



CARATTERISTICHE ELETTRICHE
ELECTRIC CHARACTERISTIC

SERIE DHAU/DR272...762-pC01

Revisione	Foglio	Oggetto	Data	Responsabile
A	1	REVISIONE GENERALE	09/09/2005	POLIDO
B	1	AGGIORNATA SERRANDA	13/09/2005	POLIDO
C	1	REVISIONATO COLLEGAMENTO RESISTENZE	11/10/2005	POLIDO
D	1	MODIFICATO CABLAGGIO RSF	30/03/2006	POLIDO
E	1	TOLTO Q1 AGGIUNTO F2	04/05/2006	POLIDO
F	1	INSERITA CONNESSIONE DISPLAY GRAFICO	30/03/2007	C.N.
G	1	EXTERNAL DAMPER	14/05/2007	FF
H	1	DUAL COOLING VALVE + PD	07/06/2007	FF
I	1	INSERITI CONNETTORI	14/06/2007	C.N.
L	1	SOSTITUZIONE INT. Q5	25/06/2007	C.N.
M	1	AGG. SEGNALAZIONE STATO UNITA'	15/10/2007	C.N.
N	1	LUNGHEZZA CODE CAVI	31/03/2008	C.N.

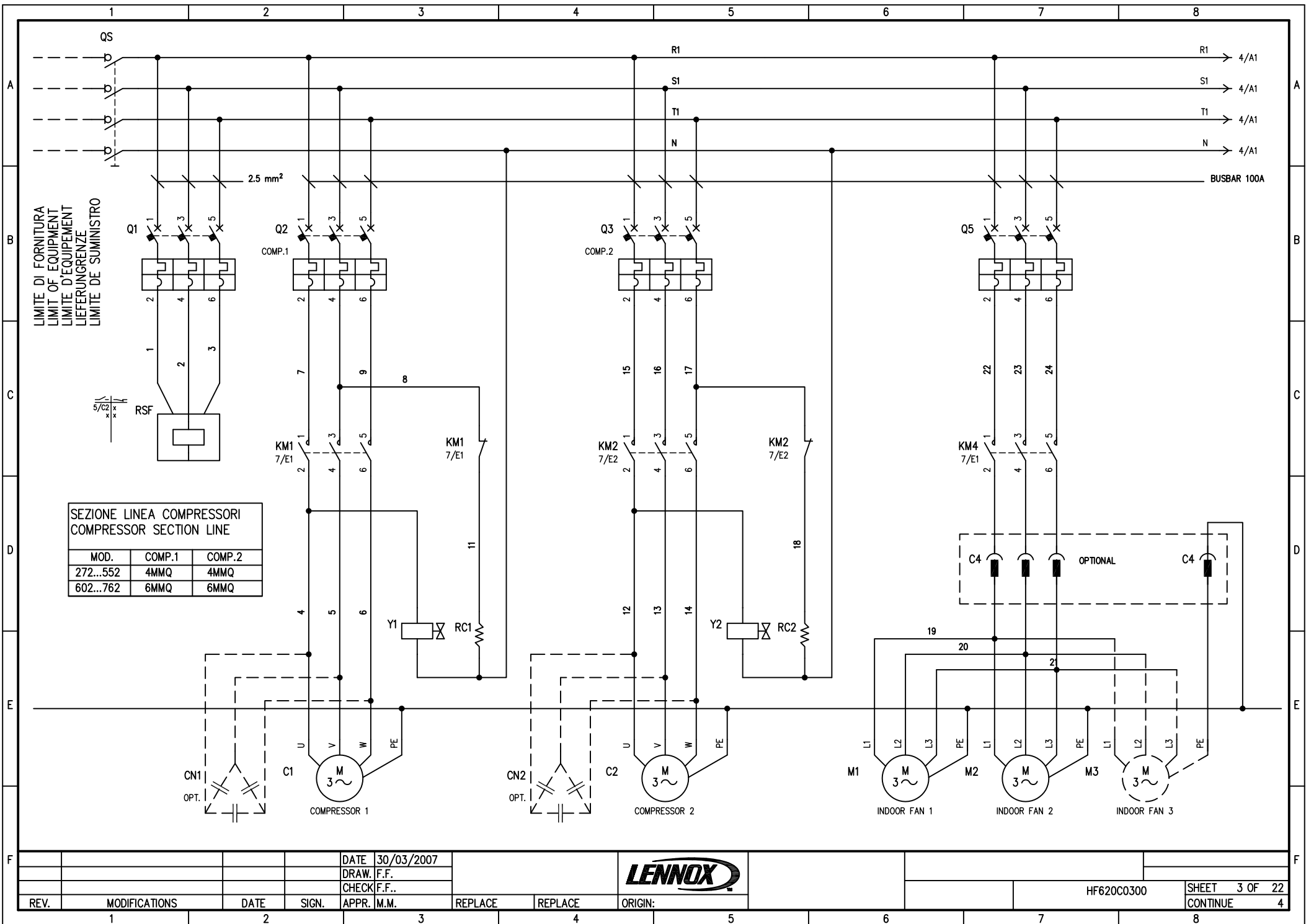
T-REF F					T-REF F+U				
	P tot. [kW]	OA [A]	FLA [A]	LRA [A]		P tot. [kW]	OA [A]	FLA [A]	LRA [A]
TREF DX 0272	9,102	19,5	23,4	56,1	TREF DX 0272	15,102	34,5	38,4	56,1
TREF DX 0302	10,902	23,5	28,4	74,1	TREF DX 0302	16,902	38,5	43,4	74,1
TREF DX 0362	12,302	24,7	30,0	82,7	TREF DX 0362	18,302	39,7	45,0	82,7
TREF DX 0422	14,192	28,7	35,0	96,7	TREF DX 0422	20,192	43,7	50,0	96,7
TREF DX 0452	14,916	30,2	35,9	109,3	TREF DX 0452	20,916	45,2	50,9	109,3
TREF DX 0512	17,24	34,6	40,9	143,7	TREF DX 0512	23,24	49,6	55,9	143,7
TREF DX 0552	18,341	38,2	44,6	143,6	TREF DX 0552	24,341	53,2	59,6	143,6
TREF DX 0602	20,761	42,8	55,9	145,9	TREF DX 0602	26,761	57,8	70,9	145,9
TREF DX 0692	23,532	46,6	58,9	150,9	TREF DX 0692	29,532	61,6	73,9	150,9
TREF DX 0762	26,261	50,4	62,7	154,7	TREF DX 0762	32,261	65,4	77,7	154,7

