

# LENNOX®



CARATTERISTICHE ELETTRICHE  
ELECTRIC CHARACTERISTIC

SERIE	HMC 025-035.....pC01	
MODELLI		
ELECTRIC CHARACTERISTIC		
MODEL[	I NOM.	

Revisione	Oggetto	Data	Responsabile	Foglio
A	GENERAL REVISION	17/11/2004	POLIDO	1

A	GENERAL REVISION	17/11/2004	POLIDO	DATA	08/09/2004	<b>LENNOX®</b>			HF620C0239	
				DISEG.					HF62000239	
REV.	MODIFICA	DATA	FIRMA	APPR.	SOST. IL:	SOST. DA:	ORIGINE:			FOGLIO 1 DI 16 SEGUE 2

1	2	3	4	5	6	7	8		
A	Sigla	Opisania	Primeciani>	Posi?£o	Sigla	Opisania	Primeciani>	Posi?£o	
	AP	RELE DAVLENI' HIGH PRESSURE P-STAT PRESSOSTAT HAUTE PRESSION DRUCKSCHALTER, HOCHDRUCK PRESOSTATO DE ALTA		5/B04	RSF	RELE' SEQUENZA FASE PHASE SEQUENCE CONTROL RELAY RELAIS DE CONTROLE DE SEQUENCE D'ETAGE STEUERRELAIS FUER PHASEFLOGE RELE' CONTROL SECCUENCIA FASES		6/A03	
	KA3	RELE' ALTA HI-PRESSURE RELAIS RELAIS HAUTE PRESSION RELAIS HOCHDRUCK RELE DE ALTA		5/E04	SR1	SERRANDA DAMPER REGISTRE MOTORISIERTA COMPUERTA		6/C02	
	B	KM1	CONTATTORE COMPRESSORE COMPRESSOR CONTACTOR CONTACTEUR COMPRESSEUR VERDICHTER SCHUETZ CONTACTOR DEL COMPRESSOR		5/E04	FS1	PRESSOSTATO FLUSSO ARIA AIR FLOW PRESSURE SWITCH PRESSOST. D'ENCRASSEMENT DE FILTRE DRUCKSCHALTER NIEDERDRUCK PRESOSTATO DE BAJA		6/A03
		KM2	CONTATTORE UMIDIFICATORE HUMIDIFIER CONTACTOR CONTACTEUR HUMIDIFICATEUR BEFEUCHTER SCHUETZ CONTACTOR DEL HUMIDIFICADOR			TP1 TP2	TERMOSTATO SICUREZZA RISCALDAMENTO HEATING SAFETY THERMOSTAT THERMOSTAT DE SECURITE' CHAUFFAGE THERMOSTATE ELEKTROHEIZUNG TERMOSTATO DE SEGURIDAD DE LAS RESISTENCIAS		4/B05
	C	KM4/5	RISCALDAMENTO ELETTRICO EL. HEATERS CHAUFFAGE ELETTRIQUE ELETR. HAIZUNG RESISTENCIAS ELETRICAS		3/C03	P1	PRESSIONE CONDENSAZIONE CONDENSING PRESSION SENSOR SONDE DU PRESSION DE CONDENSATION KONDENSATIONSDRUCK-FUEHLER SONDA PRESSION CONDENSACION		6/B06
		C1	KOMPRESSOR COMPRESSOR COMPRESSEUR KOMPRESSOR COMPRESOR			SA	TEMPERATURA AMBIENTE INTERNO SHELTER INTERNAL AIR TEMPERATURE SENSOR SONDE TEMPERATURE D'AIR INTERIOR AUSSENER LUFTEMP.-FILTER SONDA DE TEMPERATURA DE LA DESCARGA DE AIRE		6/B05
		TR	TRANSFORMADOR TRANSFORMER TRANSFORMATEUR TRANSFORMATOR TRANSFORMADOR		3/C06	SM	TEMPERATURA ARIA IN MANDATA DISCHARGE AIR TEMPERATURE SONDE DE TEMPERATURE ZULUFTTEMMPERATUR TEMP. DE LA DESCARGA DE AIRE		6/B07
	D	QS	GLAVN\Y V\KL^CATEL MAIN SWITCH INTERRUPTEUR GENERAL HAUPTSCHALTER INTERRUPTOR GENERAL		3/A02	SE	TEMPERATURA ARIA ESTERNA OUTDOOR AIR SENSOR SONDE D'AIR EXTERNE AUSSENLUFTUEHLER SONDA DE AIRE ESTERNA		6/B08
		M2	MOTOVENTILATORE EVAPORANTE EVAP. FAN MOTOR MOTEUR VENTILATEUR DE EVAP. EVAP.-LUEFTER MOTOVENTILADOR EVAPORADORA			BP	PRESSOSTATO DI BASSA LOW PRESSURE P-STAT PRESSOSTAT BASSE PRESSION DRUCKSCHALTER NIEDERDRUCK PRESOSTATO DE BAJA		
E	M3	MOTOVENTILATORE EVAPORANTE EVAP. FAN MOTOR MOTEUR VENTILATEUR DE EVAP. EVAP.-LUEFTER MOTOVENTILADOR EVAPORADORA		4/E05	A1	REGUL'TOR SKOROSTI SPEED CONTROLLER REGULATEUR DE VITESSE VENTILATOR/DREHZAHLEGLER REGULADOR VELOCIDAD			
	KM3 KM3A	CONTATTORE VENTILATORE FAN MOTOR CONTACTORS CONTACTEUR VENTILATEUR VENTILATOR SCHUETZ CONTACTOR DEL VENTILADOR							
F									
				DATA	08/09/2004				
				DISEG.				HF620C0239	
	REV.	MODIFICA	DATA	FIRMA	APPR.	SOST. IL:	SOST. DA:	ORIGINE:	
1	2	3	4	5	6	7	8		
								HF62000239	
								FOGLIO 2 DI 16	
								SEGUE 3	

