



**CARATTERISTICHE ELETTRICHE
ELECTRIC CHARACTERISTIC**

SERIES DHCU/DC080...230.....pC01

MODELL
080-230
400V+N

ELECTRIC CHARACTERISTIC

Revisione	Foglio	Oggetto	Data	Responsabile
A	1	REVISIONE GENERALE	18/03/2005	POLIDO
B	1	MODIFICATE USCITE	26/07/2005	POLIDO
C	1	REVISIONE GENERALE	30/08/2005	POLIDO
D	1	AGGIUNTI VENTILATORI ELETTRONICI	11/07/2007	C.N.

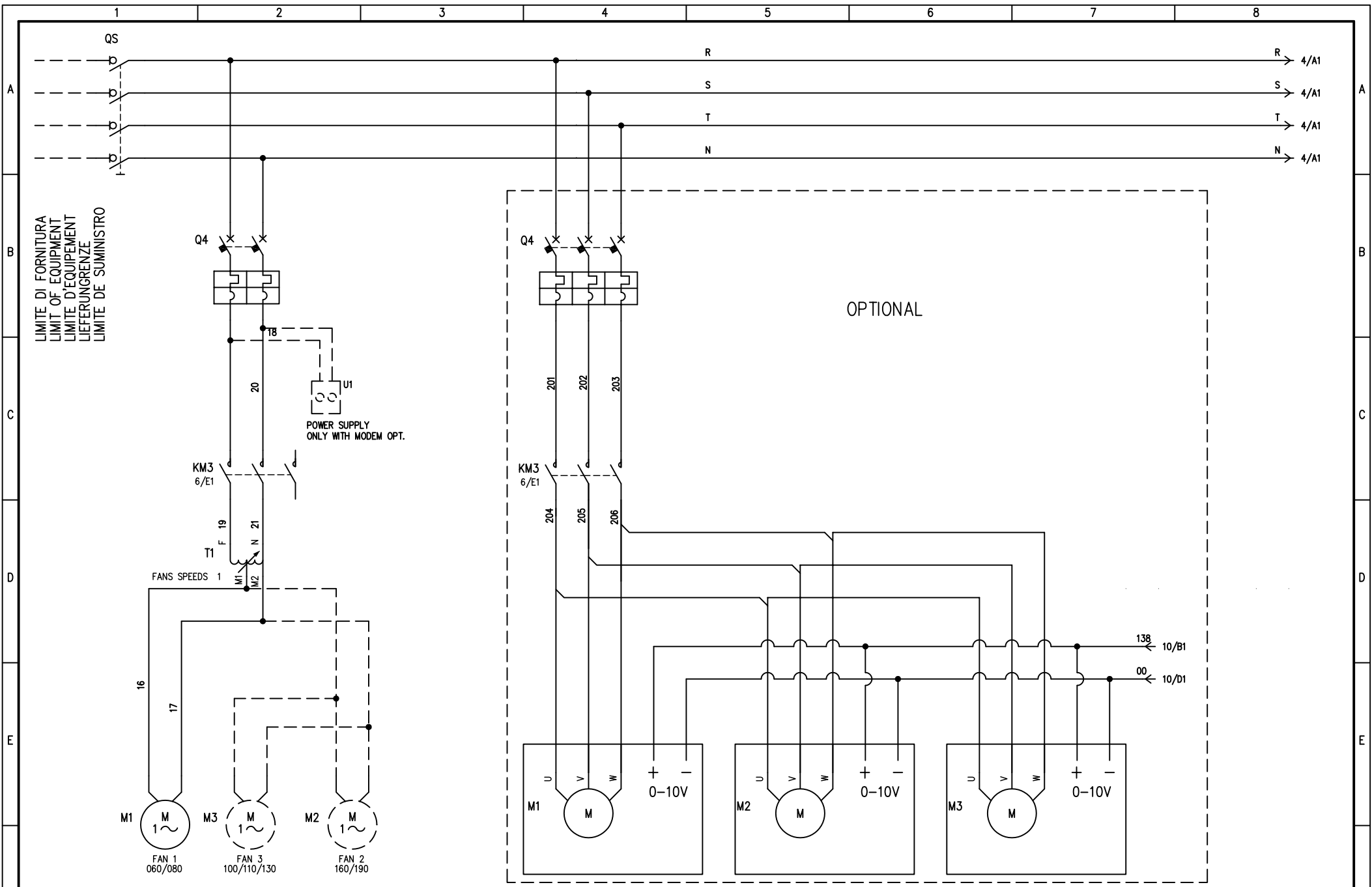
CW VERSION

F	P totale [kW]	OA	FLA	LRA	TENSIONE
	<i>P totale [kW]</i>	<i>I nominale [A]</i>	<i>I massima [A]</i>	<i>I spunto [A]</i>	
080CW	0,3	2,3	3,5	/	230V/1PH/50Hz
110CW	0,3	2,5	3,5	/	230V/1PH/50Hz
140CW	0,6	4,8	7,0	/	230V/1PH/50Hz
160CW	0,6	4,8	7,0	/	230V/1PH/50Hz
200CW	0,9	5,5	10,5	/	230V/1PH/50Hz
230CW	0,9	5,5	10,5	/	230V/1PH/50Hz
F+U					
	<i>P totale [kW]</i>	<i>I nominale [A]</i>	<i>I massima [A]</i>	<i>I spunto [A]</i>	<i>TENSIONE</i>
080UCW	2,6	5,5	6,7	/	400V/3PH+N/50Hz
110UCW	2,6	5,7	6,7	/	400V/3PH+N/50Hz
140UCW	2,9	8,0	10,2	/	400V/3PH+N/50Hz
160UCW	2,9	8,0	10,2	/	400V/3PH+N/50Hz
200UCW	3,2	8,7	13,7	/	400V/3PH+N/50Hz
230UCW	3,2	8,7	13,7	/	400V/3PH+N/50Hz
F+C					
	<i>P totale [kW]</i>	<i>I nominale [A]</i>	<i>I massima [A]</i>	<i>I spunto [A]</i>	<i>TENSIONE</i>
080CCW	2,3	11,0	12,2	/	230V/1PH/50Hz
110CCW	2,3	11,2	12,2	/	230V/1PH/50Hz
140CCW	4,6	22,2	24,4	/	230V/1PH/50Hz
160CCW	4,6	22,2	24,4	/	230V/1PH/50Hz
200CCW	4,9	22,9	27,9	/	230V/1PH/50Hz
230CCW	4,9	22,9	27,9	/	230V/1PH/50Hz
F+C+U					
	<i>P totale [kW]</i>	<i>I nominale [A]</i>	<i>I massima [A]</i>	<i>I spunto [A]</i>	<i>TENSIONE</i>
080CUCW	9,6	25,5	26,7	/	400V/3PH+N/50Hz
110CUCW	9,6	25,7	26,7	/	400V/3PH+N/50Hz
140CUCW	11,9	36,7	38,9	/	400V/3PH+N/50Hz
160CUCW	11,9	36,7	38,9	/	400V/3PH+N/50Hz
200CUCW	12,2	37,4	42,4	/	400V/3PH+N/50Hz
230CUCW	12,2	37,4	42,4	/	400V/3PH+N/50Hz

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

B	MODIFICATE USCITE	26/07/2005	POLIDO	DATE	30/08/2005		HF620C0223	SHEET 1 OF 25
C	REVISIONE GENERALE	30/08/2005	POLIDO	DRAW.	POLIDO			
D	AGGIUNTI VENTILATORI ELETTRONICI	11/07/2007	C.N.	CHECK	POLIDO			
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:



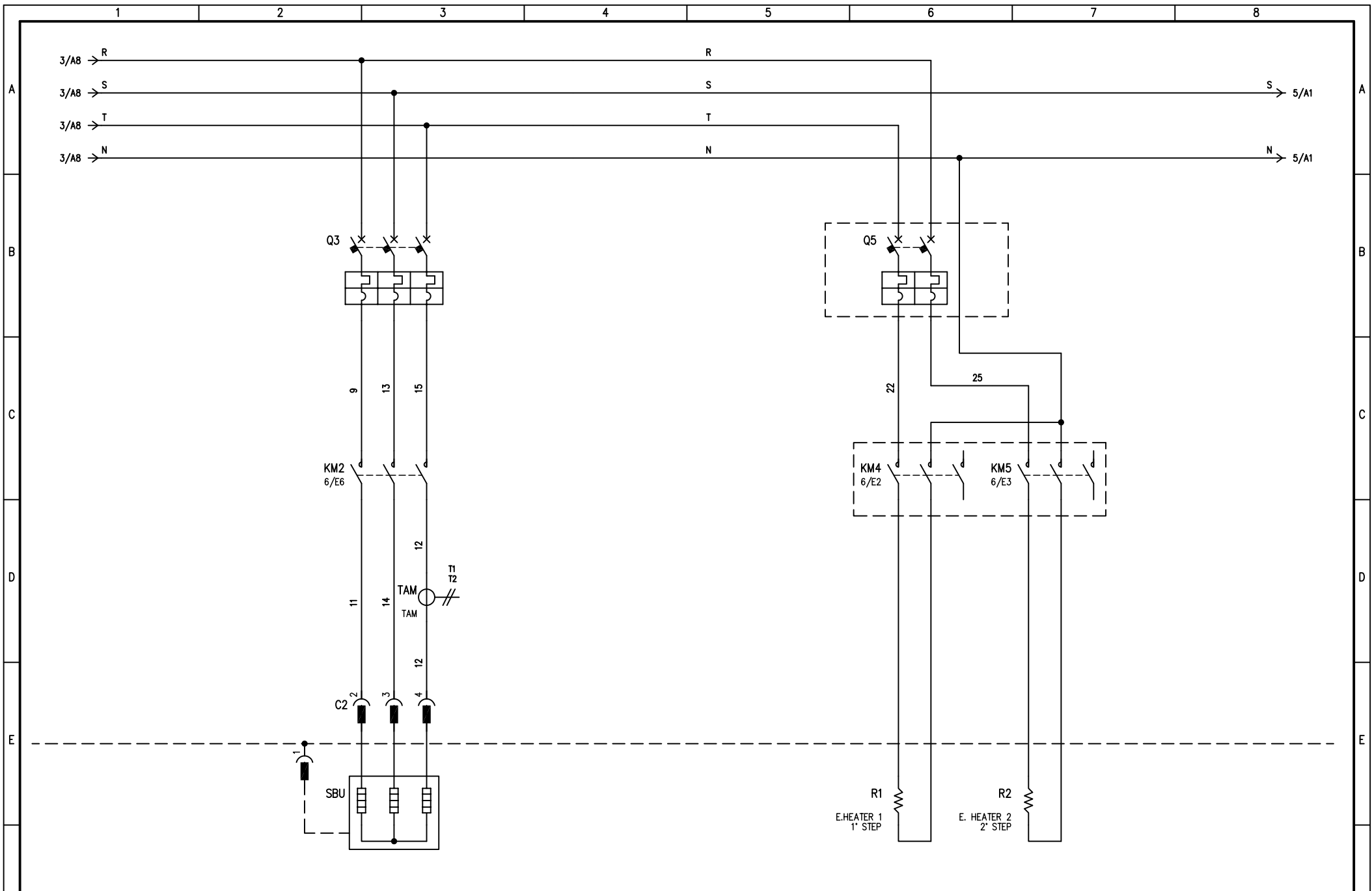
DATE 30/08/2005
 DRAW. POLIDO
 CHECK POLIDO



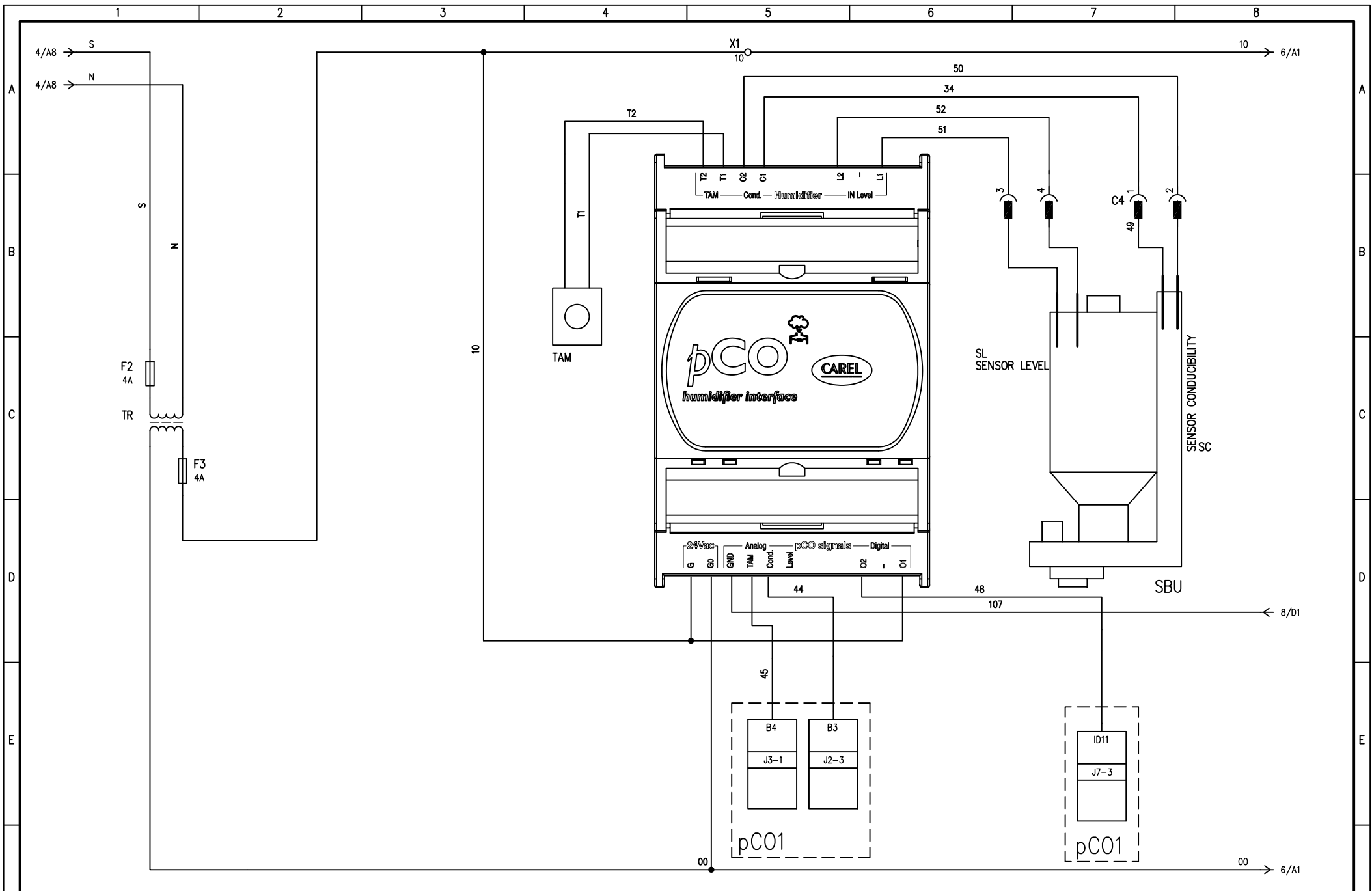
HF620C0223

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

SHEET 3 OF 25
 CONTINUE 4



				DATE	30/08/2005				HF620C0223			
				DRAW.	POLIDO						SHEET 4 OF 25	
				CHECK	POLIDO						CONTINUE 5	
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:				
1		2		3		4		5	6	7	8	



DATE 30/08/2005
 DRAW. POLIDO
 CHECK POLIDO
 APPR. M.M.



