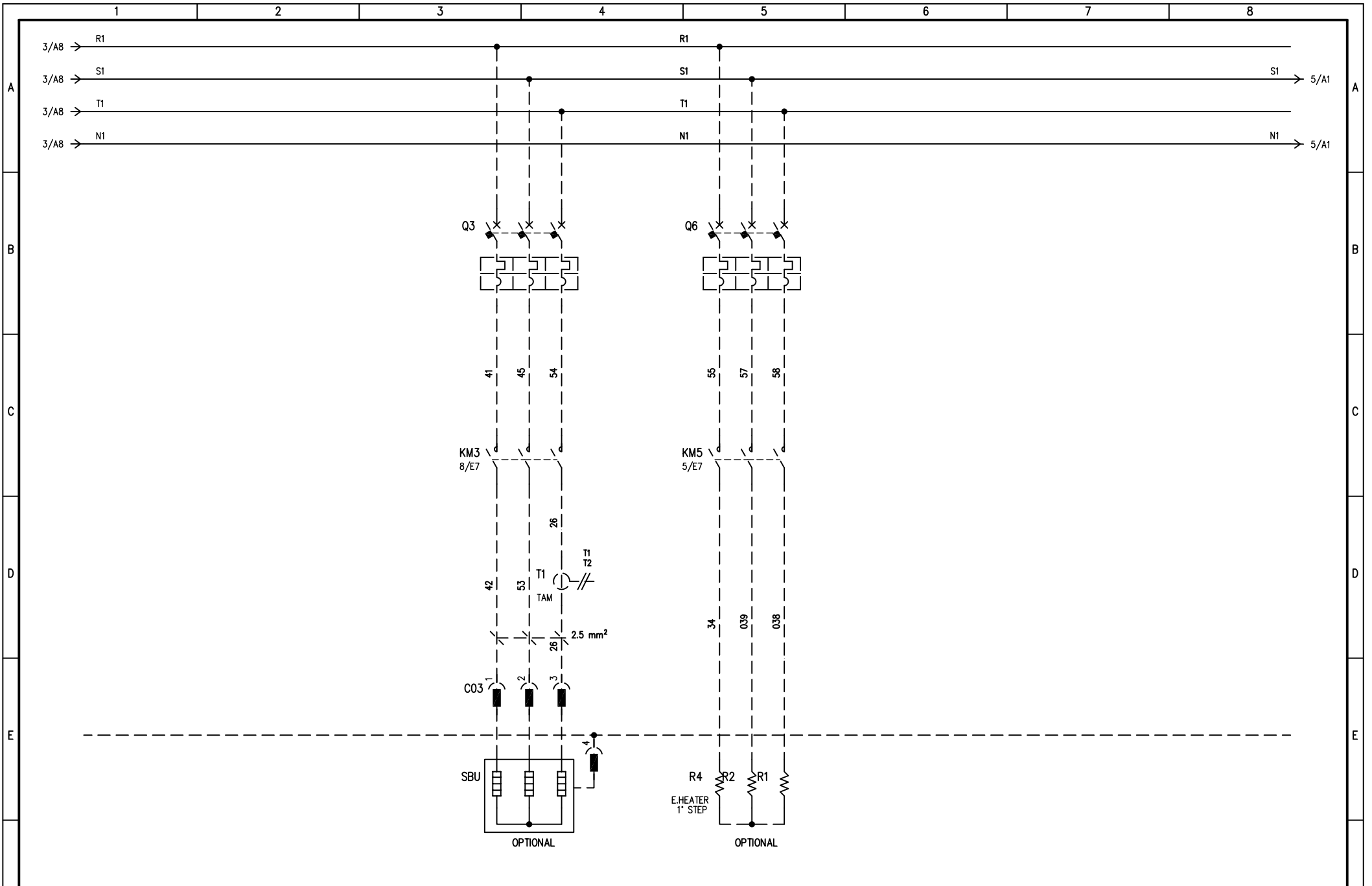
HF62000342	SHEET 2 OF 20
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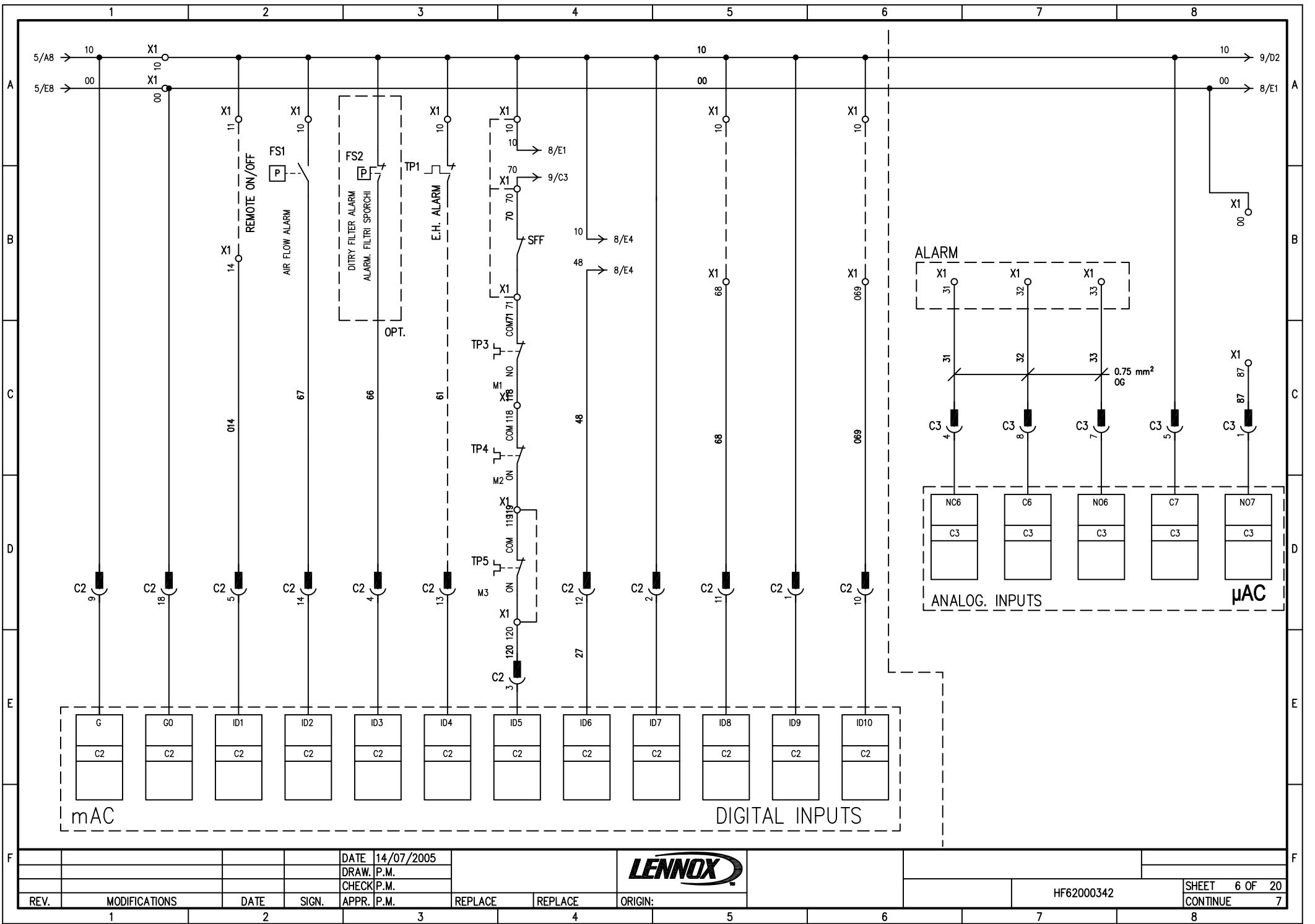
LIMITE DI FORNITURA
 LIMIT OF EQUIPMENT
 LIMITE D'EQUIPEMENT
 LIEFERUNGRENZE
 LIMITE DE SUMINISTRO