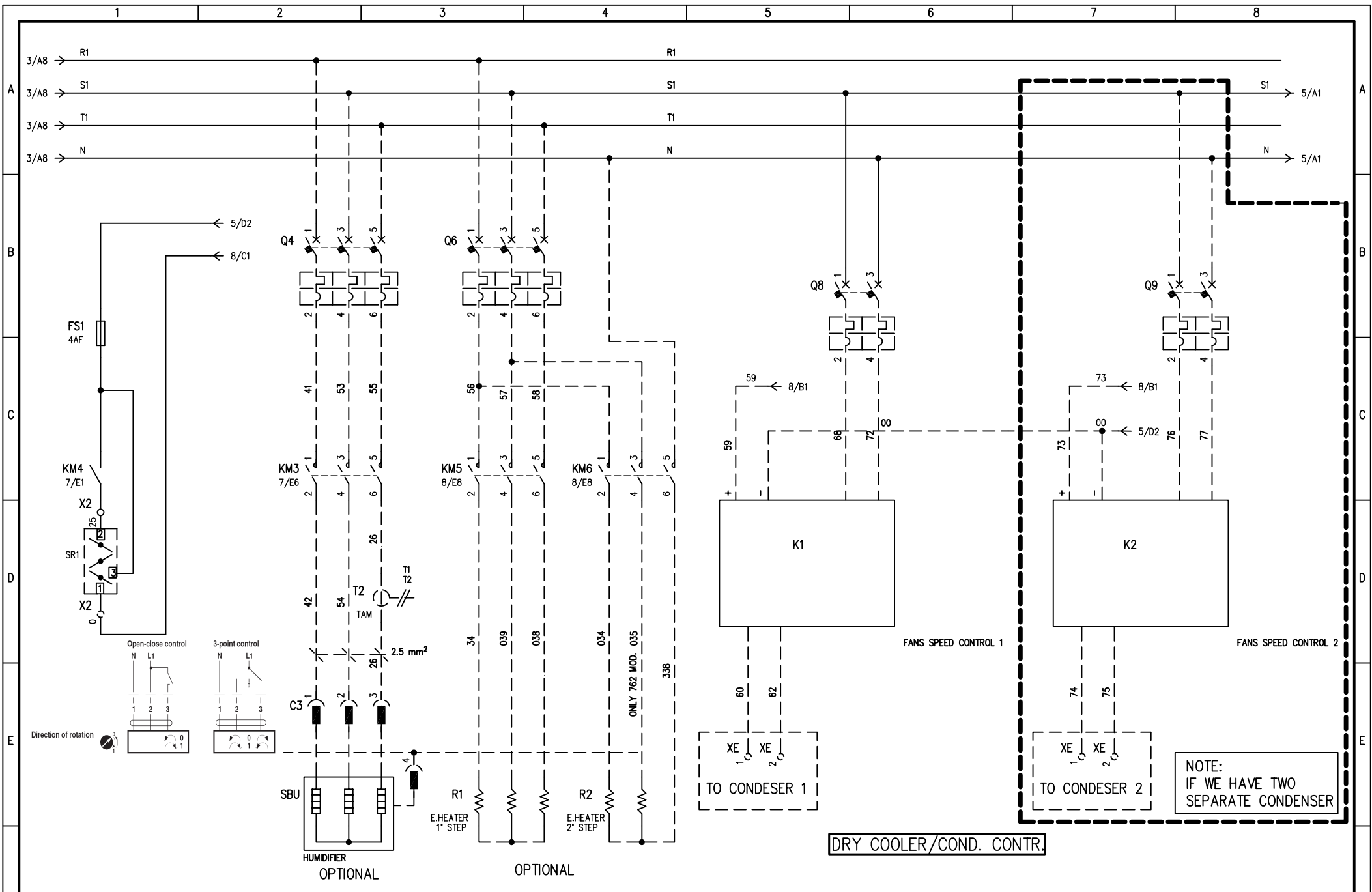
T-REF F+C					T-REF F+C+U				
	P tot. [kW]	OA [A]	FLA [A]	LRA [A]		P tot. [kW]	OA [A]	FLA [A]	LRA [A]
TREF DX 0272	18,702	61,2	65,1	56,1	TREF DX 0272	24,702	76,2	80,1	56,1
TREF DX 0302	20,502	65,2	70,1	74,1	TREF DX 0302	26,502	80,2	85,1	74,1
TREF DX 0362	21,902	66,4	71,7	82,7	TREF DX 0362	27,902	81,4	86,7	82,7
TREF DX 0422	23,792	70,5	76,8	96,7	TREF DX 0422	29,792	85,5	91,8	96,7
TREF DX 0452	24,516	72,0	77,7	109,3	TREF DX 0452	30,516	87,0	92,7	109,3
TREF DX 0512	26,84	76,3	82,6	143,7	TREF DX 0512	32,84	91,3	97,6	143,7
TREF DX 0552	31,141	93,8	100,2	143,6	TREF DX 0552	37,141	108,8	115,2	143,6
TREF DX 0602	33,561	98,4	111,5	145,9	TREF DX 0602	39,561	113,4	126,5	145,9
TREF DX 0692	36,332	102,2	114,5	150,9	TREF DX 0692	42,332	117,2	129,5	150,9
TREF DX 0762	39,061	106,0	118,3	154,7	TREF DX 0762	45,061	121,0	133,3	154,7

VERS.

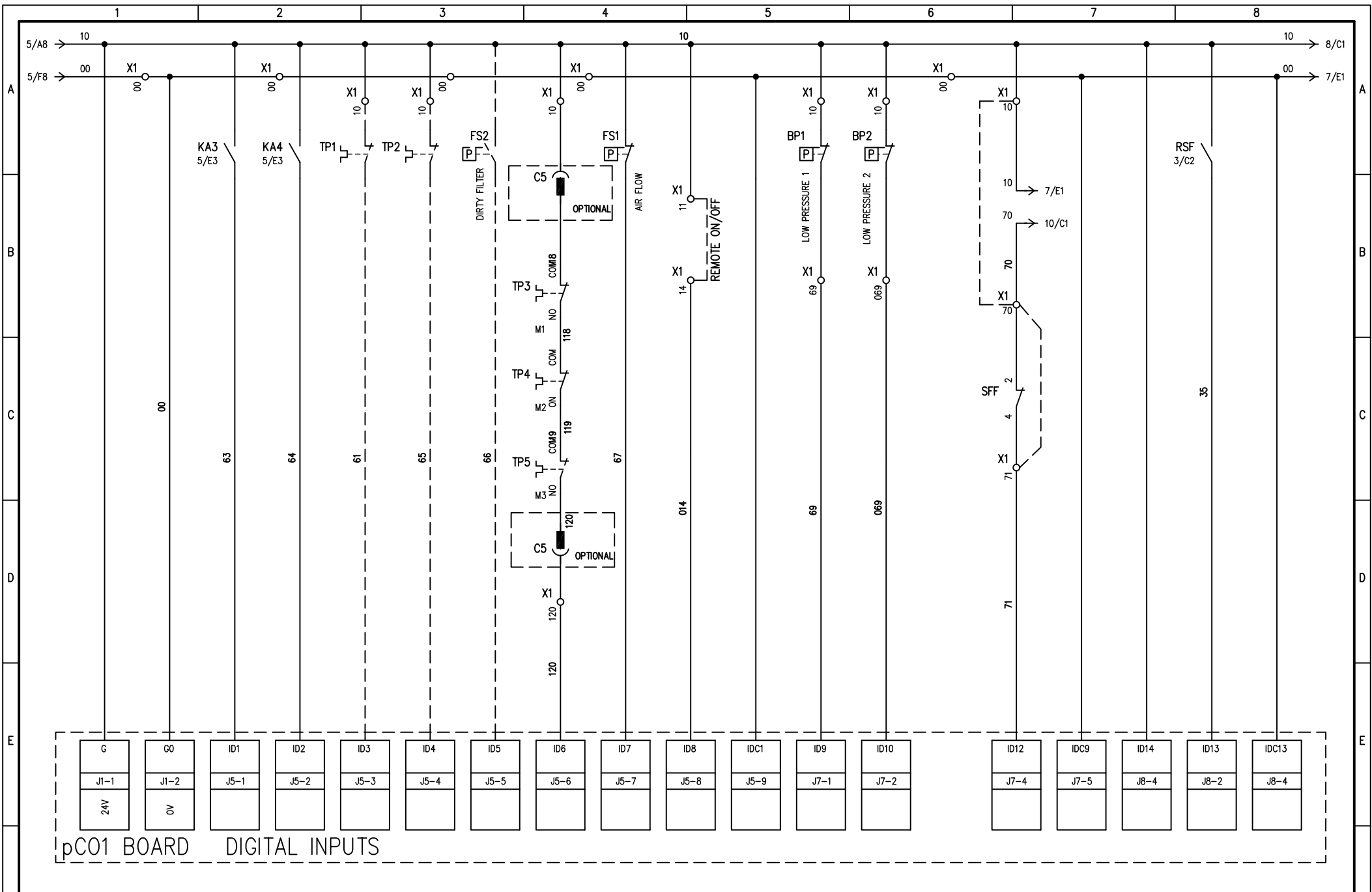
'F' = SOLO FREDDO-ONLY COOLING
'F+C' = FREDDO/CALDO-ONLY COOLING/HEATING
'F+U' = FREDDO/UMIDITA'-COOLING/HUMIDITY
'F+C+U' = FREDDO/CALDO/UMIDITA'- COOLING/HEATING/HUMIDITY

DATE	30/03/2007	LENNOX		HF620C0300		SHEET 1 OF 22	
DRAW.	F.F.					CONTINUE 2	
CHECK	F.F..						
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE
1		2		3		4	





				DATE 30/03/2007				LENNOX					
				DRAW. F.F.						HF620C0300		SHEET 4 OF 22	
				CHECK F.F.								CONTINUE 5	
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:					
1		2		3		4		5	6	7	8		



DATE 30/03/2007
 DRAW. F.F.
 CHECK F.F.