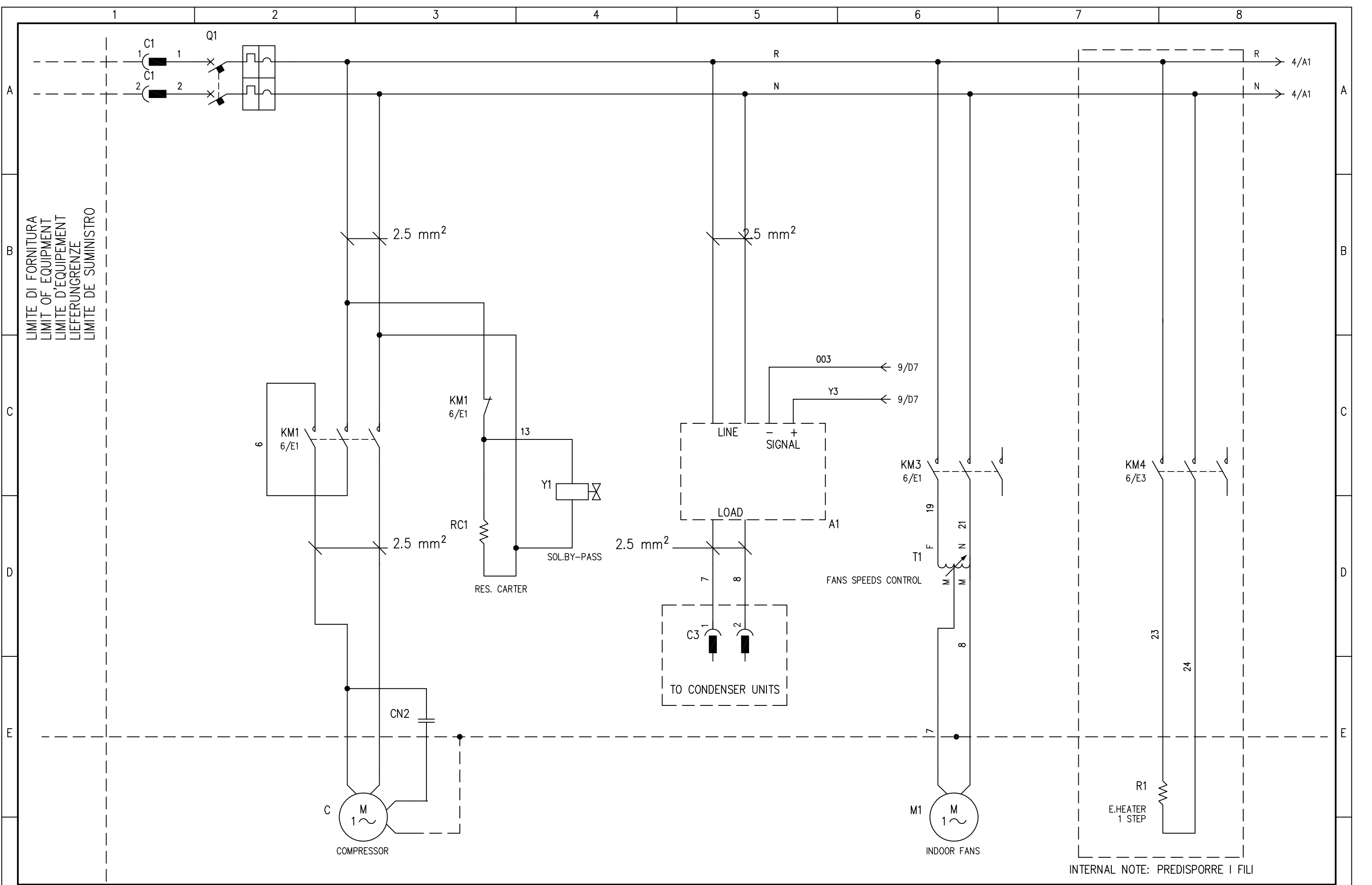


HF620C0239

HF62000239

FOGLIO 2 DI 16

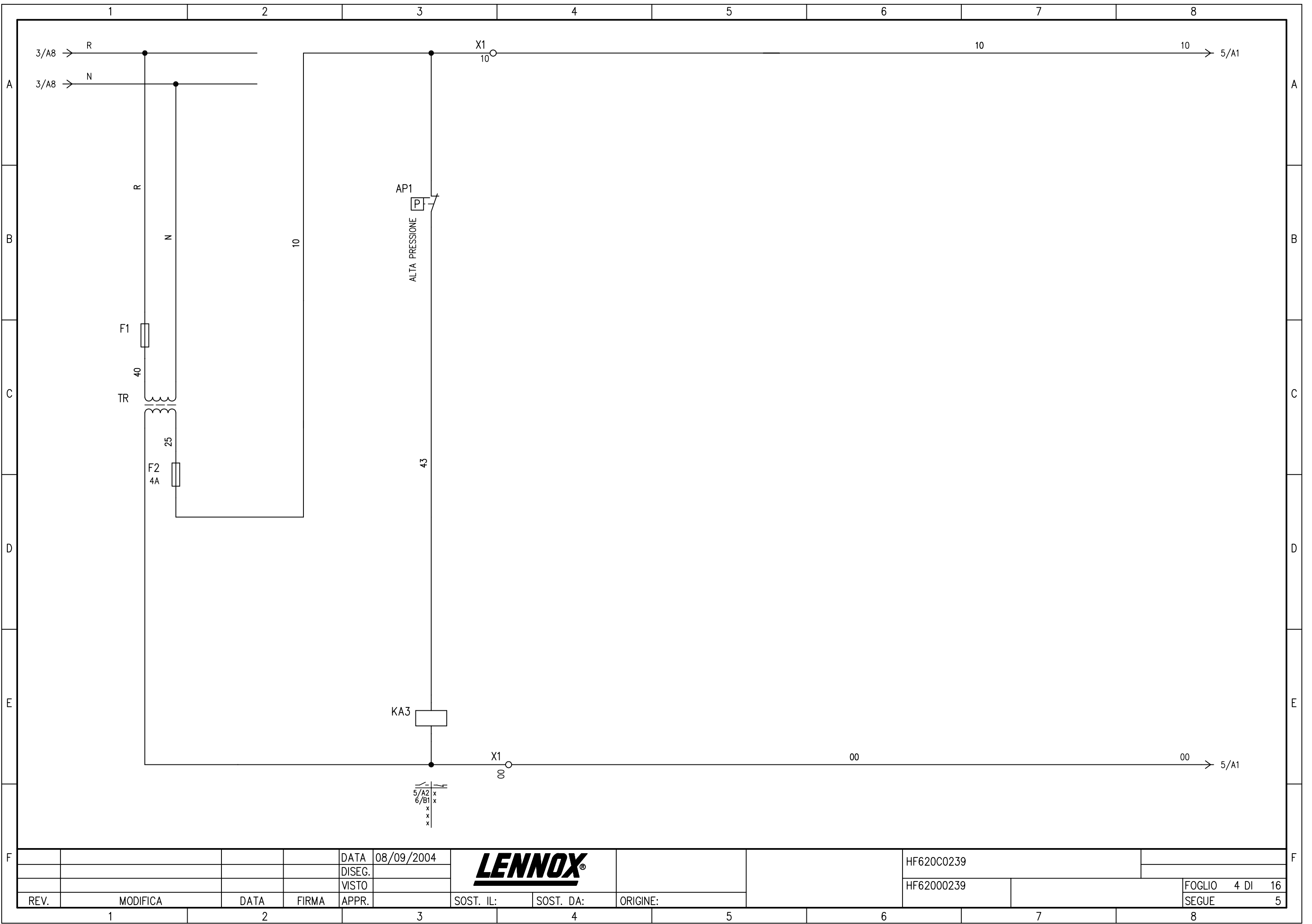
SEGUE 3



LIMITO DI FORNITURA  
 LIMIT OF EQUIPMENT  
 LIMITE D'EQUIPEMENT  
 LIEFERUNGRENZE  
 LIMITE DE SUMINISTRO

INTERNAL NOTE: PREDISPORRE I FILI

		DATA 08/09/2004		<b>LENNOX</b>		HF620C0239			
		DISEG.				HF62000239		FOGLIO 3 DI 16	