				DATE 14/07/2005				LENNOX							
				DRAW. P.M.											
				CHECK P.M.											
REV.	MODIFICATIONS	DATE	SIGN.	APPR. P.M.	REPLACE	REPLACE	ORIGIN:					HF62000342	SHEET 3 OF 20		
1		2		3								CONTINUE	4		



				DATE 14/07/2005				LENNOX							
				DRAW. P.M.											
				CHECK P.M.											
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	P.M.	REPLACE	REPLACE	ORIGIN:			HF62000342		SHEET 4 OF 20		
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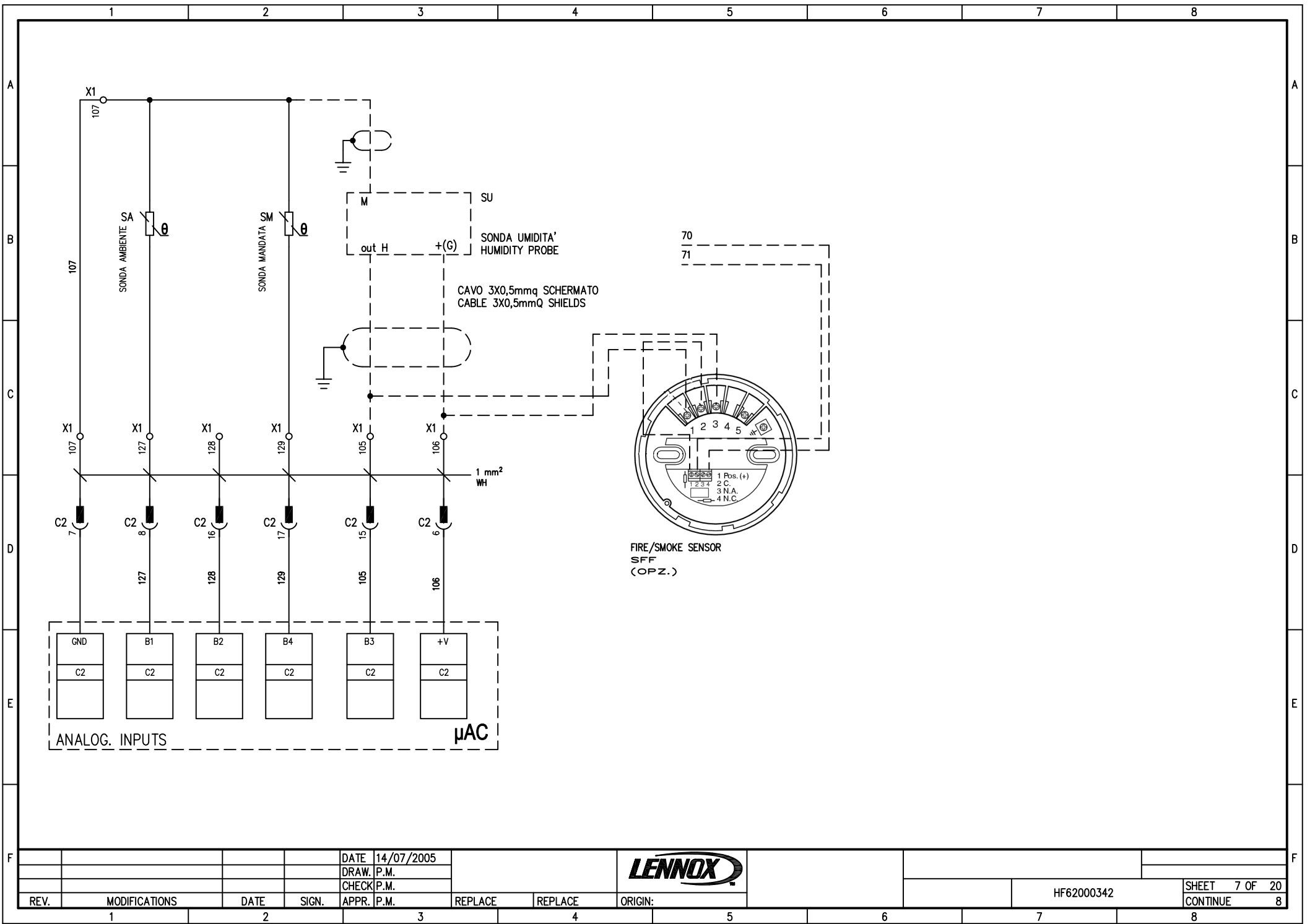
DATE 14/07/2005
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 CHECK P.M.
 APPR. P.M.