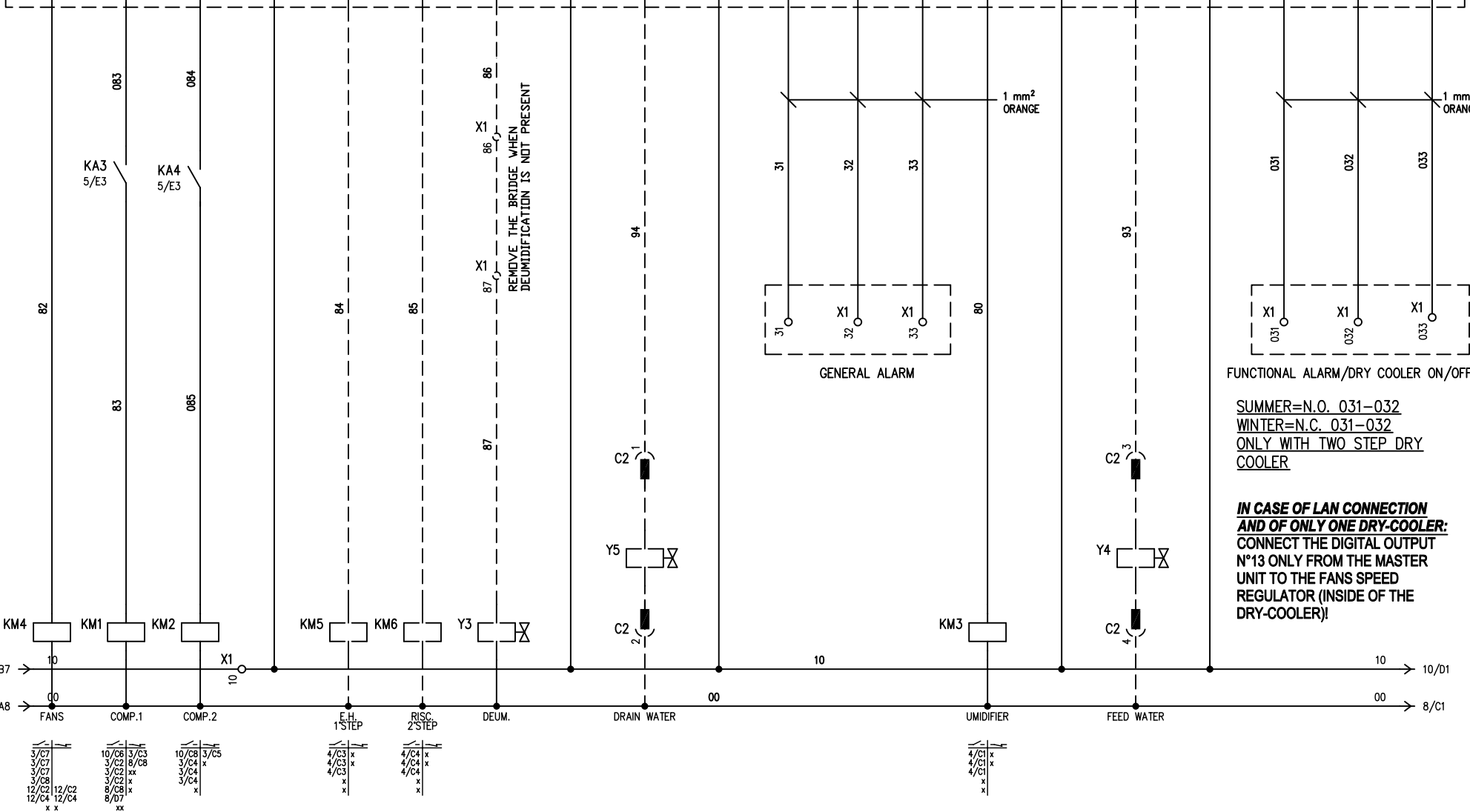
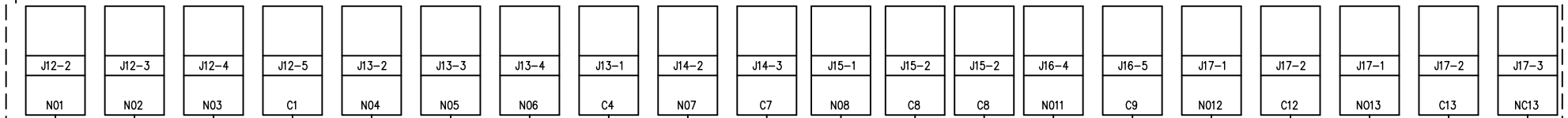


REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:										
1		2																

HF620C0300

SHEET 6 OF 22
 CONTINUE 7

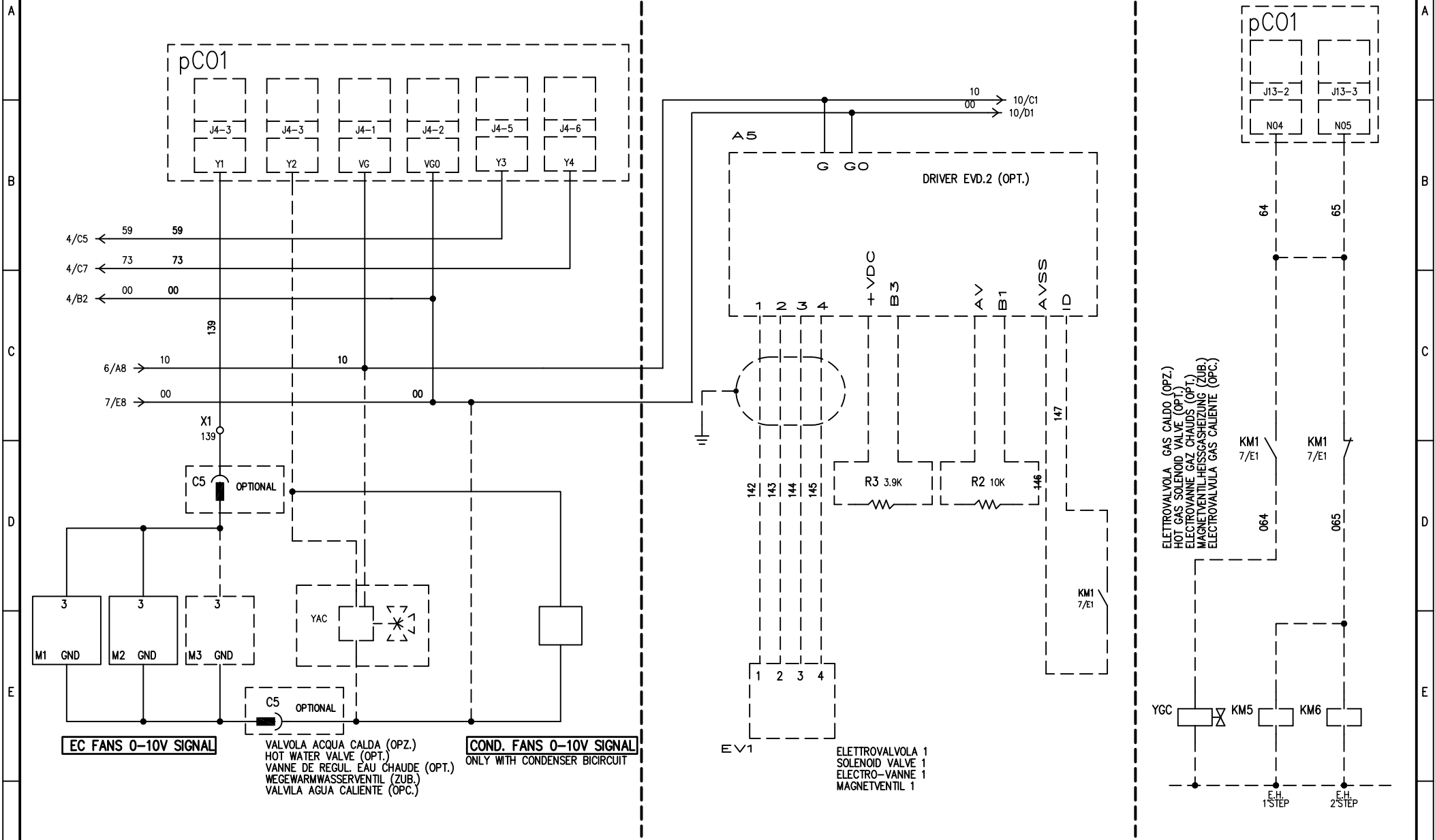
pCO1 DIGITAL OUTPUTS



REV.		MODIFICATIONS		DATE	30/03/2007	DRAW. F.F.		LENNOX	HF620C0300		SHEET 7 OF 22	
				DATE		CHECK F.F.					CONTINUE	8
1	2	3	4	5	6	7	8					

CONTROLLO VENTILATORI
FANS MOTOR CONTROL
CONTROL VENTILATEUR

ELETTRONIC MOD. VALVE FOR HOR GAS



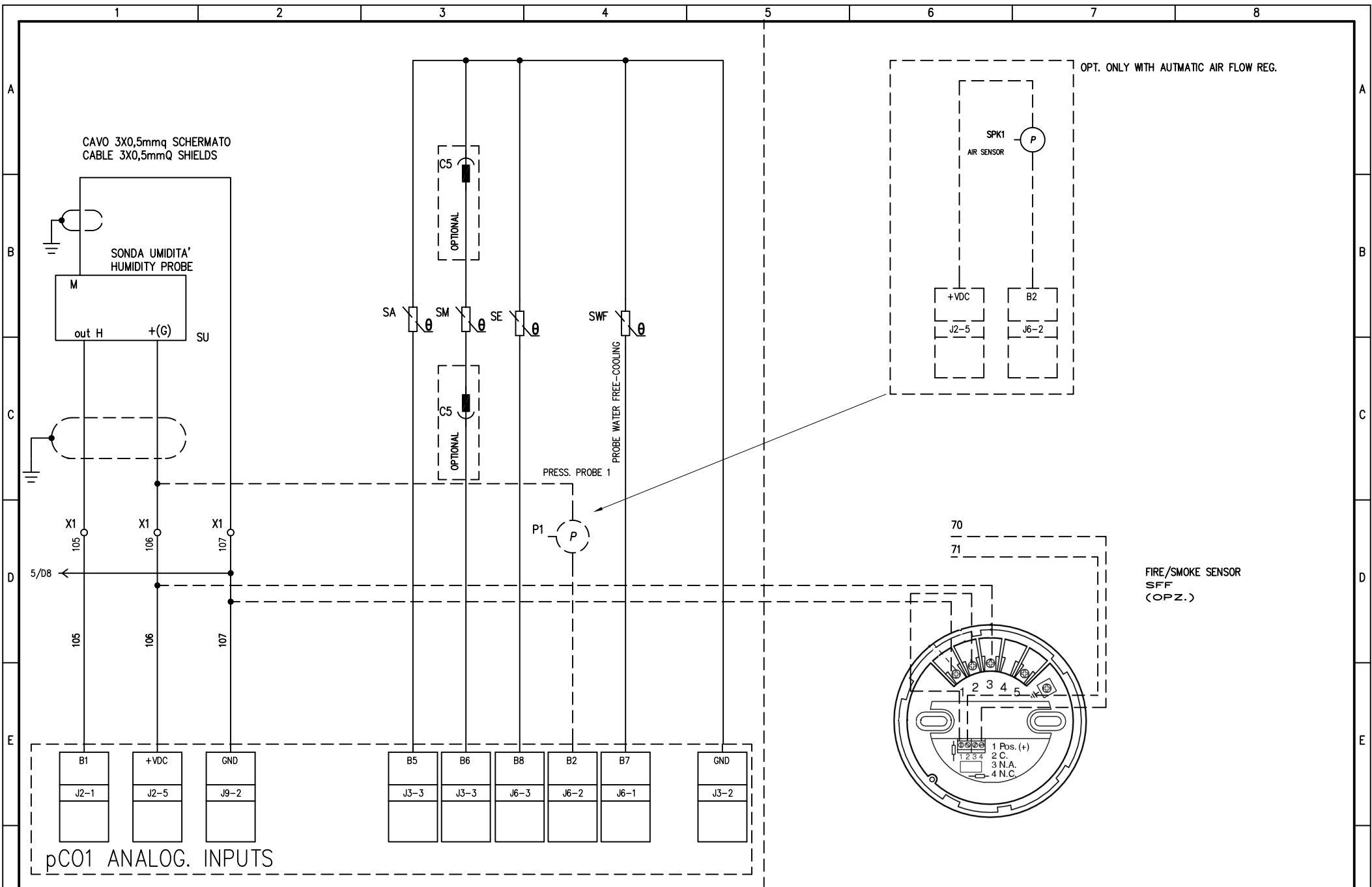
DATE 30/03/2007
DRAW. F.F.
CHECK F.F.



REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:
1		2			3			5
								6
								7
								8

HF620C0300

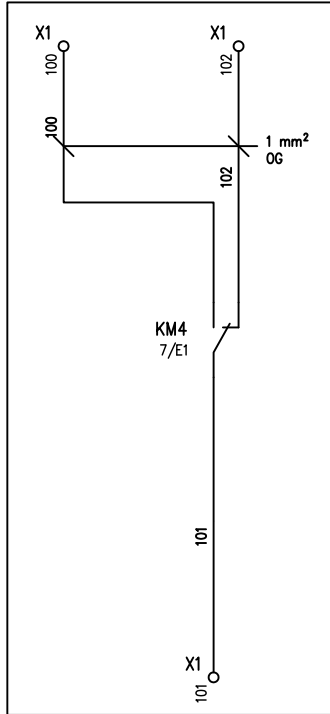
SHEET 8 OF 22
CONTINUE 9



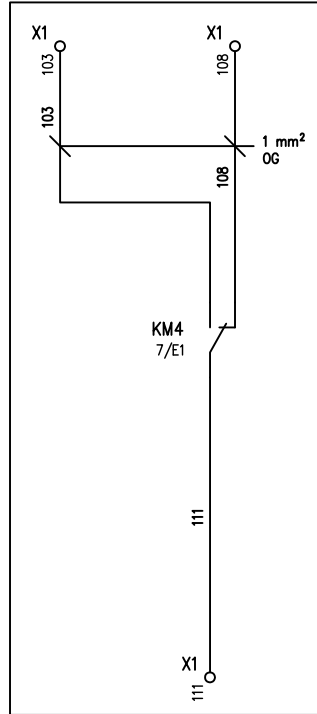
				DATE 30/03/2007				LENNOX							
				DRAW. F.F.											
				CHECK F.F.											
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:			HF620C0300		SHEET 9 OF 22		
1		2		3		4		5	6	7	8	CONTINUE	10		

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

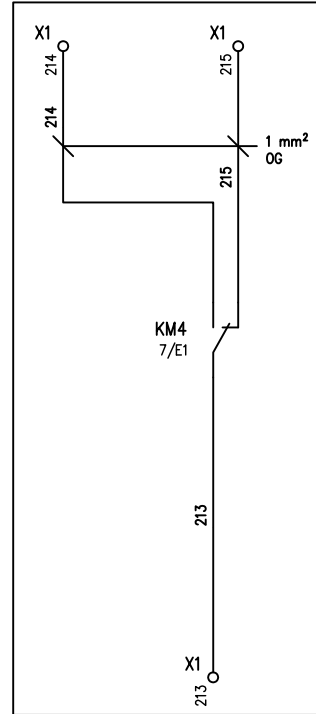
POMPA SCARICO CONDENZA
 CONDENSATE DRAIN PUMP
 POMPE A EAU CONDENSEUY
 KONDENSATWASS PUMPE
 BOMBA DESEGUE CONDEN.