REV.	MODIFICA	DATA	FIRMA	APPR.	SOST. IL:	SOST. DA:	ORIGINE:	SEGUE 4	
1		2		3		4		7	8



DATA 08/09/2004



HF620C0239

DISEG.

VISTO

HF62000239

FOGLIO 4 DI 16

REV. MODIFICA DATA FIRMA APPR.

SOST. IL: SOST. DA: ORIGINE:

SEGUE 5

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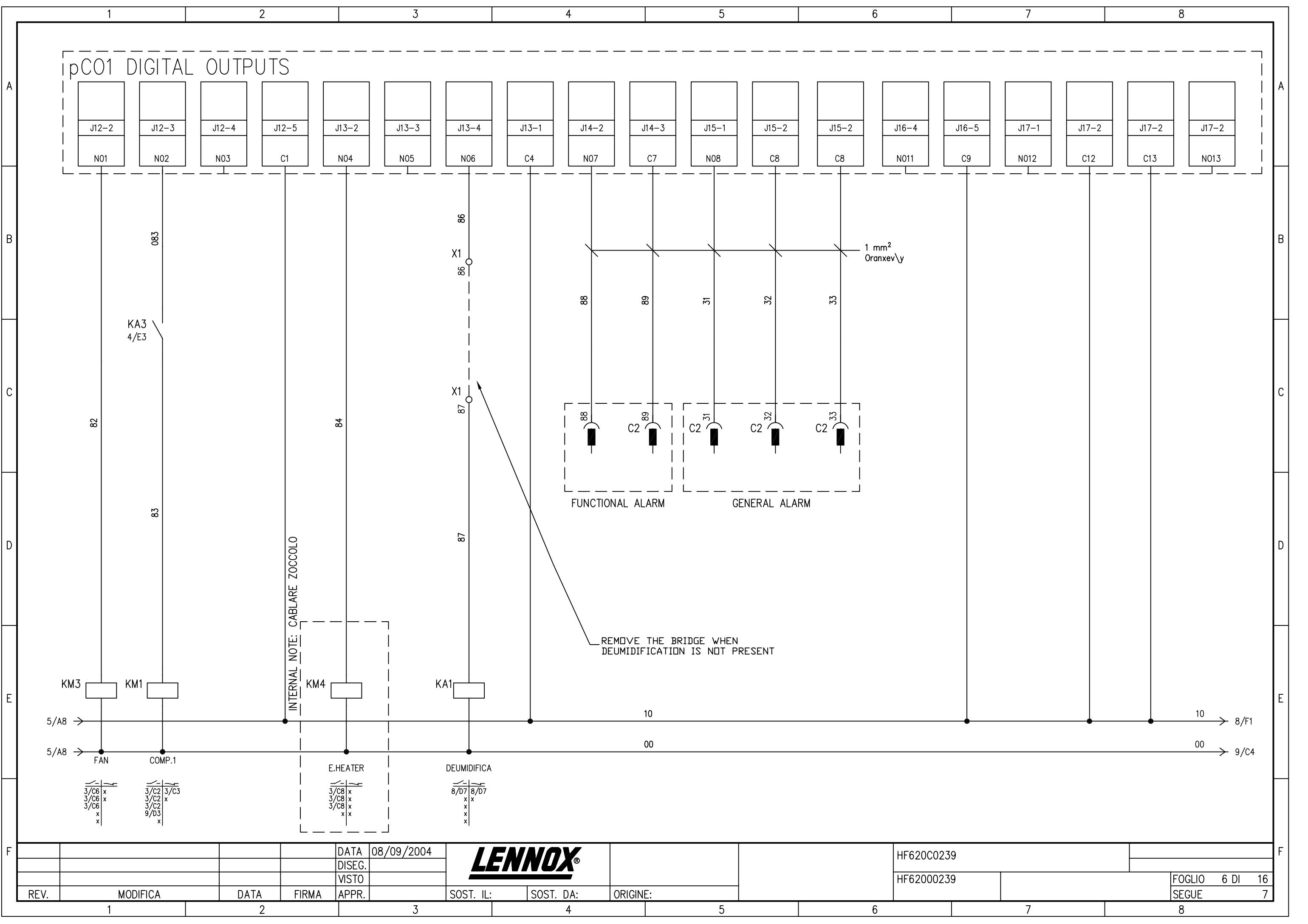
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8