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

HF62000342

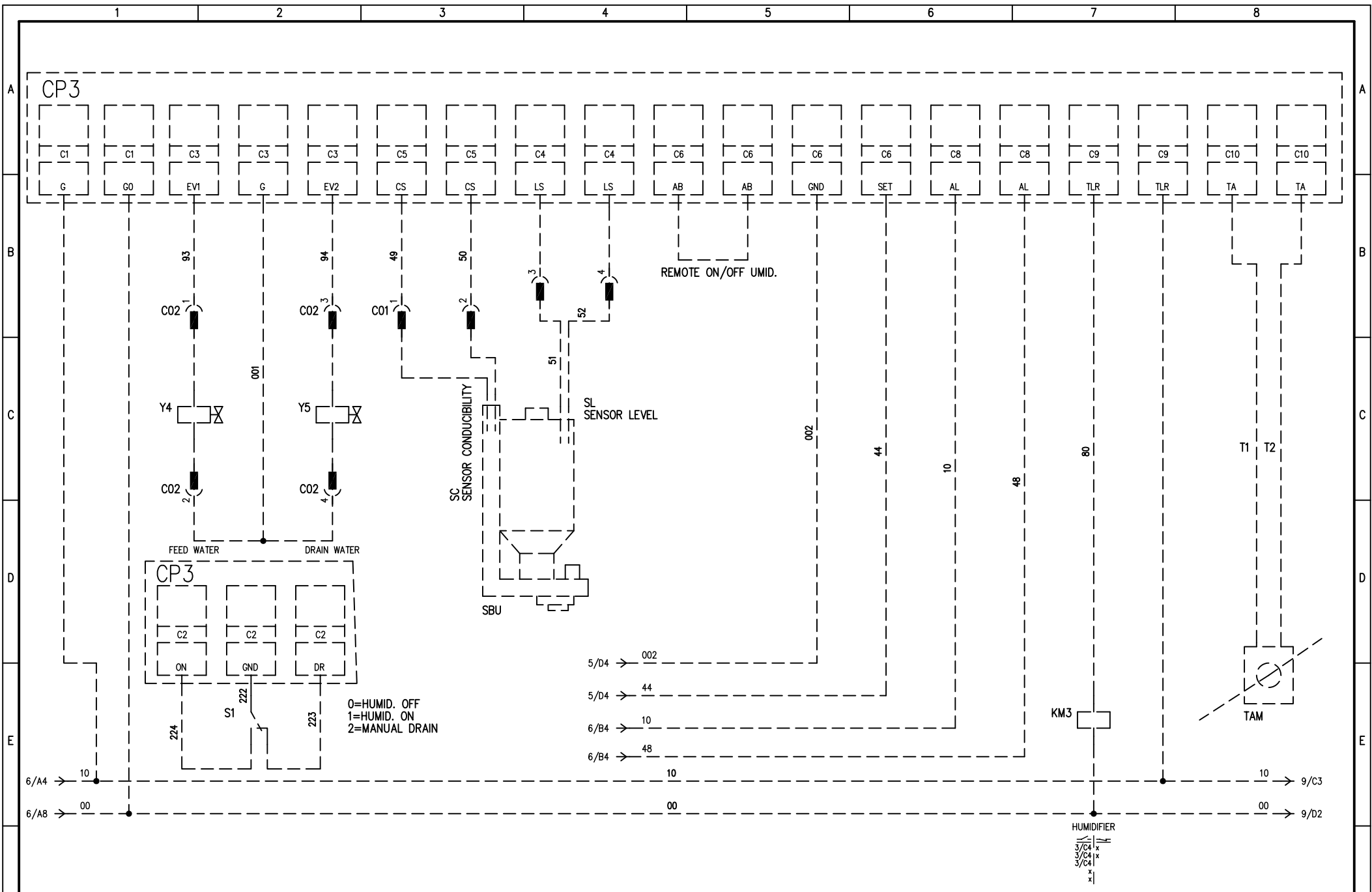
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DATE 14/07/2005
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 CHECK P.M.