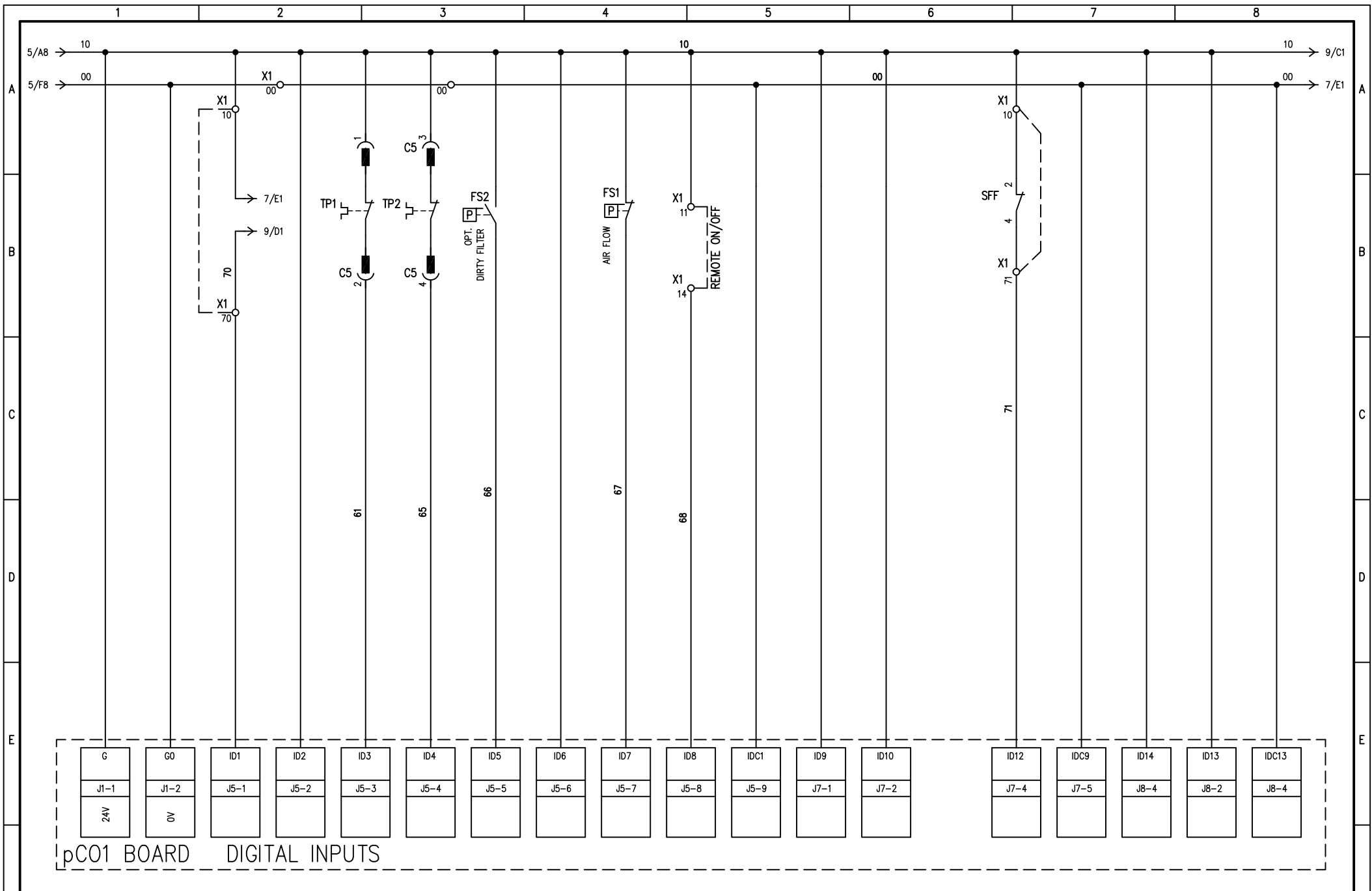
HF620C0223

REV.	MODIFICATIONS	DATE	SIGN.

REPLACE REPLACE

ORIGIN:

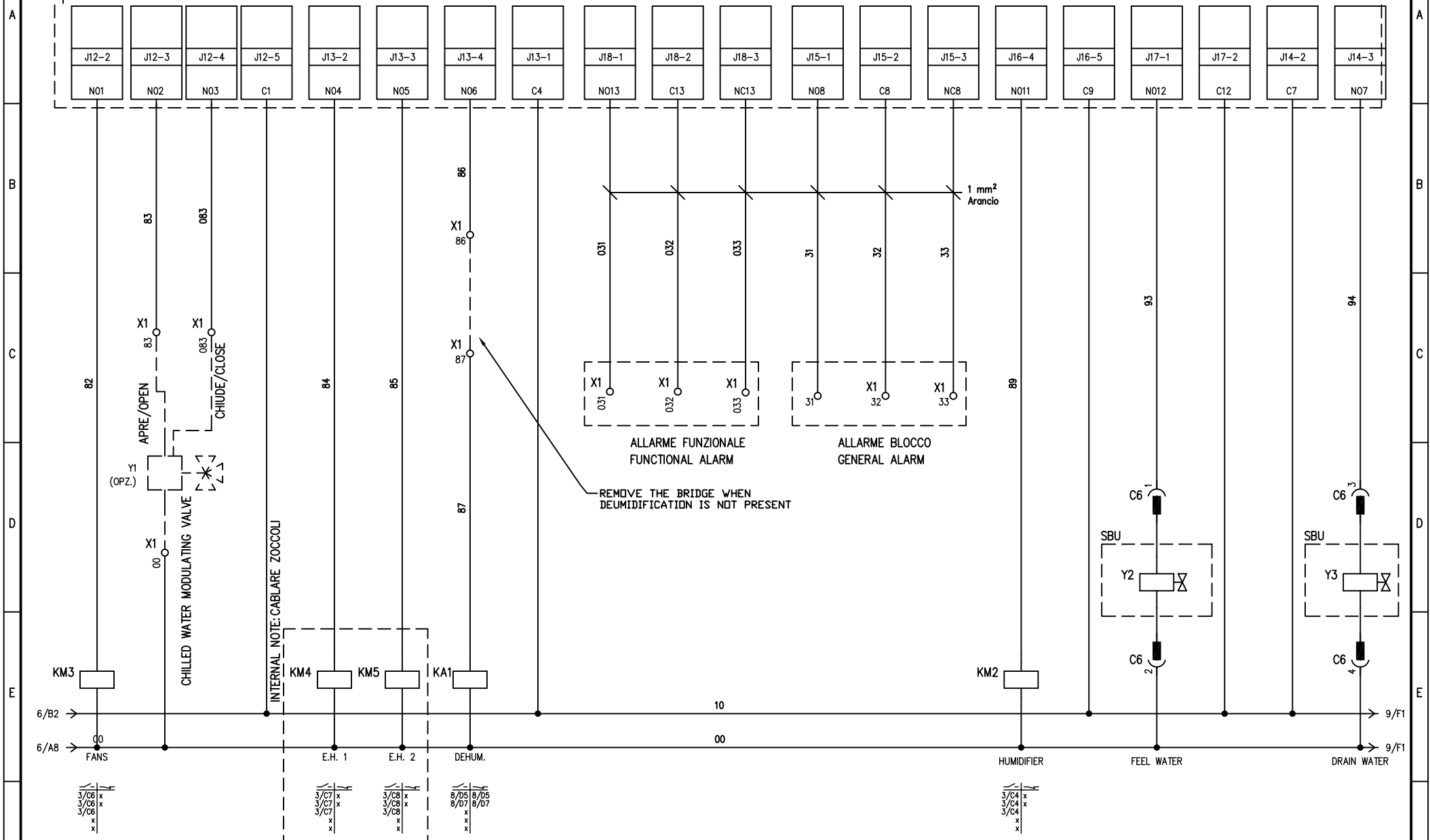
SHEET 5 OF 25
 CONTINUE 6



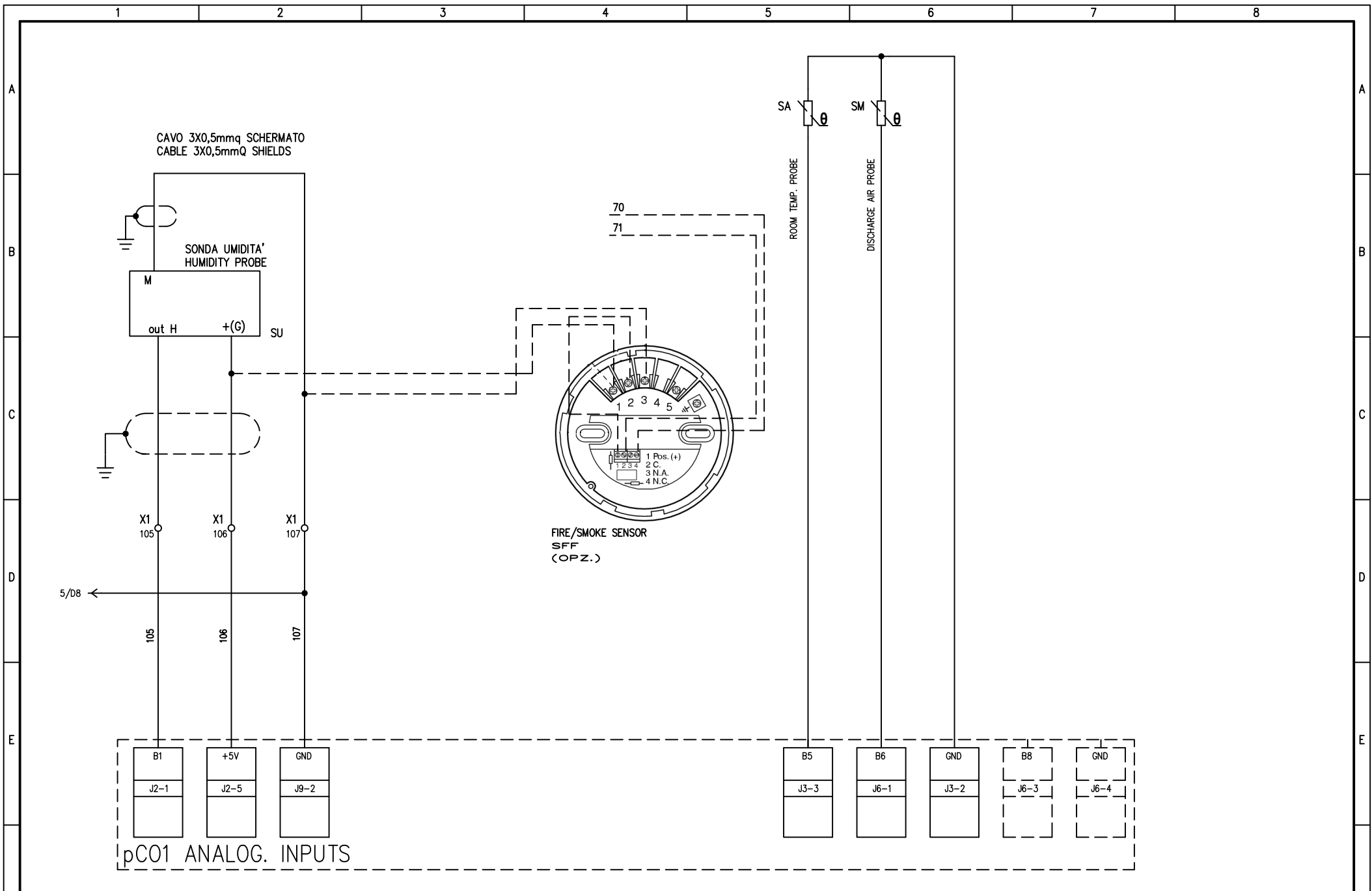
pC01 BOARD DIGITAL INPUTS

				DATE	30/08/2005		LENNOX		HF620C0223					
				DRAW.	POLIDO									
				CHECK	POLIDO									
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:			SHEET 6 OF 25			
1		2		3		4		5	6	7	8	CONTINUE 7		

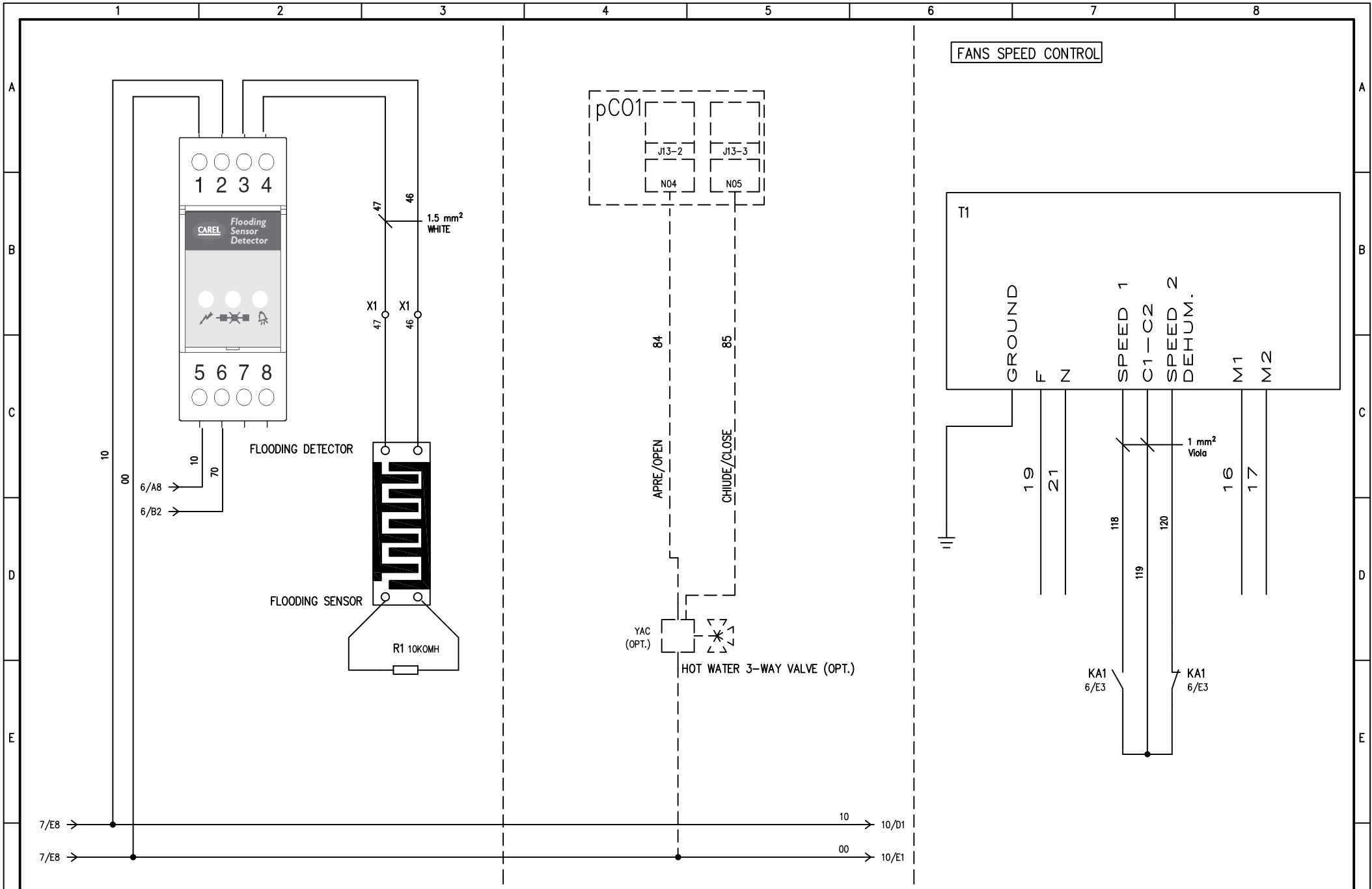
pCO1 DIGITAL OUTPUTS



				DATE	30/08/2005					HF620C0223					
				DRAW.	POLIDO										
				CHECK	POLIDO										
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:					SHEET	7 OF 25	
1		2		3		4		5	6	7	8	CONTINUE	8		