F

F

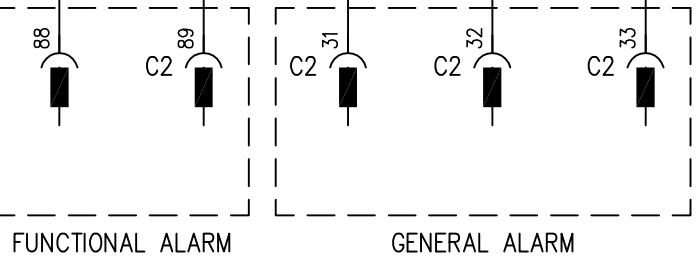




pCO1 DIGITAL OUTPUTS

J12-2	J12-3	J12-4	J12-5	J13-2	J13-3	J13-4	J13-1	J14-2	J14-3	J15-1	J15-2	J15-2	J16-4	J16-5	J17-1	J17-2	J17-2	J17-2
N01	N02	N03	C1	N04	N05	N06	C4	N07	C7	N08	C8	C8	N011	C9	N012	C12	C13	N013

INTERNAL NOTE: CABLARE ZOCCOLO

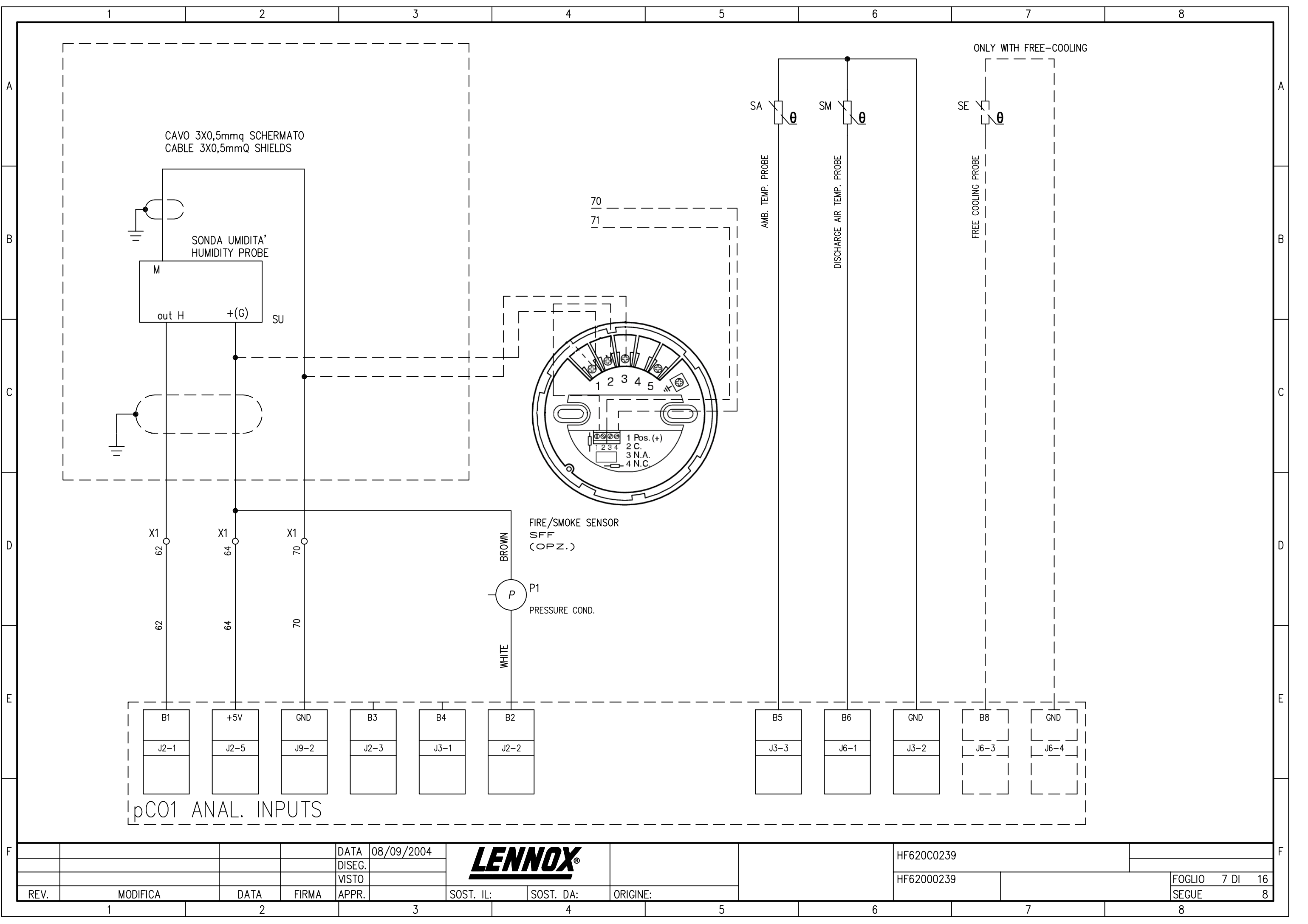


1 mm<sup>2</sup> Oranxev\y

REMOVE THE BRIDGE WHEN DEUMIDIFICATION IS NOT PRESENT

REV.	MODIFICA	DATA	FIRMA	APPR.	SOST. IL:	SOST. DA:	ORIGINE:	HF620C0239	HF62000239	FOGLIO 6 DI 16	7
1		08/09/2004								7	