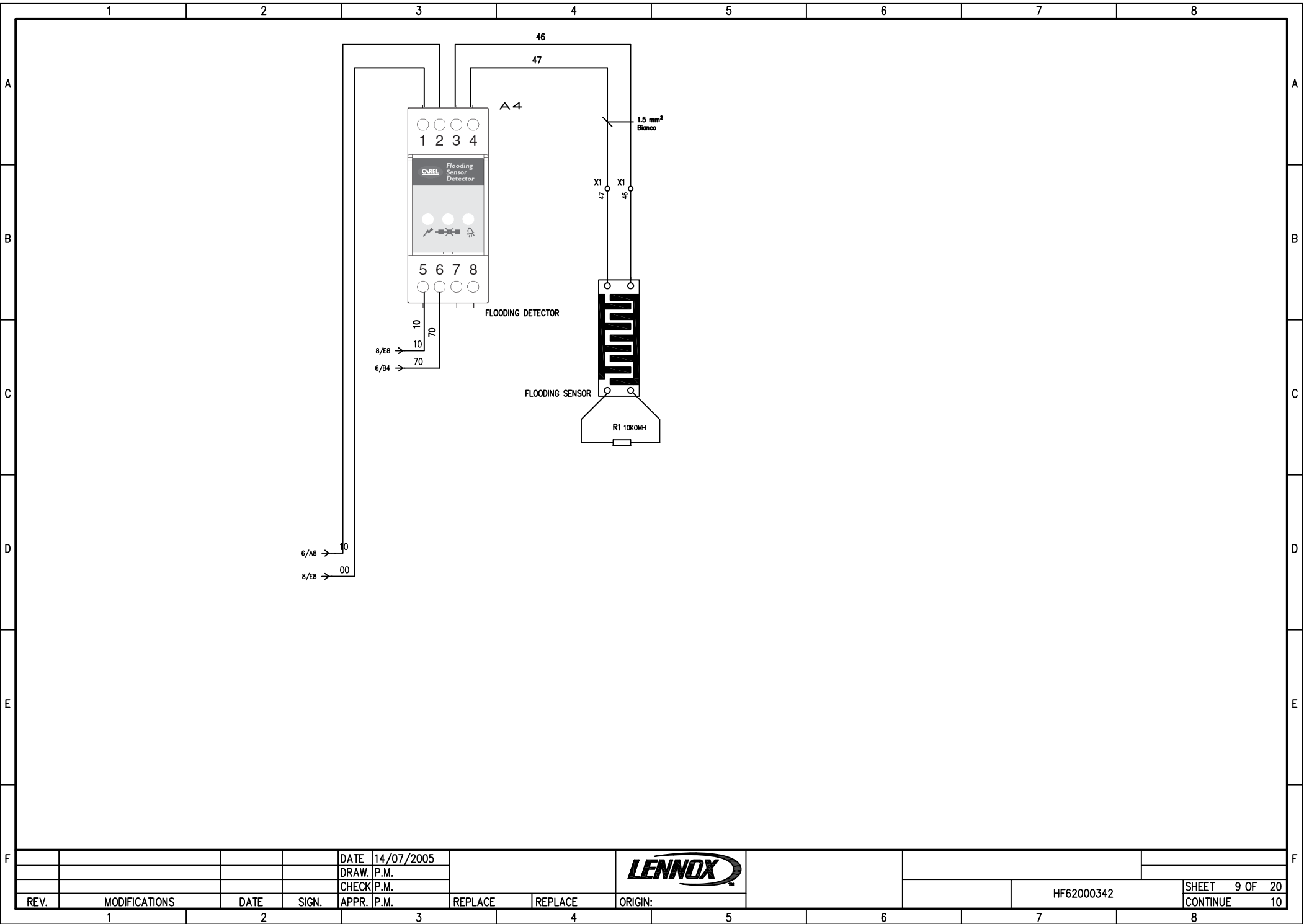


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DATE: 14/07/2005		DRAW: P.M.		CHECK: P.M.		ORIGIN:		HF62000342		SHEET 8 OF 20	
REV.	MODIFICATIONS	DATE	SIGN.	APPR. P.M.	REPLACE	REPLACE	ORIGIN:	HF62000342		CONTINUE 9	
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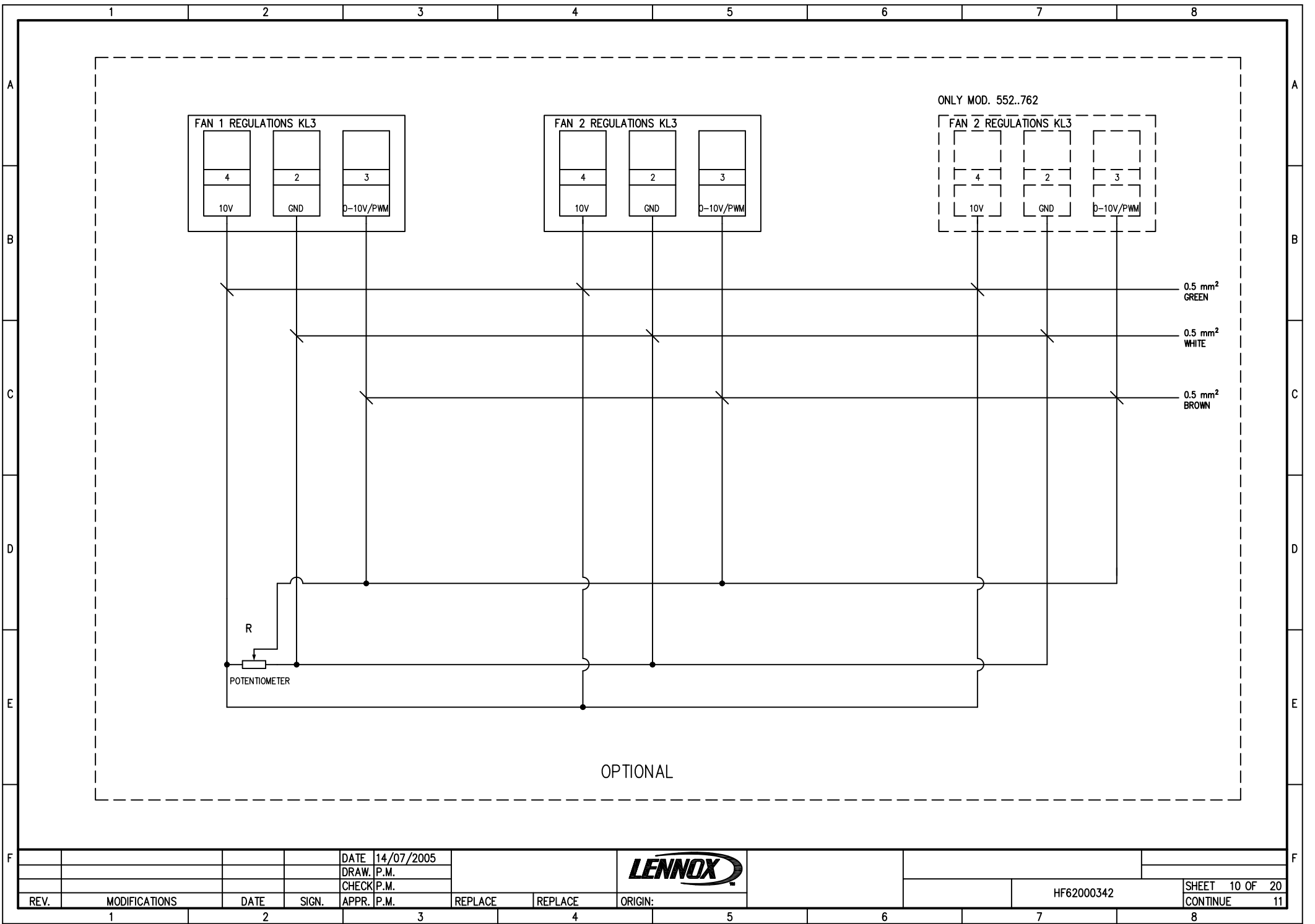