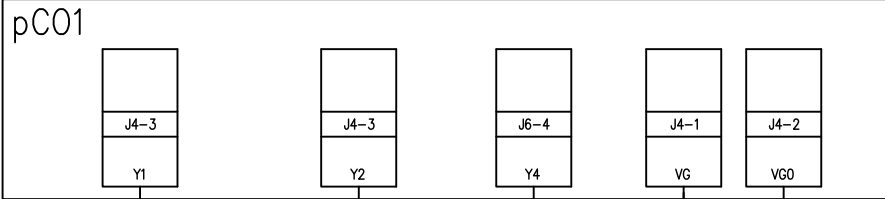


				DATE	30/08/2005				HF620C0223			
				DRAW.	POLIDO						SHEET 8 OF 25	
				CHECK	POLIDO						CONTINUE 9	
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:				
1		2		3		4		5	6	7	8	



				DATE	30/08/2005			LENNOX	HF620C0223			
				DRAW.	POLIDO							
				CHECK	POLIDO							
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:			SHEET 9 OF 25	
1		2		3		4		5	6	7	8	CONTINUE 10

CONTROLLO VALVOLE 0-10V
VALVES CONTROL 0-10V

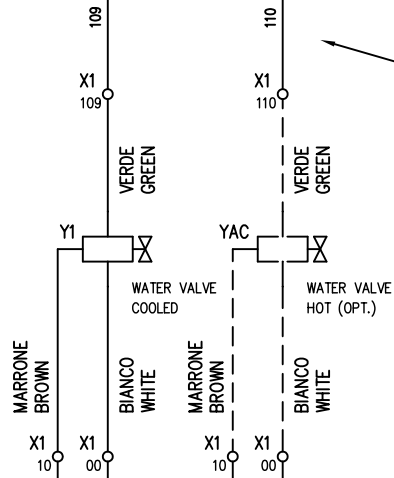


3/07 ← 138

3/E7 ← 00

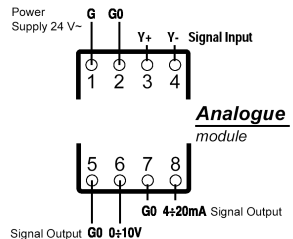
9/F6 → 10

9/F6 → 00

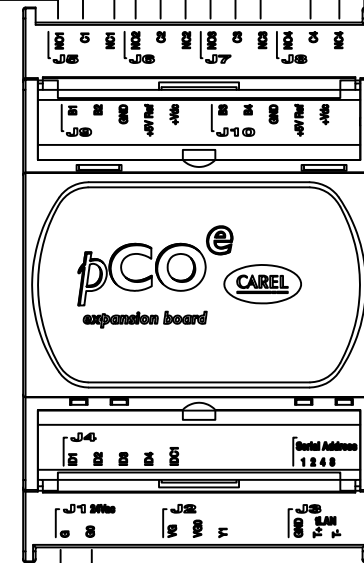
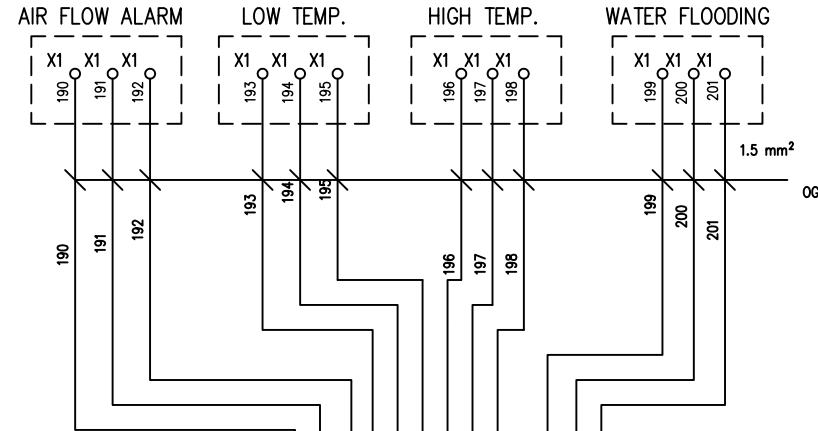


VALVOLA MODULANTE ACQUA FREDDA (OPZ.)
CHILLED WATER MODULATING VALVE (OPT.)
VANNE DE REGULATION D'EAU FROIDE (OPT.)
WEGELA WASSERLEITUNG FÜR KÜHLES WASSER
VALVULA DE 3 VAS AGUA REFRIGERADA (OPC.)

VALVOLA ACQUA CALDA (OPZ.)
HOT WATER MODULATING VALVE (OPT.)
VANNE DE REGULATION D'EAU CHAUDE (OPT.)
WEGELA WASSERLEITUNG FÜR HEISSES WASSER
VALVULA AGUA CALIENTE (OPC.)



ONLY WITH WARM WATER 0-10V VALVE



pCOE BOARD

DATE 30/08/2005
DRAW. POLIDO
CHECK POLIDO

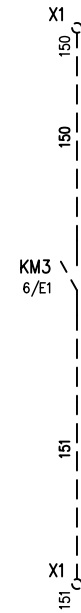
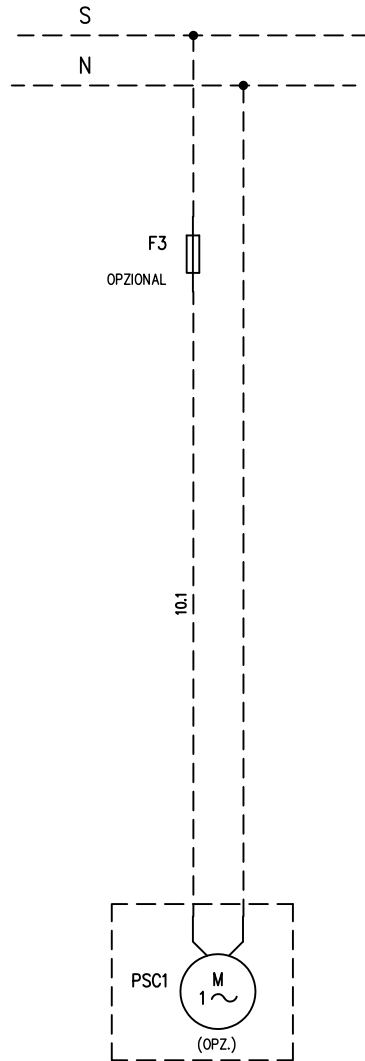