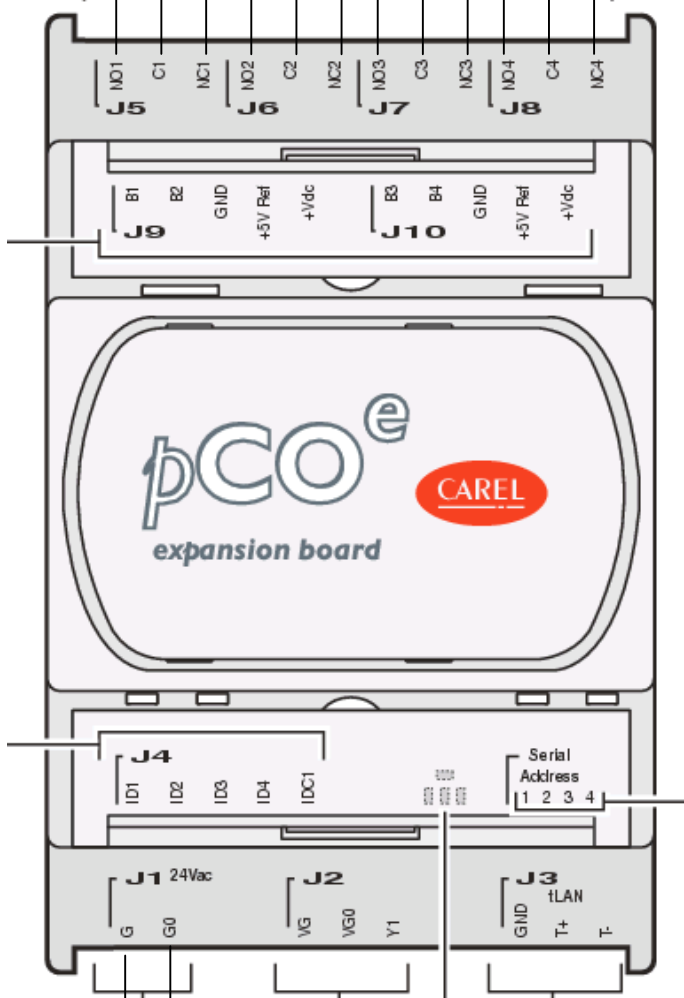
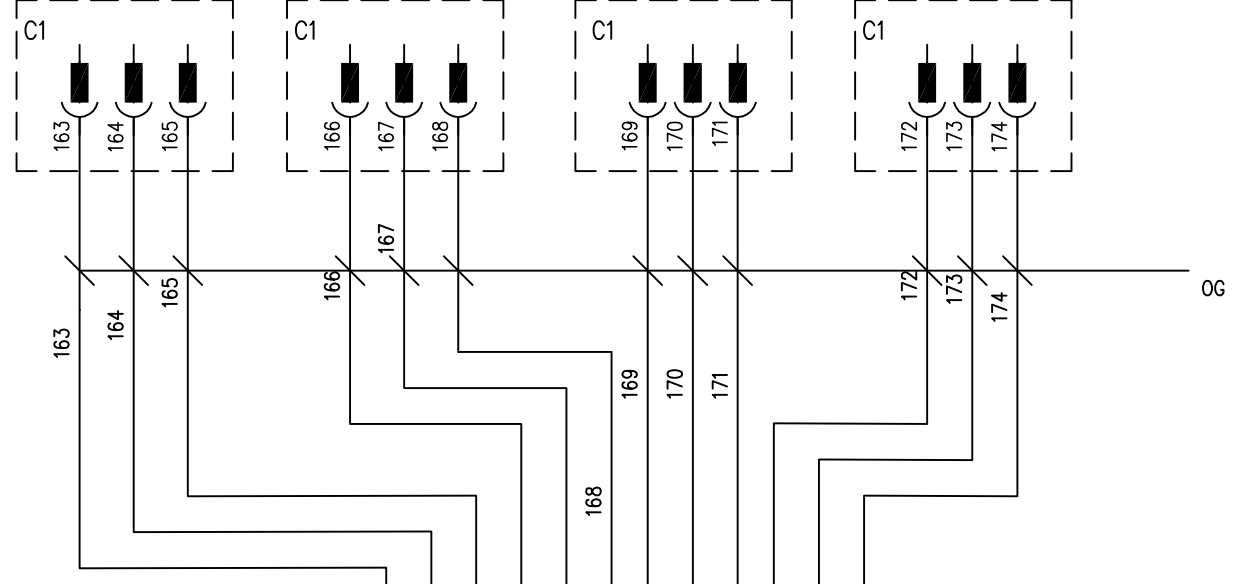
DATA	08/09/2004
DISEG.	
VISTO	