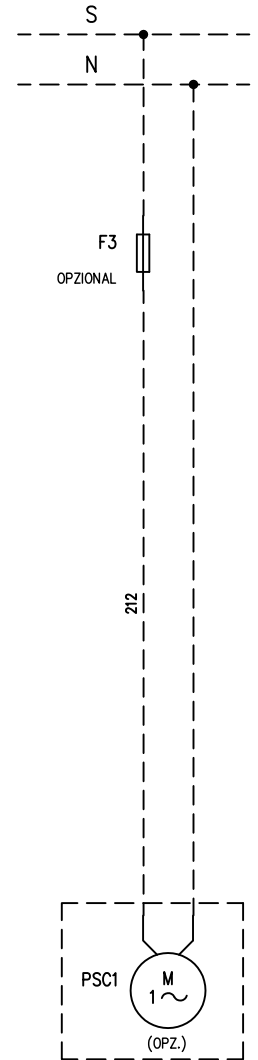
EXT. DAMPER ON/OFF



EXT. PUMPS ON/OFF



ON/OFF UNIT STATUS



REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:
1		2		3		4		5

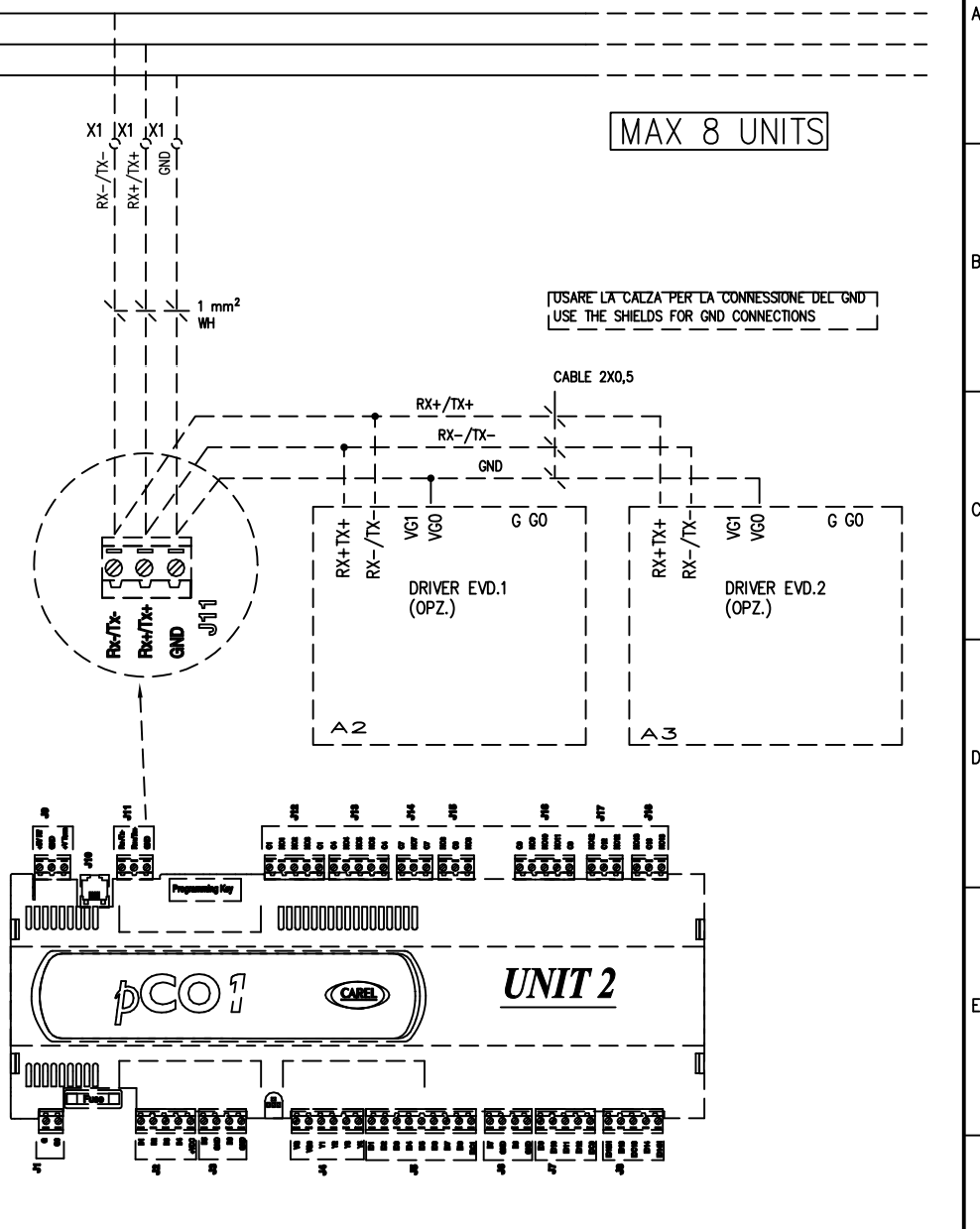
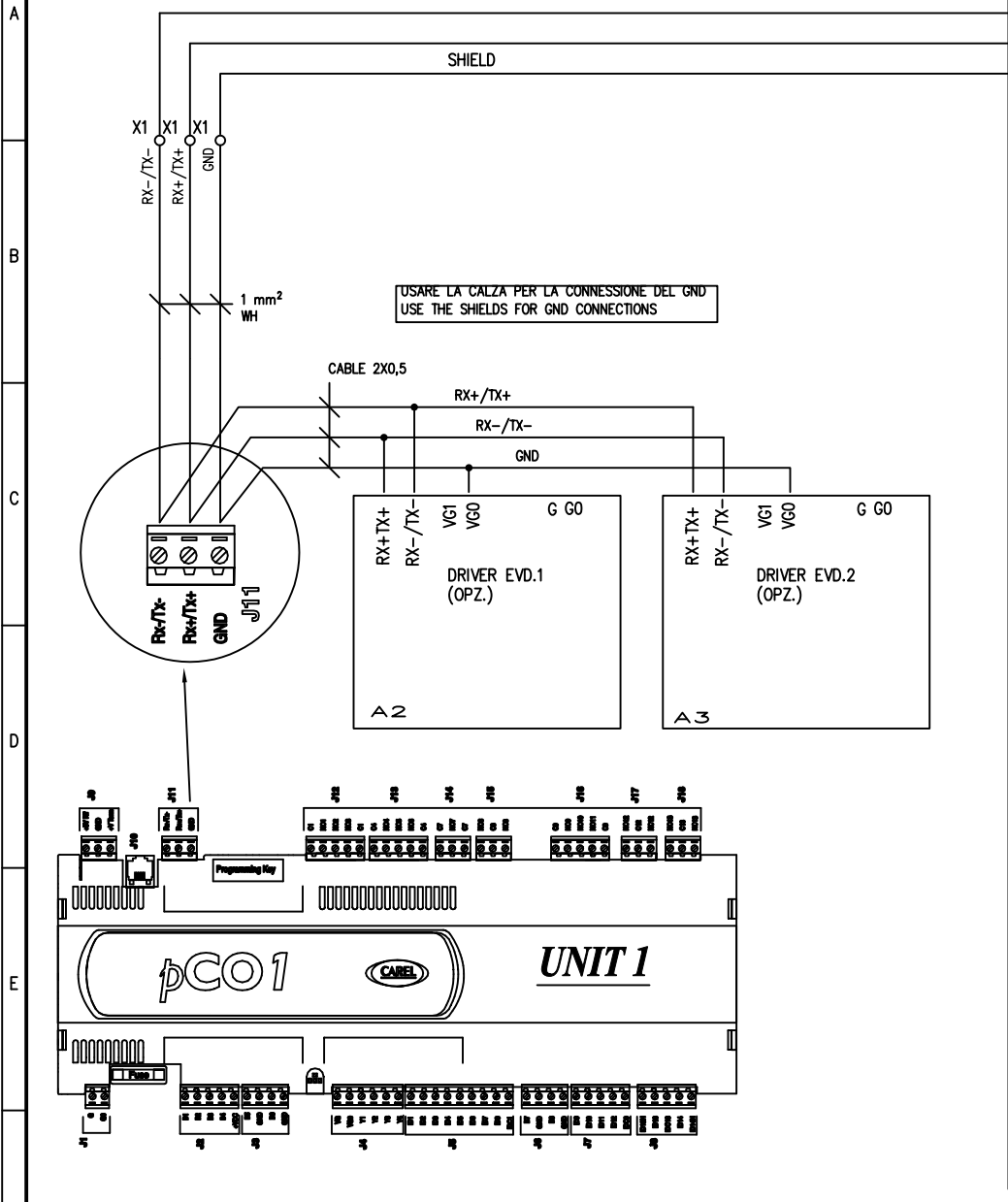
DATE 30/03/2007
 DRAW. F.F.
 CHECK F.F..