HF620C0223

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

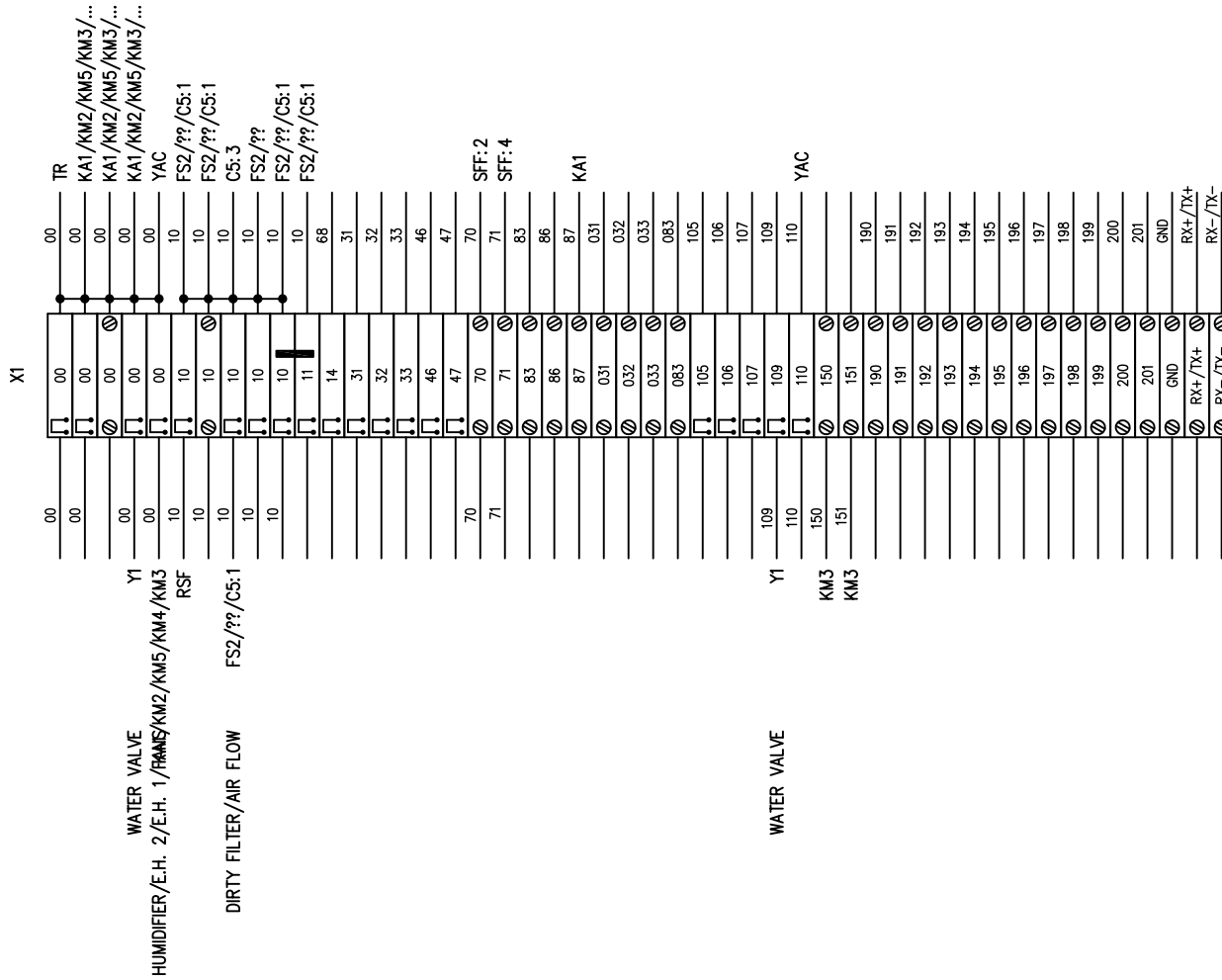
CONDENSATE DRAIN PUMP
 POMPE A EAU CONDENSEUY
 KONDENSATWASS PUMPE
 BOMBA DESEGUE CONDEN.

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	30/08/2005			LENNOX	HF620C0223			
				DRAW.	POLIDO							
				CHECK	POLIDO							
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:			SHEET 11 OF 25	
1		2			3		4	5	6	7	8	CONTINUE 12

TERMINAL STRIP
BORNIER
KLEMMLEISTE
KLEMMLEISTE



CONNETTORI

C2

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

C4

Pin	Filo	Posizione
1	49	4/C4
2	50	4/C5
3	51	4/C5
4	52	4/C5

C5

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

C6

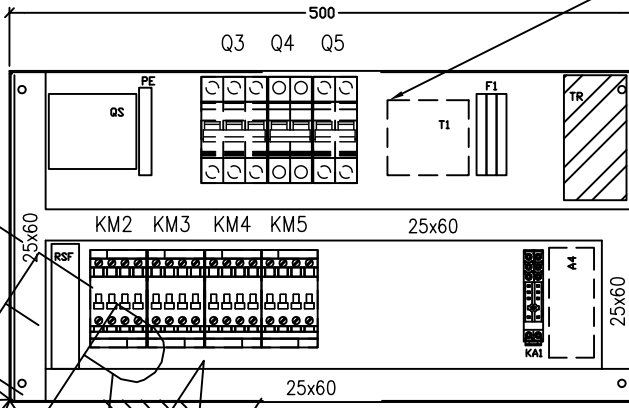
Pin	Filo	Posizione
1	93	6/D7
2	00	6/E7
3	94	6/D8
4	00	6/E8

LAYOUT MOD.080/110

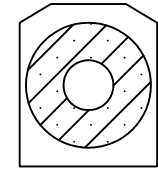
PIASTRA DI FONDO NS. COD. HF17000909

F1=USARE MORSETTI PORTAFUBILI PHOENIX UK5-HESI INTERBLOCATI

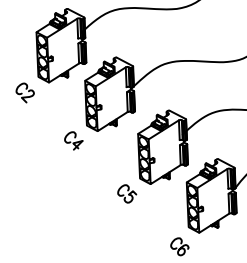
ALAZARE CON CAVALLOTTO



GUAINA SPIRALATA L=1500mm FORCINE



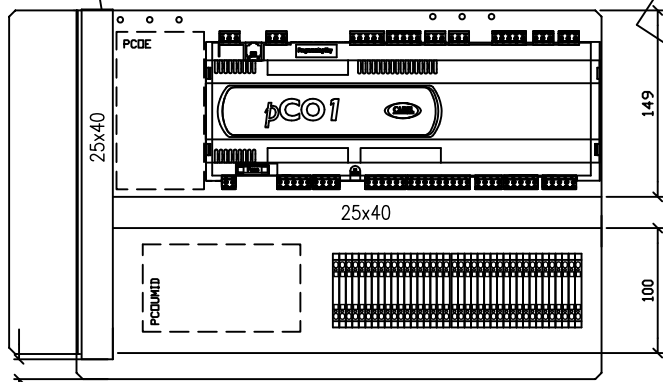
A CURA DEL QUADRISTA: FORNIRE IL TOROIDE SU SUPPORTO DI VS. FORNITURA



AL
US
ST
ONLY

FORNIRE PRECABLATA FILI L=150mm

GUAINA SPIRALATA L=150mm



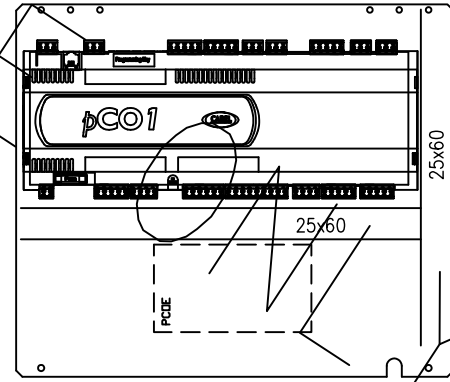
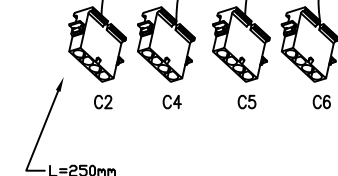
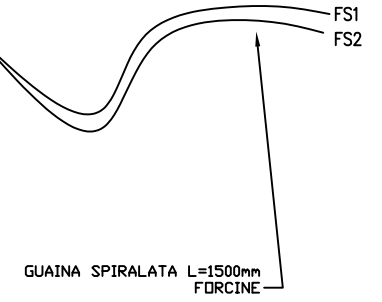
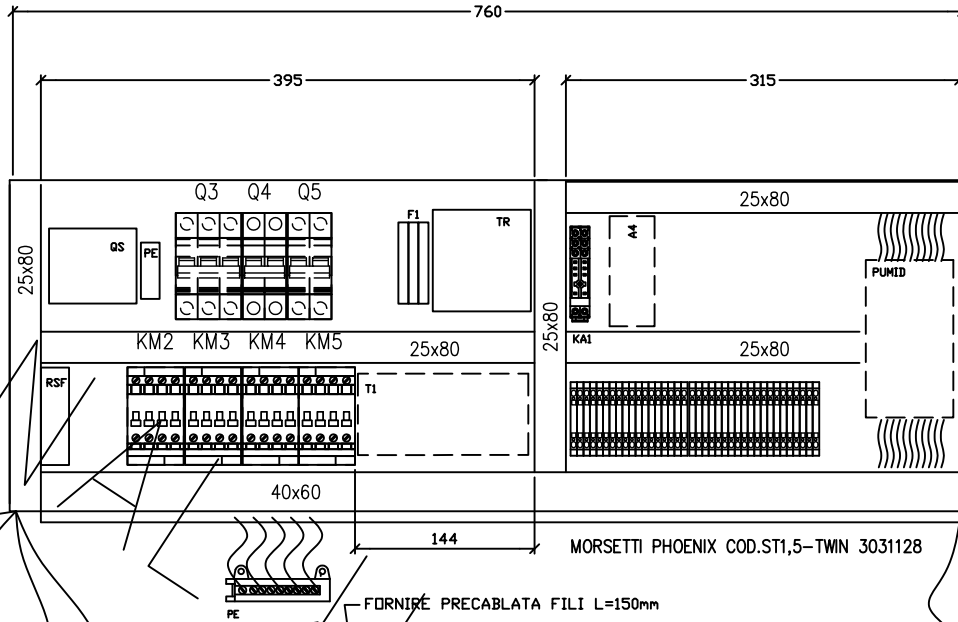
MORSETTI PHOENIX COD.ST1,5-TWIN 3031128 FISSARE SU GUIDA OMEGA CON FORI FATTI