DATE 14/07/2005
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 CHECK P.M.



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DATE 14/07/2005
 DRAW. P.M.
 CHECK P.M.
 APPR. P.M.



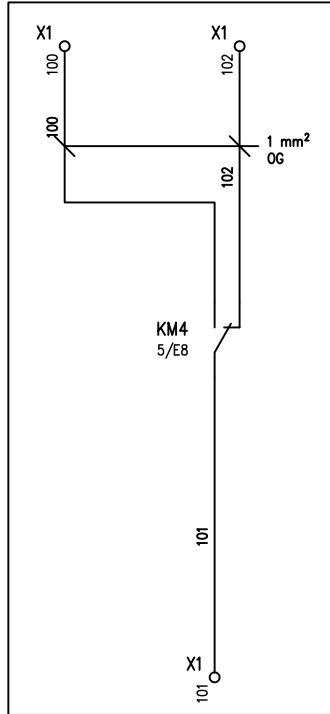
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HF62000342

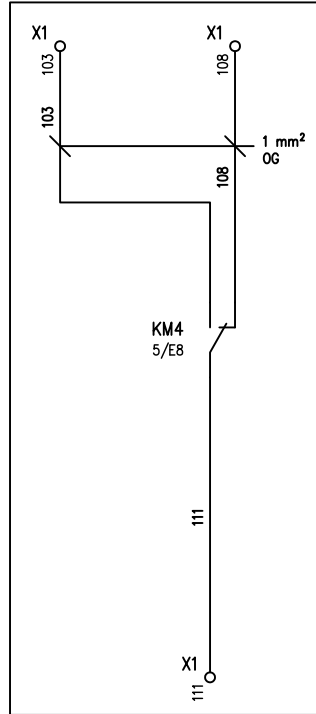
SHEET 10 OF 20
 CONTINUE 11

CONTATTI PULITI SEGNALAZIONE REMOTA
 REMOTE SIGNAL CLEAN CONTACTS
 CONTACTS PROPRES SIGNALISATIONS A DISTANCE
 FREIE KONTAKTE FUER BETRIEBSMELDUNGEN
 CONT. LIMPIOS CON SENGNALIZACIONES REMOTAS

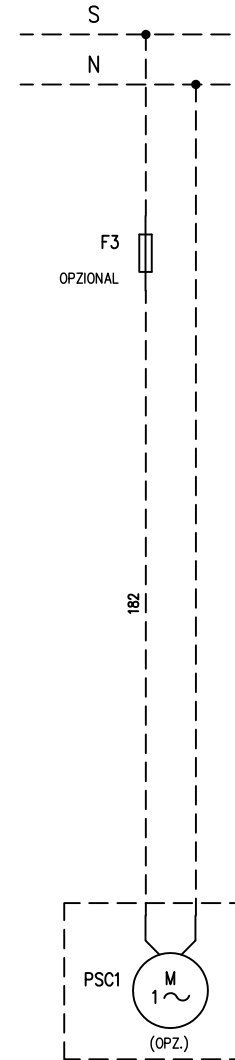
POMPA SCARICO CONDENSA
 CONDENSATE DRAIN PUMP
 POMPE A EAU CONDENSEUY
 KONDENSATWASS PUMPE
 BOMBA DESEGUE CONDEN.