HF620C0300

SHEET 12 OF 22
 CONTINUE 13

LAN CONNECTIONS



MAX 8 UNITS

DATE 30/03/2007
 DRAW. F.F.
 CHECK F.F.

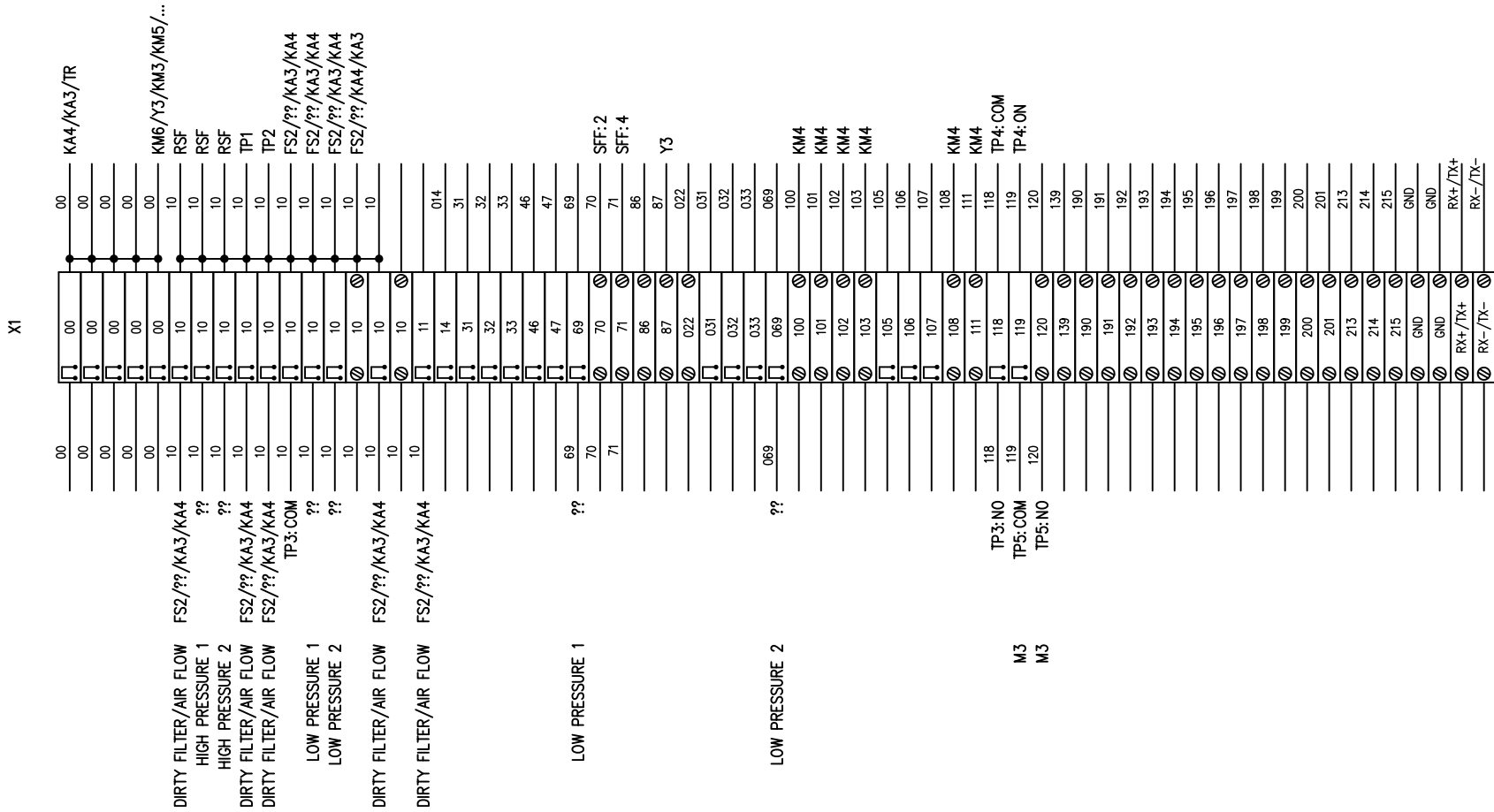


REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:
1								
2								
3								
4								