APPR.	



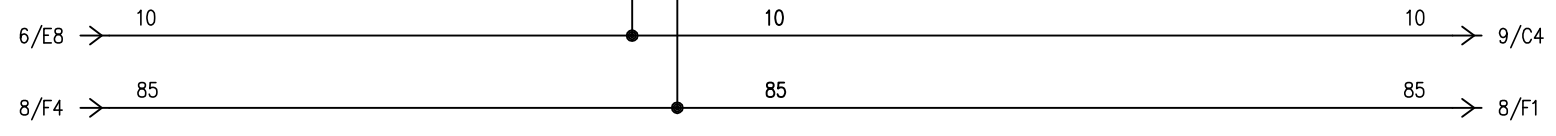
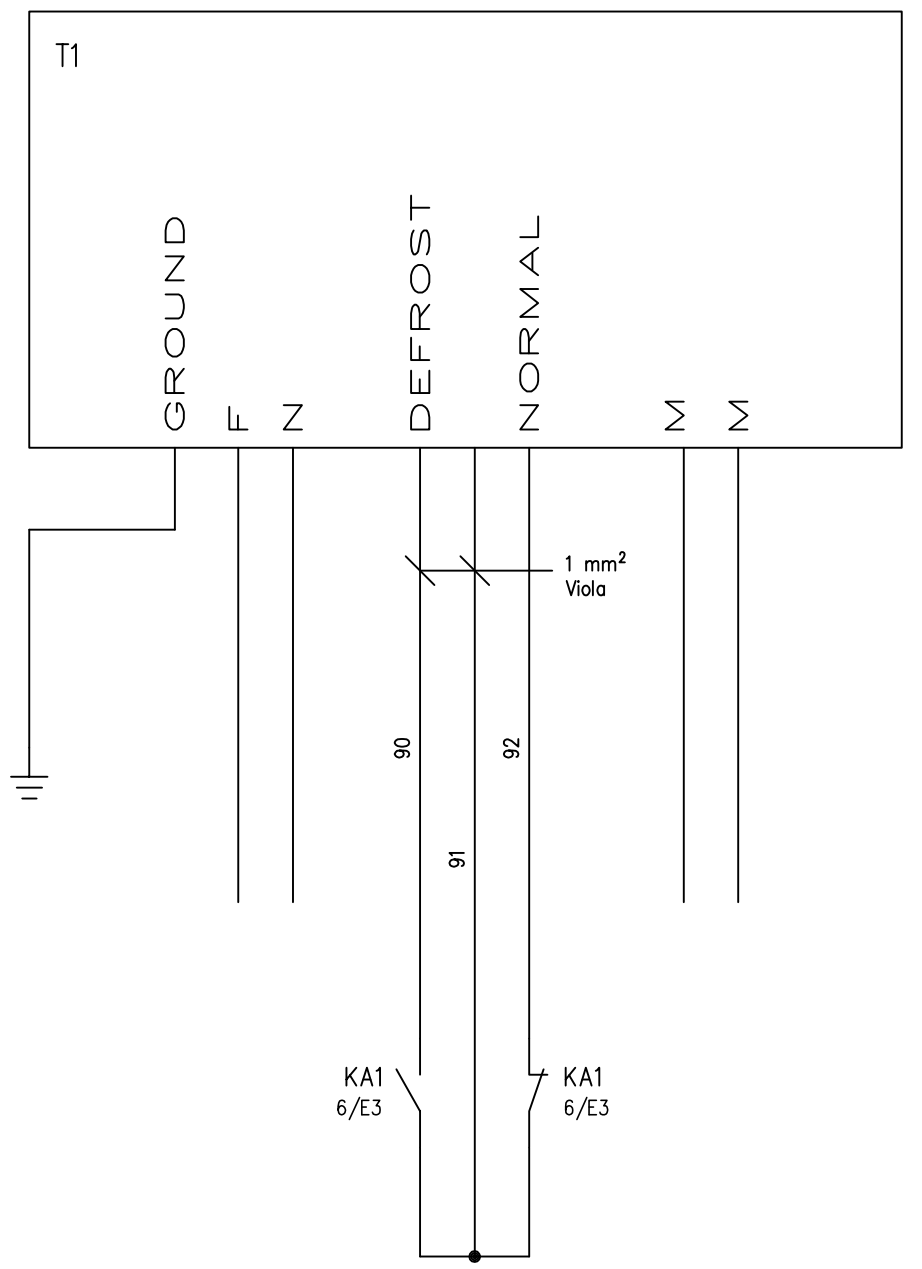
HF620C0239  
HF62000239