EXT. DAMPER ON/OFF



EXT. PUMPS ON/OFF



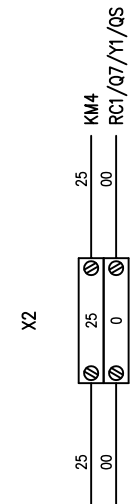
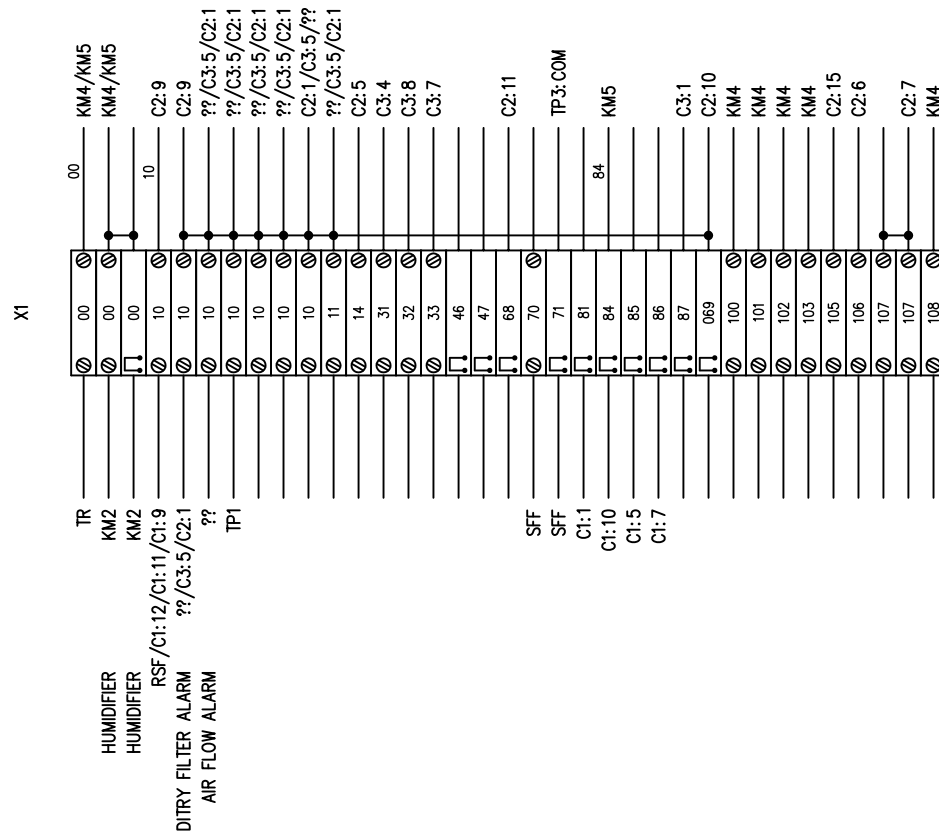
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1		2		3		4		5		6	CONTINUE 12

F

F

MORSETTIERA
 TERMINAL STRIP
 BORNIER
 KLEMMLEISTE

HUMID. CONNECTOR



C01

Pin	Filo	Posizione
1	49	8/B3
2	50	8/B3
3	51	8/B4
4	52	8/B4

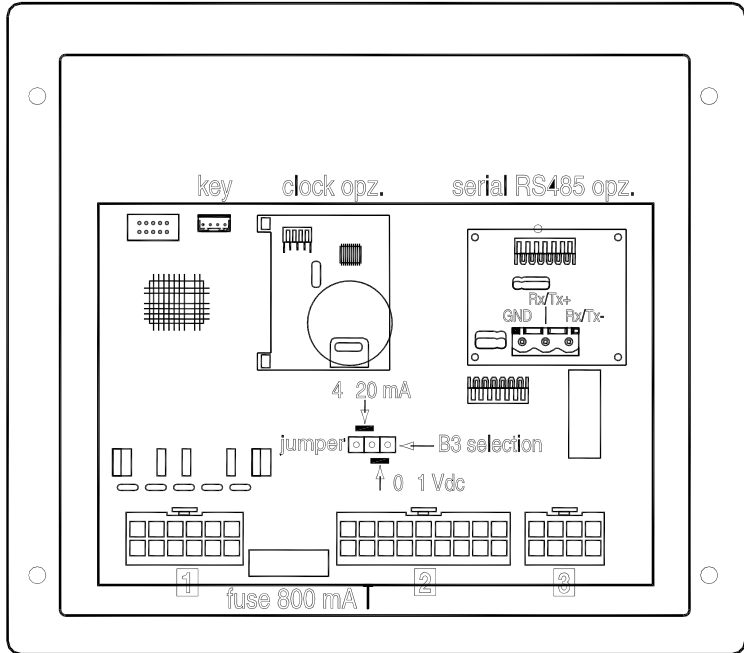
C02

Pin	Filo	Posizione
1	93	8/B1
2	001	8/C1
3	94	8/B2
4	001	8/C2

C03

Pin	Filo	Posizione
1	42	4/E3
2	53	4/E4
3	26	4/E4

LAYOUT BOARD

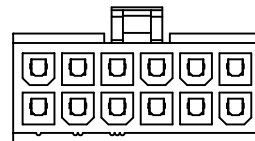


CONNETTORI

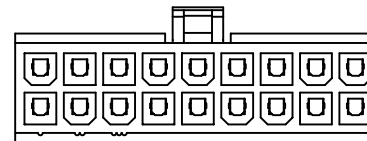
C1		
Pin	Filo	Posizione
1	81	5/B4
2	002	5/B3
3	083	5/B5
4	084	5/B6
5	85	5/B7
6	82	5/B8
7	86	5/B5
8	44	5/B4
9	10	5/B5
10	84	5/B7
11	10	5/B6
12	10	5/B8

C2		
Pin	Filo	Posizione
1	28	6/D5
2	63	6/D5
3	120	6/E4
4	66	6/D3
5	014	6/D2
6	106	7/D3
7	107	7/D1
8	127	7/D1
9	10	6/D1
10	069	6/D6
11	69	6/D5
12	27	6/D4
13	61	6/D3
14	67	6/D2
15	105	7/D3
16	128	7/D2
17	129	7/D2
18	00	6/D1