				DATE	30/08/2005				HF620C0223			
				DRAW.	POLIDO						SHEET 14 OF 25	
				CHECK	POLIDO						CONTINUE 15	
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:				
1		2		3		4		5	6	7	8	

LAYOUT 140/160

PIASTRA DI FONDO NS. COD. HF17000756

F1=USARE MORSETTI PORTAFUBILI PHOENIX
UK5-HESI
INTERBLOCATI



GUAINA SPIRALATA L=150mm

DATE 30/08/2005
DRAW. POLIDO
CHECK POLIDO



HF620C0223

REV. MODIFICATIONS

DATE SIGN.

APPR. M.M.

REPLACE REPLACE

ORIGIN:

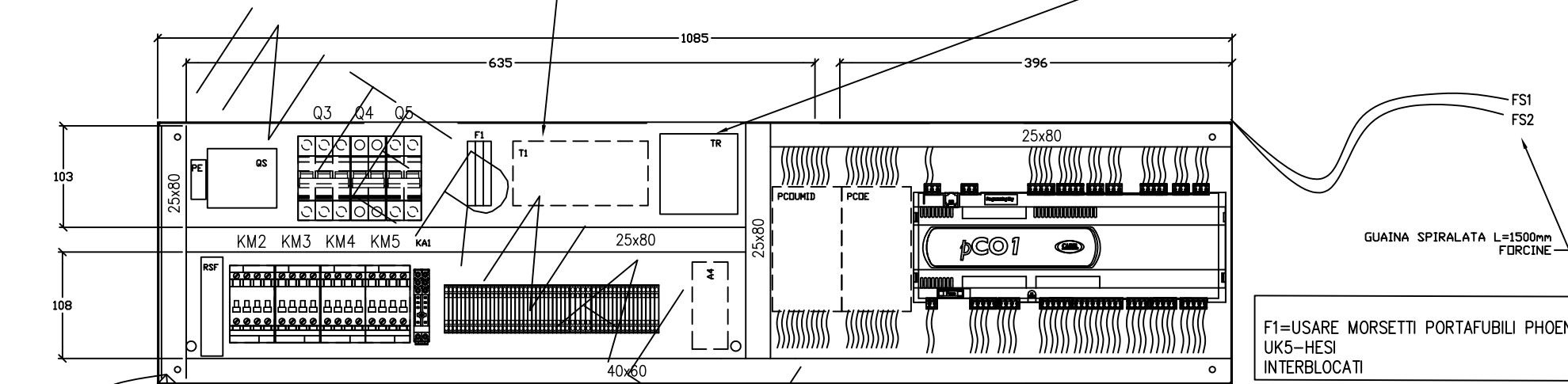
SHEET 15 OF 25
CONTINUE 16

LAYOUT 200/230

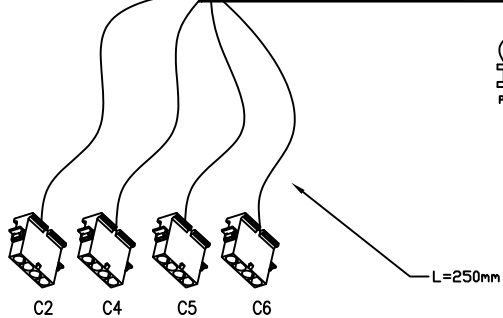
PIASTRA FI FONDO NS. COD. HF17000879

COPRIRE QUESTA PARTE CON LASTRA DI POLICARBONATO
ALATEZZA UTILE FILO MANDVRA B/P H=140max

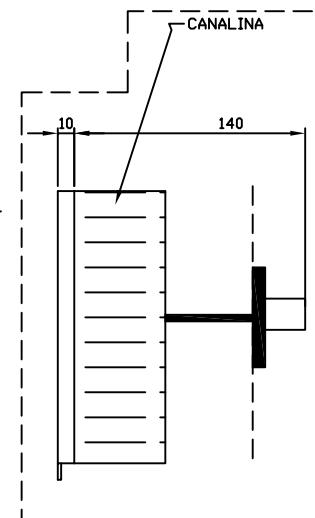
COPRIRE CON LASTRA DI PLEXIGLASS
NS. COD. HF55000040



MORSETTI PHOENIX COD.ST1,5-TWIN 3031128



USE ONLY



				DATE	30/08/2005				HF620C0223			
				DRAW.	POLIDO							
				CHECK	POLIDO							
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:			SHEET 16 OF 25	
1		2		3		4		5	6	7	8	CONTINUE 17

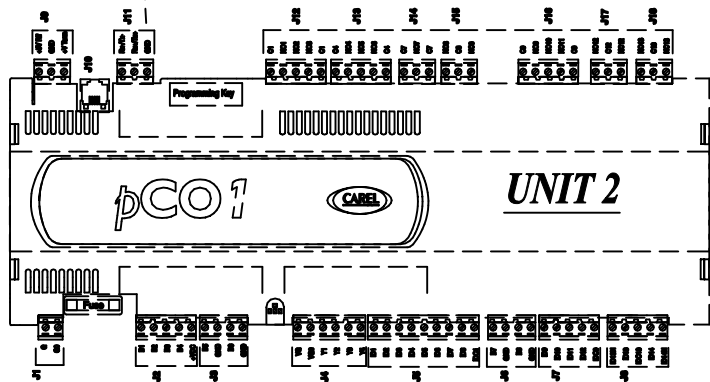
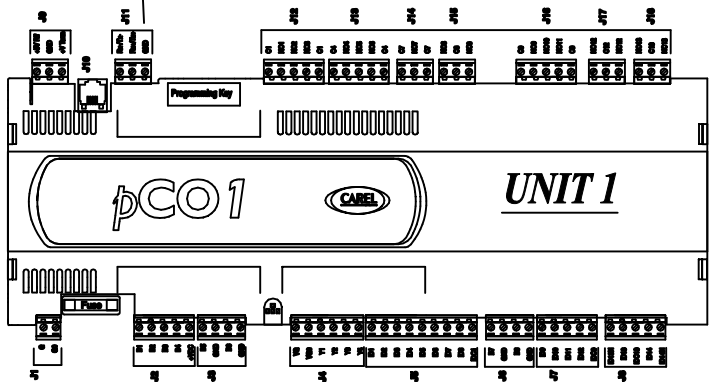
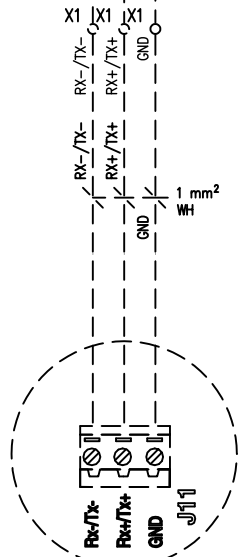
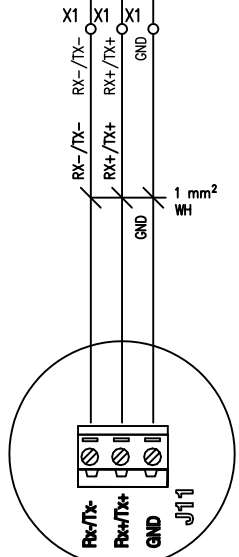
LAN CONNECTIONS