REV.	MODIFICA	DATA	FIRMA	SOST. IL:	SOST. DA:	ORIGINE:	FOGLIO 7 DI 16	SEGUE 8
1		2		3	4	5	6	7

AIR FLOW ALARM    LOW/HIGH TEMP.    LOW/HIGH HUMID.    LOW/HIGH PRESSURE



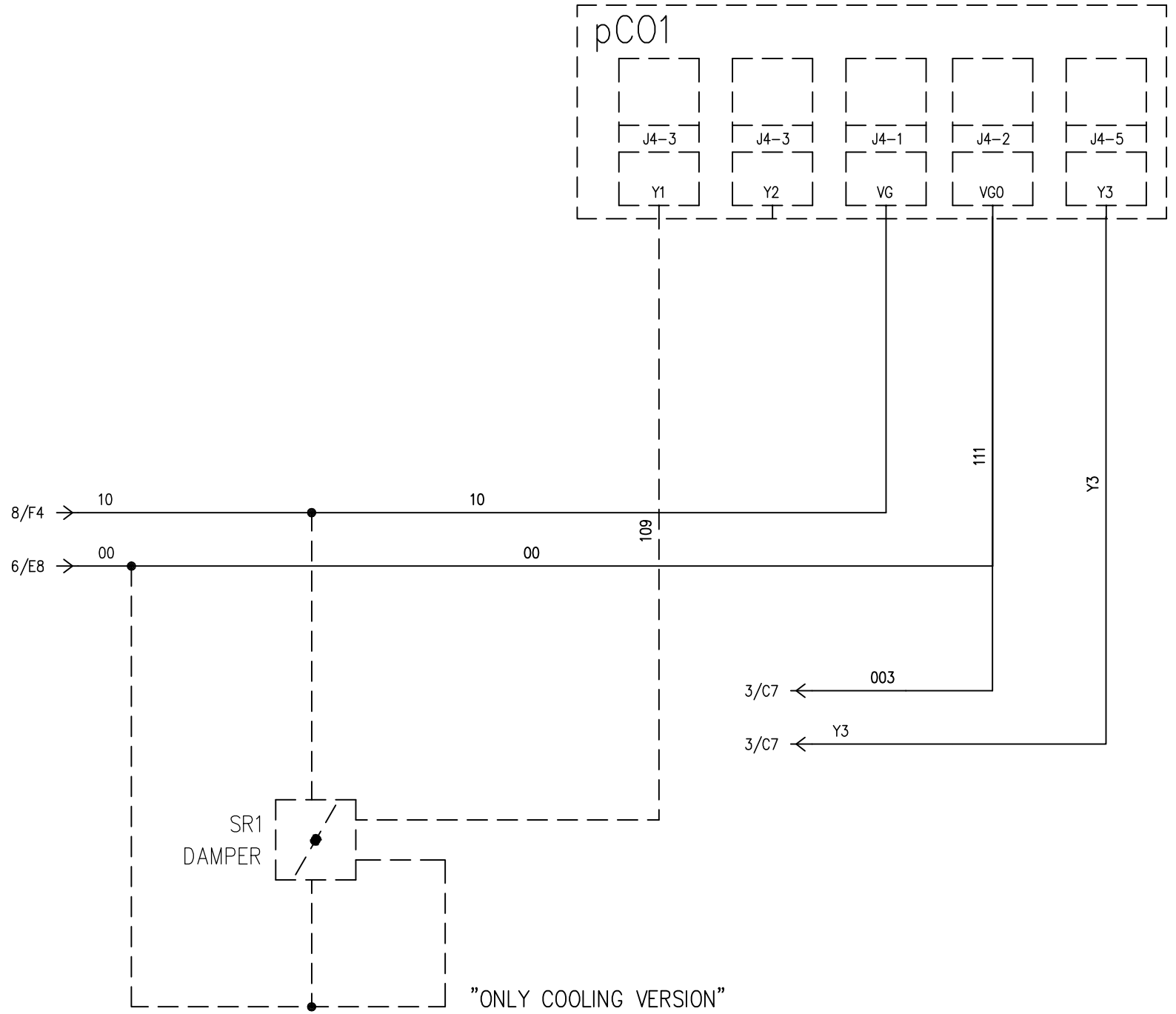
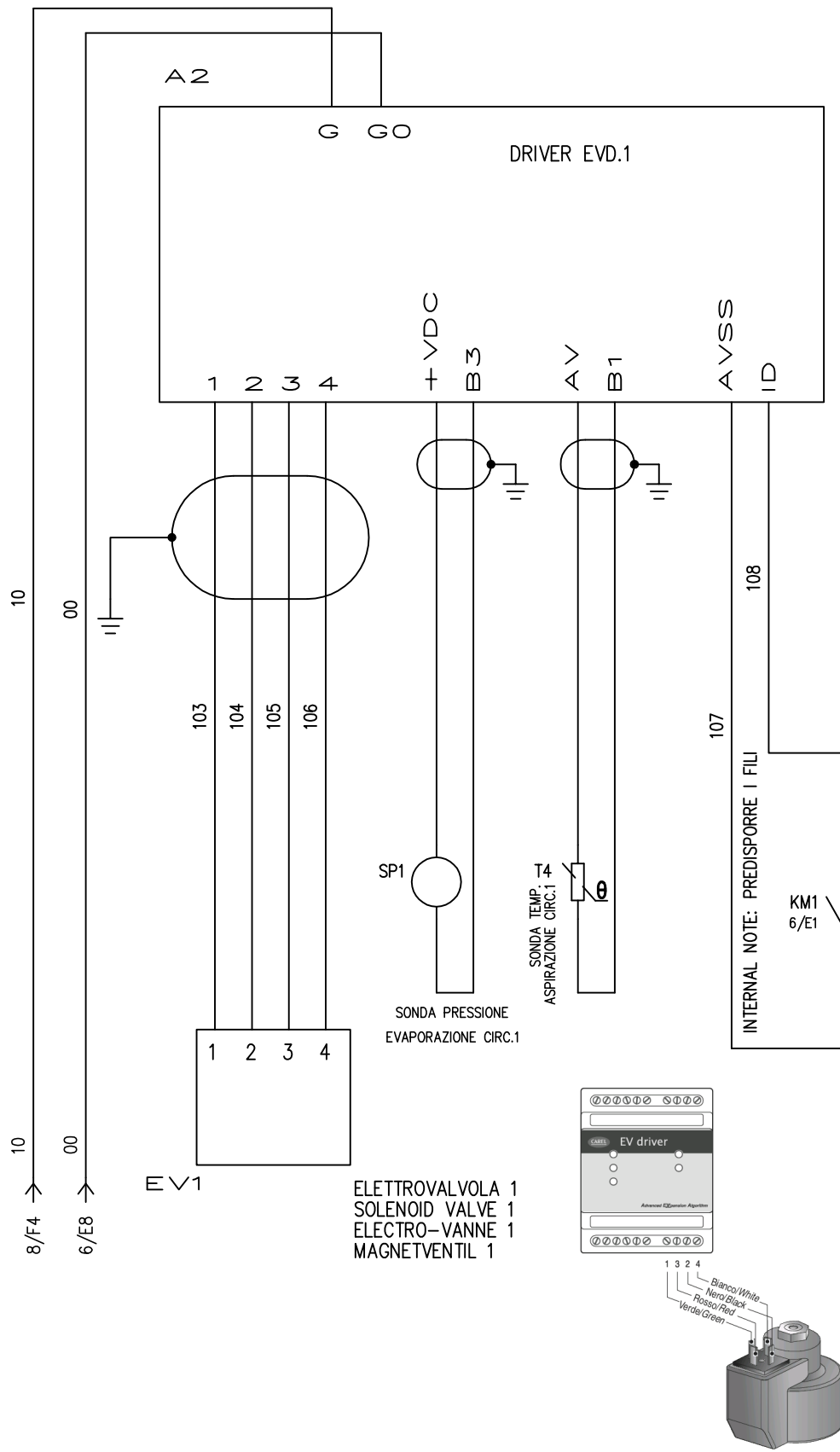
FANS SPEED CONTROL 1