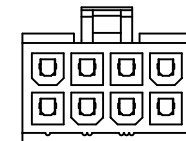
C3		
Pin	Filo	Posizione
1	87	6/C8
4	31	6/C6
4	31	6/C6
5	10	6/C8
7	33	6/C7
8	32	6/C7



39-01-2120 + 39-00-0038 MOLEX 12 POLI



39-01-2180 + 39-00-0038 MOLEX 18 POLI



39-01-2080 + 39-00-0038 MOLEX 8 POLI

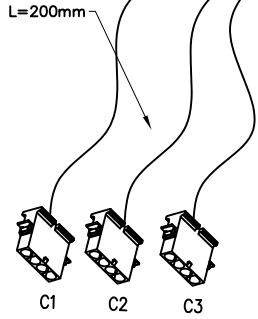
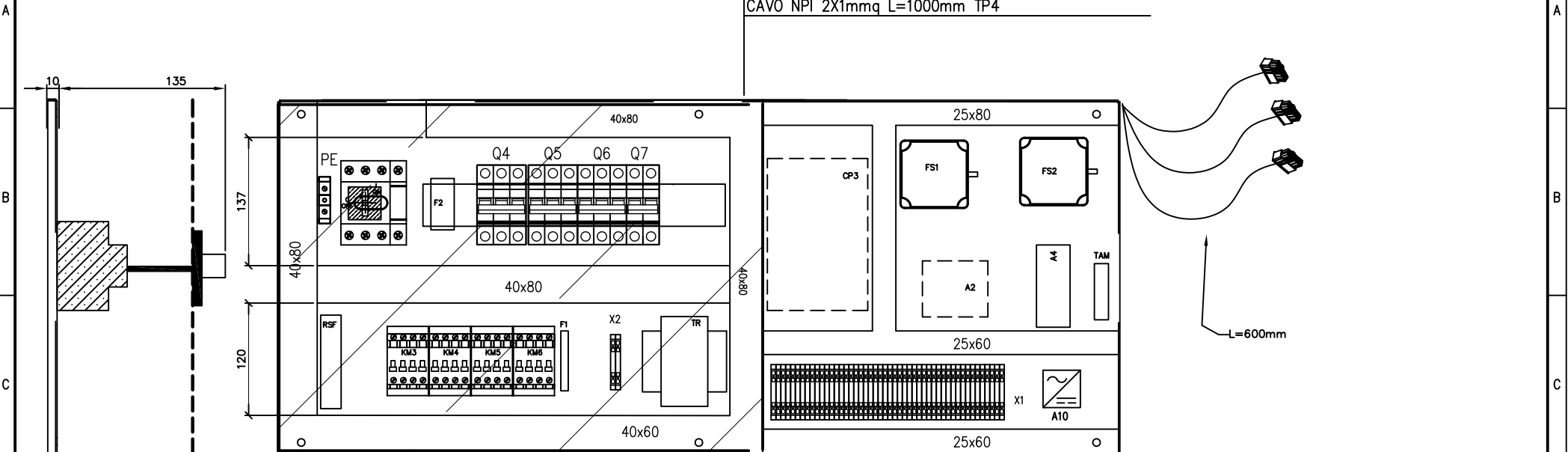


LAYOUT 300...380

CAVO NPI 4X2,5mmq L=1000mm M1

CAVO NPI 2X1mmq L=1000mm TP3

CAVO NPI 2X1mmq L=1000mm TP4



PIASTRA DI FONDO HF17001071

CAVO NPI 3X2,5mmq L=1500mm K1 FASTON ROSSI

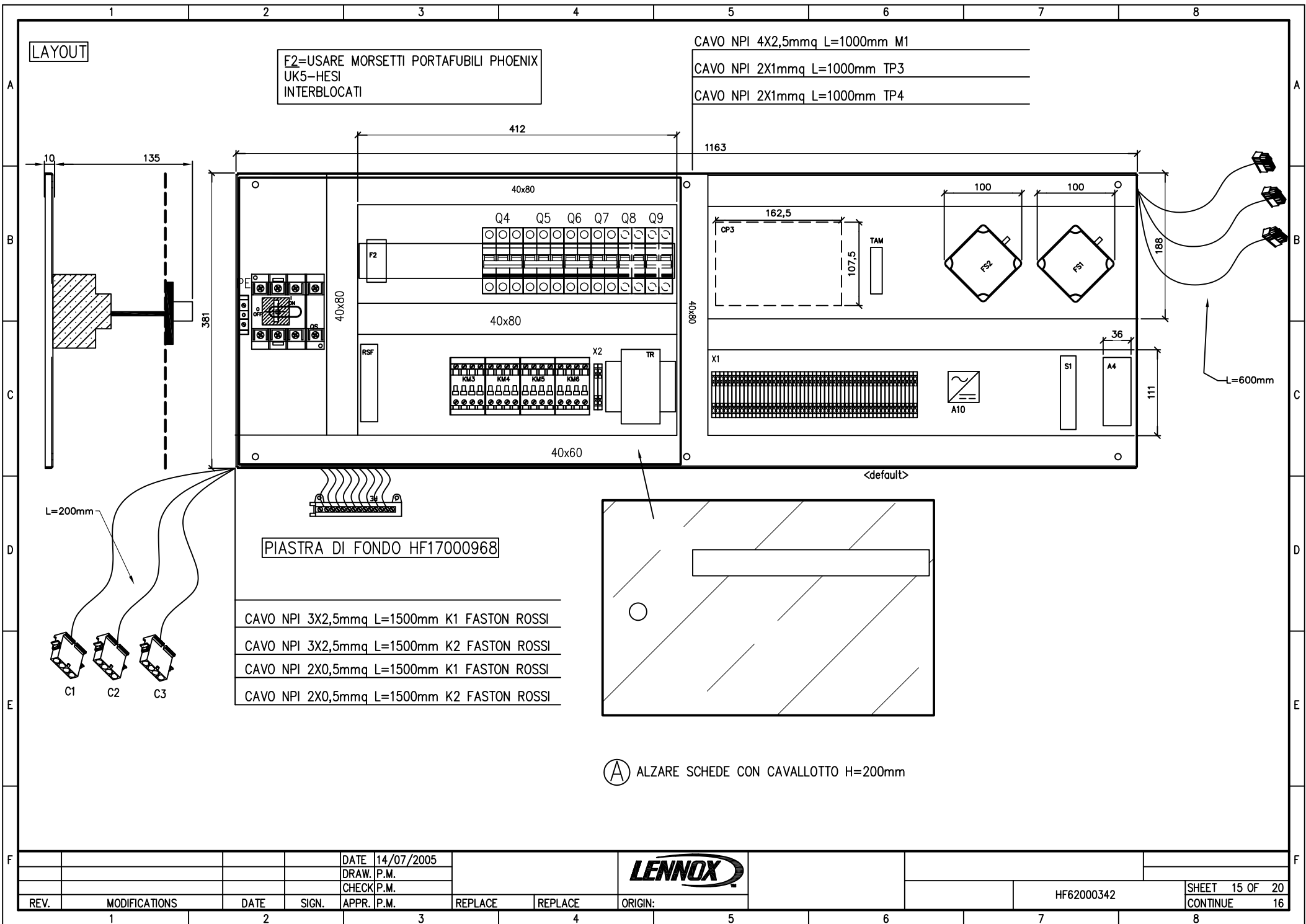
CAVO NPI 2X0,5mmq L=1500mm K1 FASTON ROSSI