HF620C0300

SHEET 13 OF 22
 CONTINUE 14

MORSETTIERA
 TERMINAL STRIP
 BORNIER
 KLEMMLEISTE
 KLEMMLEISTE



HUMID. CONNECTOR

C1
CONNETTORE FEMMINA 4 VIE AMP 1-480703-0

Pin	Filo	Posizione
1	49	5/C6
2	50	5/C6
3	51	5/C6
4	52	5/C6

C2
CONNETTORE FEMMINA 4 VIE AMP 1-480703-0

Pin	Filo	Posizione
1	94	7/D4
2	00	7/E4
3	93	7/D7
4	00	7/E7

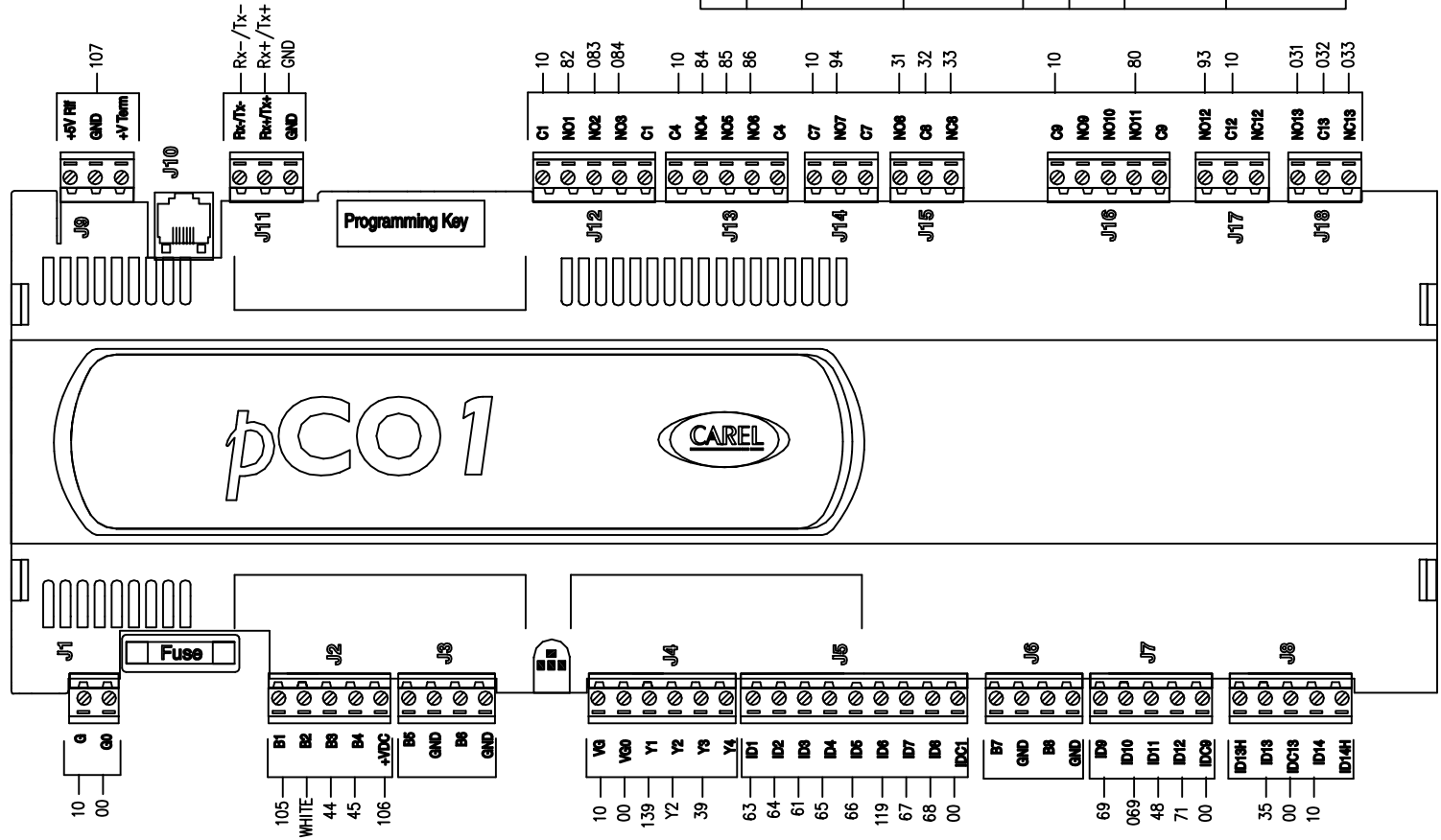
C3
CONNETTORE FEMMINA 4 VIE AMP 1-480703-0

Pin	Filo	Posizione
1	42	4/E1
2	54	4/E2
3	26	4/E2
4		4/E2

LAYOUT SCHEDA ELECTRONIC BOARD LAYOUT

CONNETTORI PHOENIX A SPINA COMBICON CON PASSO 5.08 mm. COLORE VERDE TIPO MSTB 2,5 :

SIG.	POLI	TIPO	CODICE	SIG.	POLI	TIPO	CODICE
J1	2	2,5/2-ST	17 57 01 9	J11	3	2,5/3-ST	17 57 02 2
J2	5	2,5/5-ST	17 57 04 8	J12	5	2,5/5-ST	17 57 04 8
J3	4	2,5/4-ST	17 57 03 5	J13	5	2,5/5-ST	17 57 04*8
J4	6	2,5/6-ST	17 57 05 1	J14	3	2,5/3-ST	17 57 02 2
J5	9	2,5/9-ST	17 57 08 0	J15	3	2,5/3-ST	17 57 02 2
J6	4	2,5/4-ST	17 57 03 5	J16	5	2,5/5-ST	17 57 04 8
J7	5	2,5/5-ST	17 57 04 8	J17	3	2,5/3-ST	17 57 02 2
J8	5	2,5/5-ST	17 57 04 8	J18	3	2,5/3-ST	17 57 02 2
J9	3	2,5/3-ST	17 57 02 2				PCDUMD



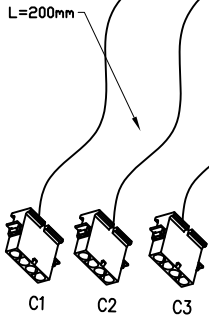
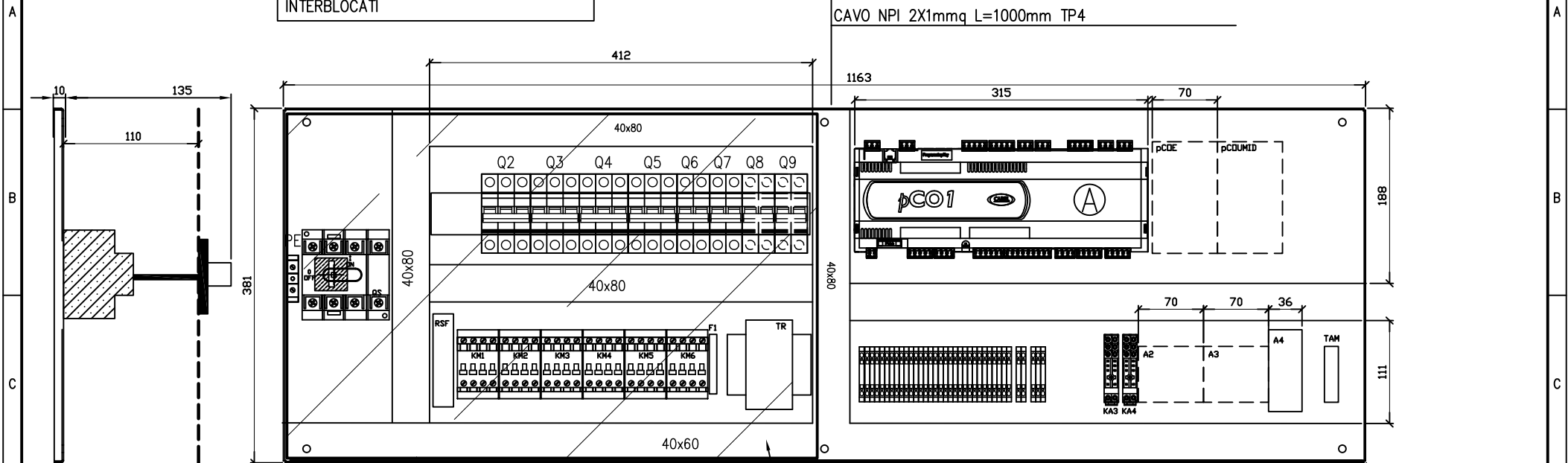
LAYOUT

F2=USARE MORSETTI PORTAFUBILI PHOENIX UK5-HESI INTERBLOCATI

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

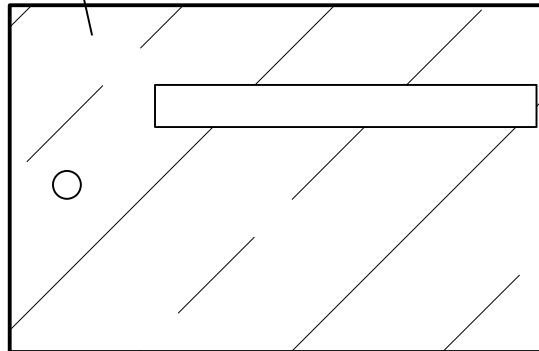
CAVO NPI 2X1mmq L=1000mm TP3

CAVO NPI 2X1mmq L=1000mm TP4

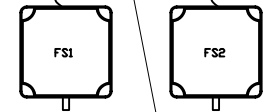


PIASTRA DI FONDO HF17000968

- CAVO NPI L=1800mm C2
- CAVO NPI 2X1mmq L=2500mm AP2 FASTON ROSSI
- CAVO NPI 2X1mmq L=2500mm Y2 PUNTALINI
- CAVO NPI 3X1,5mmq L=1500mm RC2 GIUNTI
- CAVO NPI 3X2,5mmq L=1800mm K1 FASTON ROSSI
- CAVO NPI 3X2,5mmq L=1800mm K2 FASTON ROSSI
- CAVO NPI 2X0,5mmq L=1800mm K1 FASTON ROSSI
- CAVO NPI 2X0,5mmq L=1800mm K2 FASTON ROSSI