SHIELD

MAX 8 UNITS


USARE LA CALZA PER LA CONNESSIONE DEL GND
USE THE SHIELDS FOR GND CONNECTIONS


USARE LA CALZA PER LA CONNESSIONE DEL GND
USE THE SHIELDS FOR GND CONNECTIONS




DATE 30/08/2005		DRAW. POLIDO		CHECK POLIDO		ORIGIN:		HF620C0223		SHEET 17 OF 25	
REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.	REPLACE	REPLACE	ORIGIN:			CONTINUE 18	
1		2		3		4		5		6	8




1	2		3		4		5		6		7		8		
080-110	Ref-mark	Function		Technical data		Item code		Description		Amount	M.U.	Position			
	AP	HIGH PRESSURE								1		4/C02			
	BP	LOW PRESSURE								1		5/A06			
	C1	COMPRESSOR								1		3/E02			
	EV1									1		7/B05			
	EV2									1		7/B05			
	F1			4AF					FUSIBILE 5X20	1	PCE	3/D08			
	H1	HUMIDIFYER								1		3/E06			
	KA1	DEUM. RELAY				40528024				1		4/E02			
	KM2	HUMID.				LS410-55/72614		TELER.AEG LS4.10 24V/DIL00M-10		1	PCE	4/E06			
	KM3	EVAP. FANS				LS410-55/72614		TEL. AEG LS4.10 24V/DIL00M-10		1	PCE	4/E07			
	KM4	E.H. 1 STEP				LS410-55/72614		TELER.AEG LS4.10 24V/DIL00M-10		1	PCE	6/B03			
	KM5	E.H. 2 STEP				LS410-55/72614		TELER.AEG LS4.10 24V/DIL00M-10		1	PCE	6/B03			
				DATE 30/08/2005				HF620C0223							
				DRAW. POLIDO											
				CHECK POLIDO											
REV.	MODIFICATIONS		DATE	SIGN.	APPR. M.M.	REPLACE	REPLACE	ORIGIN:					SHEET 20 OF 25		
1			2		3		4		5		6	7	8 CONTINUE 21		

1	2		3	4	5	6	7	8	
080-110	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position	
	M1	EVAP. FANS				1		3/E05	
	Q3	HUMID.		E93C06/242943	INT.AUT.Elfa E90 3P C 6A 6kA/PLS6-C6/3	1	PCE	3/B05	
	Q4	FANS		E92C10/242876	INT.AUT.Elfa E90 2P C 10A 6kA/PLS6-C10/2	1	PCE	3/B06	
	Q5	E.HEATERS		E92C10/242876	INT.AUT.Elfa E90 2P C 20A 6kA/PLS6-C10/2	1	PCE	3/B07	
	QS		4X25	OT25E4		1		3/A01	
	R1	E. HEATERS				1		3/E04	
	RSF	PHASE SEQUENCE				1		3/C02	
	SA	ROOM PROBE				1		6/B05	
	TR		100VA		CON FUS. A BORDO	1		3/C07	
				DATE 30/08/2005		HF620C0223			
				DRAW. POLIDO					
				CHECK POLIDO					
REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.	REPLACE	REPLACE	ORIGIN:		SHEET 21 OF 25 CONTINUE 22
1	2	3	4	5	6	7	8		

1	2		3	4	5	6	7	8	
140-160	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position	
	AP	HIGH PRESSURE				1		4/C02	
	BP	LOW PRESSURE				1		5/A06	
	C1	COMPRESSOR				1		3/E02	
	EV1					1		7/B05	
	EV2					1		7/B05	
	F1		4AF		FUSIBILE 5X20	1	PCE	3/D08	
	H1	HUMID.				1		3/E06	
	KA1	DEHUMID		40528024		1		4/E02	
	KM2	HUMID.		LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	4/E06	
	KM3	EVAP. FANS		LS410-55/72614	TEL. AEG LS4.10 24V/DIL00M-10 24V	1	PCE	4/E07	
	KM4	E.H. 1 STEP		LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	6/B03	
	KM5	E.H. 2 STEP		LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	6/B03	
				DATE	30/08/2005			HF620C0223	
				DRAW.	POLIDO				
				CHECK	POLIDO				
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:	
1		2		3		4		5	6
								SHEET 22 OF 25	
								CONTINUE	23

1	2		3	4	5	6	7	8	
140-160	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position	
	M1/M2	EVAP. FANS				1		3/E05	
	Q3	HUMID.		E93C06/242943	INT.AUT.Elfa E90 3P C 06A 6kA/PLS6-C06/3	1	PCE	3/B05	
	Q4	FANS		E92C10/242876	INT.AUT.Elfa E90 2P C 10A 6kA/PLS6-C10/2	1	PCE	3/B06	
	Q5	E. HEATERS		E92C20/242881	INT.AUT.Elfa E90 2P C 20A 6kA/PLS6-C20/2	1	PCE	3/B07	
	QS		4X45	OT45E4		1		3/A01	
	R1	E. HEATERS				1		3/E04	
	RSF	PHASE SEQUENCE				1		3/C02	
	SA	ROOM PROBE				1		6/B05	
	TR		100VA		CON FUS. A BORDO	1		3/C07	
				DATE	30/08/2005				
				DRAW.	POLIDO				
				CHECK	POLIDO				
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:	
1		2		3		4		5	6
								HF620C0223	
								SHEET 23 OF 25	
								CONTINUE 24	



1	2		3	4	5	6	7	8		
200-230	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		3/E02		
B	EV1					1		7/B05	B	
	EV2					1		7/B05		
	F1		4AF		FUSIBILE 5X20	1	PCE	3/D08		
	H1	HUMID.				1		3/E06		
C	KA1	DEHUMID.		40528024		1		4/E02	C	
	KM2	HUMID.		LS410-55/4852	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	4/E06		
	KM3	EVAP. FANS		LS410-55/72614	TEL. AEG LS4.10 24V/DIL00M-10 24V	1	PCE	4/E07		
D	KM4	E.H. 1 STEP		LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	6/B03	D	
	KM5	E.H. 2 STEP		LS410-55/72614	TELER.AEG LS4.10 24V/DIL00M-10 24V	1	PCE	6/B03		
E										E
F			DATE	30/08/2005		HF620C0223				F
			DRAW.	POLIDO						
			CHECK	POLIDO						
REV.	MODIFICATIONS	DATE	SIGN.	APPR. M.M.	REPLACE	REPLACE	ORIGIN:			SHEET 24 OF 25
1	2	3	4	5	6	7	8	CONTINUE 25		

1	2		3	4	5	6	7	8	
200-230	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position	
	M1/M2	EVAP. FANS				1		3/E05	
	Q3	HUMID.		E93C06/242943	INT.AUT.Elfa E90 3P C 06A 6kA/PLS6-C6/3	1	PCE	3/B05	
	Q4	FANS		E92C10/242876	INT.AUT.Elfa E90 2P C 10A 6kA/PLS6-C10/2	1	PCE	3/B06	
	Q5	E. HEATERS		E92C20/242881	INT.AUT.Elfa E90 2P C 20A 6kA/PLS6-C20/2	1	PCE	3/B07	
	QS		4X45	OT45E4		1		3/A01	
	R1	E. HEATERS				1		3/E04	
	RSF	PHASE SEQUENCE				1		3/C02	
	SA	ROOM PROBE				1		6/B05	
	TR		100VA		CON FUS. A BORDO	1		3/C07	
				DATE	30/08/2005				
				DRAW.	POLIDO				
				CHECK	POLIDO				
REV.	MODIFICATIONS	DATE	SIGN.	APPR.	M.M.	REPLACE	REPLACE	ORIGIN:	
1		2		3		4		5	6
								HF620C0223	
								SHEET 25 OF 25	
								CONTINUE	