- CAVO NPI L=1500mm C1 OCCHIELLI D.6
- CAVO NPI 2X1mmq L=1700mm AP1 FASTON ROSSI
- CAVO NPI 2X1mmq L=2500mm Y3 PUNTALINI
- CAVO NPI 3X1,5mmq L=1500mm RC1 GIUNTI
- CAVO NPI 3X1,5mmq L=1000mm Y1 PUNTALINI

Ⓐ ALZARE SCHEDE CON CAVALLOTTO H=200mm

DATE 14/07/2005		DRAW. P.M.		CHECK P.M.		ORIGIN:		HF62000342		SHEET 14 OF 20	
REV.	MODIFICATIONS	DATE	SIGN.	APPR. P.M.	REPLACE	REPLACE	ORIGIN:	HF62000342		CONTINUE 15	
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DATE 14/07/2005
DRAW. P.M.
CHECK P.M.




REV.	MODIFICATIONS	DATE	SIGN.	APPR. P.M.	REPLACE	REPLACE	ORIGIN:
1		2		3		4	

HF62000342

SHEET 15 OF 20
CONTINUE 16

1	2	3	4	5	6	7	8	
272...512	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position
	EV1					1		7/B05
	EV2					1		7/B05
	FU1		4AF		FUSIBILE 5X20	1	PCE	3/D08
	KM3	UMIDIFICATORE		DIL00M-10 COD.72614	TEL. AEG LS4.10 24V	1	PCE	4/E07
	KM4	VENT. EVAP.		DIL00BM-10 COD.44255	TEL. AEG LS7.10 24V	1	PCE	4/E07
	KM5	RISC. 1 STEP		DIL00M-10 COD.72614	TELER.AEG LS4.10 24V	1	PCE	6/B03
	KM6	RISC. 2 STEP		DIL00M-10 COD.72614	TELER.AEG LS4.10 24V	1	PCE	6/B03
	A10			000MR010-24D	CONVERTITORE AC/DC	1		10/E2
				DATE	14/07/2005			
				DRAW.	P.M.			
				CHECK	P.M.			
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	P.M.	REPLACE	REPLACE	ORIGIN:
1		2		3		4		5
						HF62000342		SHEET 16 OF 20
								CONTINUE 17
								8



1	2	3	4	5	6	7	8	
272...512	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position
	M1/M2/M3	VENT. EVAP.				1		3/E05
	Q4	UMIDIFICATORE		PLS6-C16/3 COD. 242949	INT.AUT.Eifa E90 3P C 16A 6kA	1	PCE	3/B07
	Q5	VENTILATORE		PLS6-D20/3 COD. 242949	INT.AUT.Eifa E90 3P D20A 6kA	1	PCE	3/B07
	Q6	RISCALDAMENTO		PLS6-C32/3 COD. 242952	INT.AUT.Eifa E90 3P C 32A 6kA	1	PCE	3/B07
	Q7	AUX		PLS6-C4/2 COD. 242872	INT.AUT.Eifa E902P C 4A 6kA	1	PCE	3/B07
	QS		4X80/4X32 "F"	OT80E4/OT32E4 "F"		1		3/A01
	R1	RISCALDAMENTO ELETTRIC.				1		3/E04
	RSF	RELE' SEQUENZA FASI				1		3/C02
	SA	SONDA AMBIENTE				1		6/B05
	TR		150VA		CON FUS. A BORDO	1		3/C07
				DATE 14/07/2005				
				DRAW. P.M.				
				CHECK P.M.				
REV.	MODIFICATIONS	DATE	SIGN.	APPR. P.M.	REPLACE	REPLACE	ORIGIN:	HF62000342
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								6
								7
								8
							SHEET 17 OF 20	CONTINUE 18