(A) ALZARE SCHEDE CON CAVALLOTTO H=200mm




L=150cm+FDRCINE

- CAVO NPI L=1800mm C1
- CAVO NPI 2X1mmq L=2500mm AP1 FASTON ROSSI
- CAVO NPI 2X1mmq L=2500mm Y3 PUNTALINI
- CAVO NPI 3X1,5mmq L=1500mm RC1 GIUNTI
- CAVO NPI 3X1,5mmq L=2500mm Y1 PUNTALINI

DATE 30/03/2007		DRAW. F.F.		CHECK F.F.		LENNOX		HF620C0300		SHEET 17 OF 22 CONTINUE 18			
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.							REPLACE	REPLACE
1		2		3								4	

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	EVAP. FANS				1		3/E05	
	Q1	PHASE SEQUENCE	SIEMENS	5SY6 301-7	INT.AUT. 3P C 1A 6kA				
	Q2	COMPRESSOR 1	SIEMENS	5SY6 325-7	INT.AUT. 3P C 25A 6kA	1	PCE	3/B06	
	Q3	COMPRESSOR 2	SIEMENS	5SY6 325-7	INT.AUT. 3P C 25A 6kA	1	PCE	3/B07	
	Q4	HUMIDIFIER	SIEMENS	5SY6 316-7	INT.AUT. 3P C 16A 6kA	1	PCE	3/B07	
	Q5	FANS	SIEMENS	5SY6 320-8	INT.AUT. 3P D 20A 6kA	1	PCE	3/B07	
	Q6	E. HEATING	SIEMENS	5SY6 332-7	INT.AUT. 3P C 32A 6kA	1	PCE	3/B07	
	Q7	AUX	SIEMENS	5SY6 204-7	INT.AUT. 2P C 4A 6kA	1	PCE	3/B07	
	Q8	COND.1	SIEMENS	5SY6 316-7	INT.AUT. 3P C 16A 6kA	1	PCE	3/B07	
	Q9	COND.2	SIEMENS	5SY6 316-7	INT.AUT. 3P C 16A 6kA	1	PCE	3/B07	
	QS		ABB	OT80E4/OT45E4 "F"	4X80/4X45 "F"	1		3/A01	
	R1	E. HEATING				1		3/E04	
	RSF	PHASE SEQUENCE				1		3/C02	
	SA	ROOM PROBE				1		6/B05	
	TR1		150VA		CON FUS. A BORDO	1		3/C07	
				DATE	30/03/2007				
				DRAW.	F.F.				
				CHECK	F.F..				
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:	
1		2		3		4		5	
									
						HF620C0300		SHEET 19 OF 22	
								CONTINUE 20	

1	2		3	4	5	6	7	8		
552...762	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position		
A	AP	HIGH PRESSURE				1		4/C02	A	
	BP	LOW PRESSURE				1		5/A06		
	C1	COMPRESSOR 1				1		3/E02		
B	C2	COMPRESSOR 2				1		3/E02	B	
	EV1					1		7/B05		
	EV2					1		7/B05		
	FU1		4AF		FUSIBILE 5X20	1	PCE	3/D08		
C	KA3	HIGH PRESSURE RELAY 1		40528024	Codice non valido	1		4/E02	C	
	KA4	HIGH PRESSURE RELAY 2		40528024	Codice non valido	1		4/E02		
	KM1	COMP.1	SIEMENS	3RT1035-1AB00 3RH1921-1DA11	TELER. 18,5KW 400V 3P BOB. 24V AC CONTATTO AUSILIARIO LATERALE 1NA + 1NC	1	PCE	4/E04		
D	KM2	COMP.2	SIEMENS	3RT1035-1AB00 3RH1921-1DA11	TELER. 18,5KW 400V 3P BOB. 24V AC CONTATTO AUSILIARIO LATERALE 1NA + 1NC	1	PCE	4/E04	D	
	KM3	HUMIDIFIER	SIEMENS	3RT1016-1AB00	TELER. 4KW 400V 3P BOB. 24V AC	1	PCE	4/E07		
	KM4	EVAP. FANS	SIEMENS	3RT1025-1AB00	TELER. 7,5KW 400V 3P BOB. 24V AC	1	PCE	4/E07		
	KM5	E.H. 1 STEP	SIEMENS	3RT1016-1AB00	TELER. 4KW 400V 3P BOB. 24V AC	1	PCE	6/B03		
E	KM6	E.H. 2 STEP	SIEMENS	3RT1016-1AB00	TELER. 4KW 400V 3P BOB. 24V AC	1	PCE	6/B03	E	
F			DATE	30/03/2007						F
			DRAW.	F.F.						
			CHECK	F.F..						
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:		
1		2		3		4		5	6	7
								HF620C0300	SHEET 20 OF 22	21
								CONTINUE		
8										

1	2		3	4	5	6	7	8	
552...762	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position	
A	M1/M2	EVAP. FANS				1		3/E05	A
	Q1	RSF	SIEMENS	5SY6 301-7	INT.AUT. 3P C 1A 6kA	1	PCE	3/B04	
	Q2	COMPRESSOR 1	SIEMENS	5SY6 340-7	INT.AUT. 3P C 40A 6kA	1	PCE	3/B06	
B	Q3	COMPRESSOR 2	SIEMENS	5SY6 340-7	INT.AUT. 3P C 40A 6kA	1	PCE	3/B07	B
	Q4	HUMIDIFIER	SIEMENS	5SY6 316-7	INT.AUT. 3P C 16A 6kA	1	PCE	3/B07	
	Q5	FANS	SIEMENS	5SY6 320-8	INT.AUT. 3P D20A 6kA	1	PCE	3/B07	
	Q6	E. HEATING	SIEMENS	5SY6 340-7	INT.AUT. 3P C 40A 6kA	1	PCE	3/B07	
C	Q7	AUX	SIEMENS	5SY6 204-7	INT.AUT. 2P C 4A 6kA	1	PCE	3/B07	C
	QS		ABB	OT125E4/OT63E4 "F"	4X125/4X63 "F"	1		3/A01	
	R1	E. HEATING				1		3/E04	
D	RSF	PHASE SEQUENCE	SIEMENS			1		3/C02	D
	SA	ROOM PROBE				1		6/B05	
	TR		150VA		CON FUS. A BORDO	1		3/C07	
E									E
F									F
				DATE	30/03/2007				
				DRAW.	F.F.				
				CHECK	F.F..				
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:	
1		2		3		4		5	6
									7
									8
									HF620C0300
									SHEET 21 OF 22
									CONTINUE 22



1

2

3

4

5

6

7

8

NOTE:

- 1) CABLARE Q.E. COME SE FOSSE COMPLETO MA ANDRA' INSTALLATO SOLO IL MATERIALE PER VERSIONE SOLO FREDDO
- 2) PREDISPORRE CABLAGGI PER SCHEDE A1..A2..A3...A4...pCOE E TUTTA LA PARTE DELLA LAN CONNECCTION
- 3) REALIZZAREE LASTRA DI PLEXIGLASS A COPERTURA PARTE DI POTENZA (VEDI LAYOUT)
- 4) PREDISPORRE CABLAGGI PER INT. Q8 E Q9

A

A

B

B

C

C

D

D

E

E

F

F

DATE	30/03/2007
DRAW.	F.F.
CHECK	F.F..



HF620C0300

SHEET 22 OF 22

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

1

2

3

4

5

6

7

8

CONTINUE