		DATA 08/09/2004		<b>LENNOX</b>		HF620C0239			
		DISEG.				HF62000239		FOGLIO 8 DI 16	
REV.	MODIFICA	DATA	FIRMA	APPR.	SOST. IL:	SOST. DA:	ORIGINE:	SEGUE	9
1		2		3	4	5	6	7	8



INTERNAL NOTE: PREDISPORRE I FILI



DATA 08/09/2004

**LENNOX**

HF620C0239

HF62000239

FOGLIO 9 DI 16

SEGUE 10

REV.	MODIFICA	DATA	FIRMA	APPR.
1				

SOST. IL: SOST. DA: ORIGINE:

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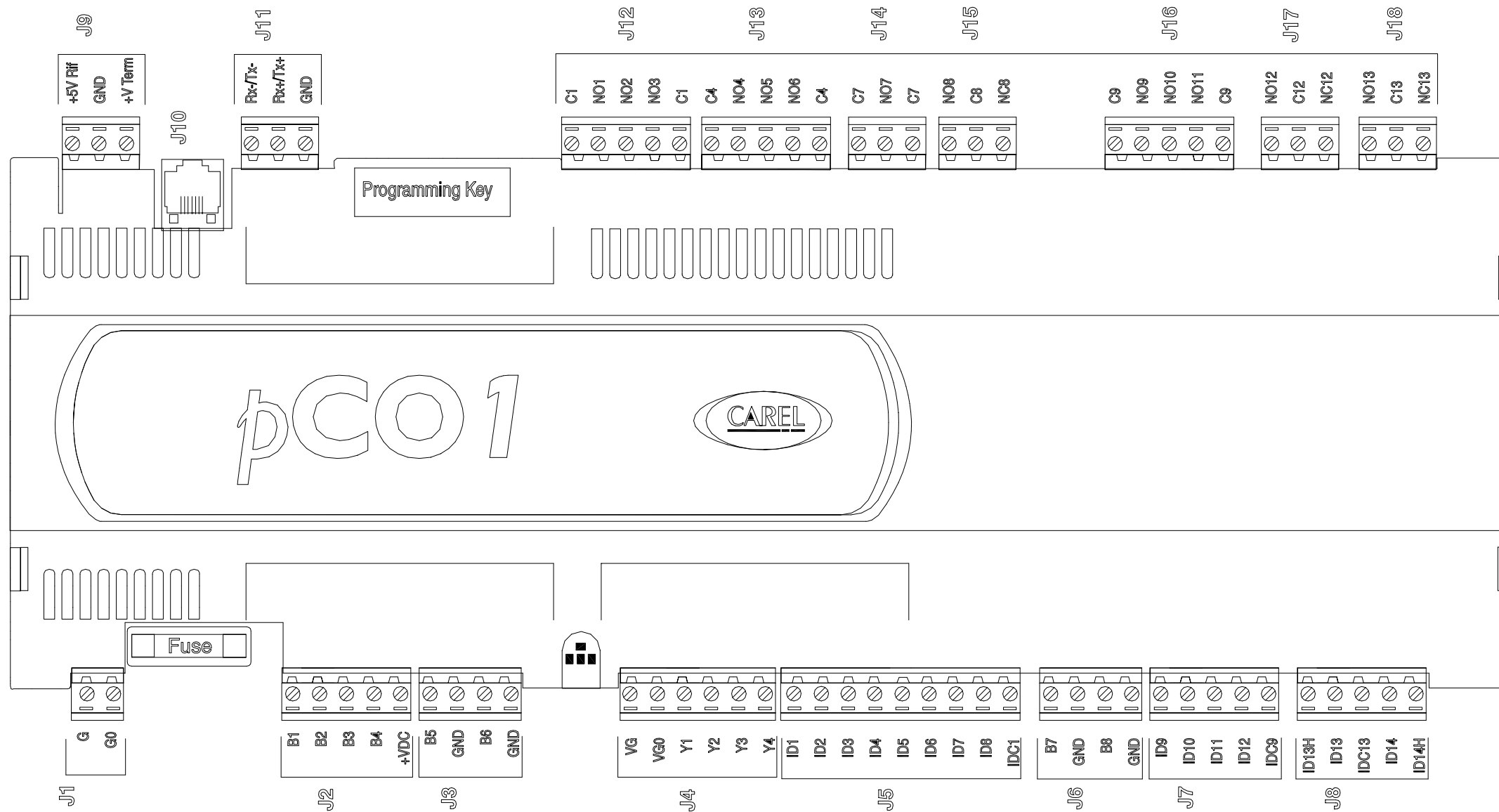




LAYOUT SCHEDA  
ELECTRONIC BOARD LAYOUT

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				



DATA 08/09/2004

DISEG.

VISTO



HF620C0239

HF62000239

FOGLIO 12 DI 16

SEGUE 13

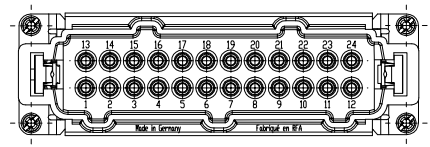
REV. MODIFICA DATA FIRMA APPR.

SOST. IL: SOST. DA: ORIGINE:

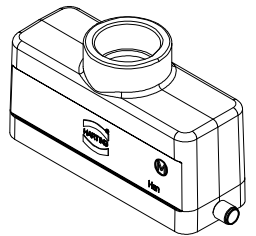
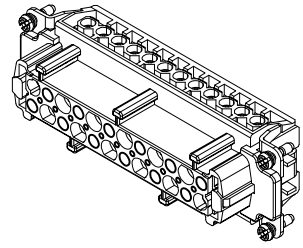
CONNECTIONS WITH ALARM OPTION

C2

Pin	Filo	Posizione
1	88	6/C4
2	89	6/C5
3	31	6/C5
4	32	6/C5
5	33	6/C6
6	163	8/A1
7	164	8/A1
8	165	8/A2
9	166	8/A2
10	167	8/A2
11	168	8/A2
12	169	8/A3
13	170	8/A3
14	171	8/A3
15	172	8/A4
16	173	8/A4
17	174	8/A4



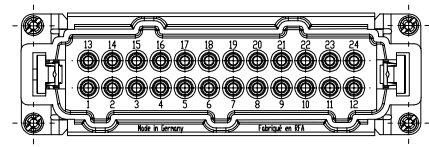
24 POLE FEMALE CONN.



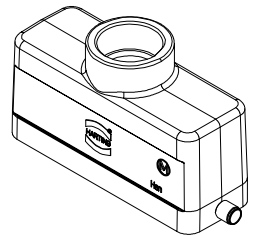
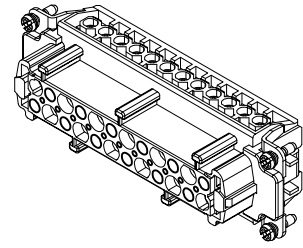
CONNECTIONS STD. ALARM

C2

Pin	Filo	Posizione
1	88	6/C4
2	89	6/C5
3	31	6/C5
4	32	6/C5
5	33	6/C6
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		



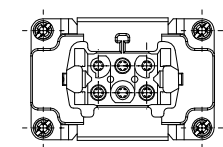
24 POLE FEMALE CONN.



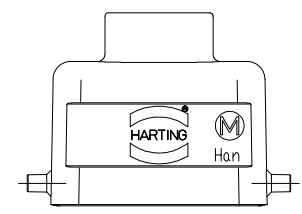
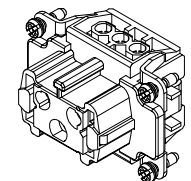
POWER SUPPLY CONNECTIONS

C1

Pin	Filo	Posizione
1	1	3/A1
2	2	3/A1



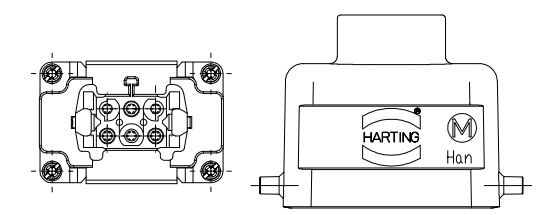
6 POLE FEMALE CONN.



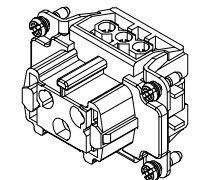
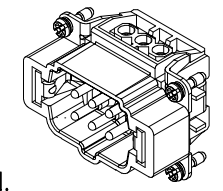
CONDENSER UNIT POWER S. CONNECTIONS

C3

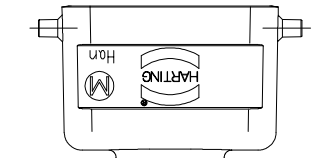
Pin	Filo	Posizione
1	7	3/D6
2	8	3/D6



6 POLE MALE CONN.



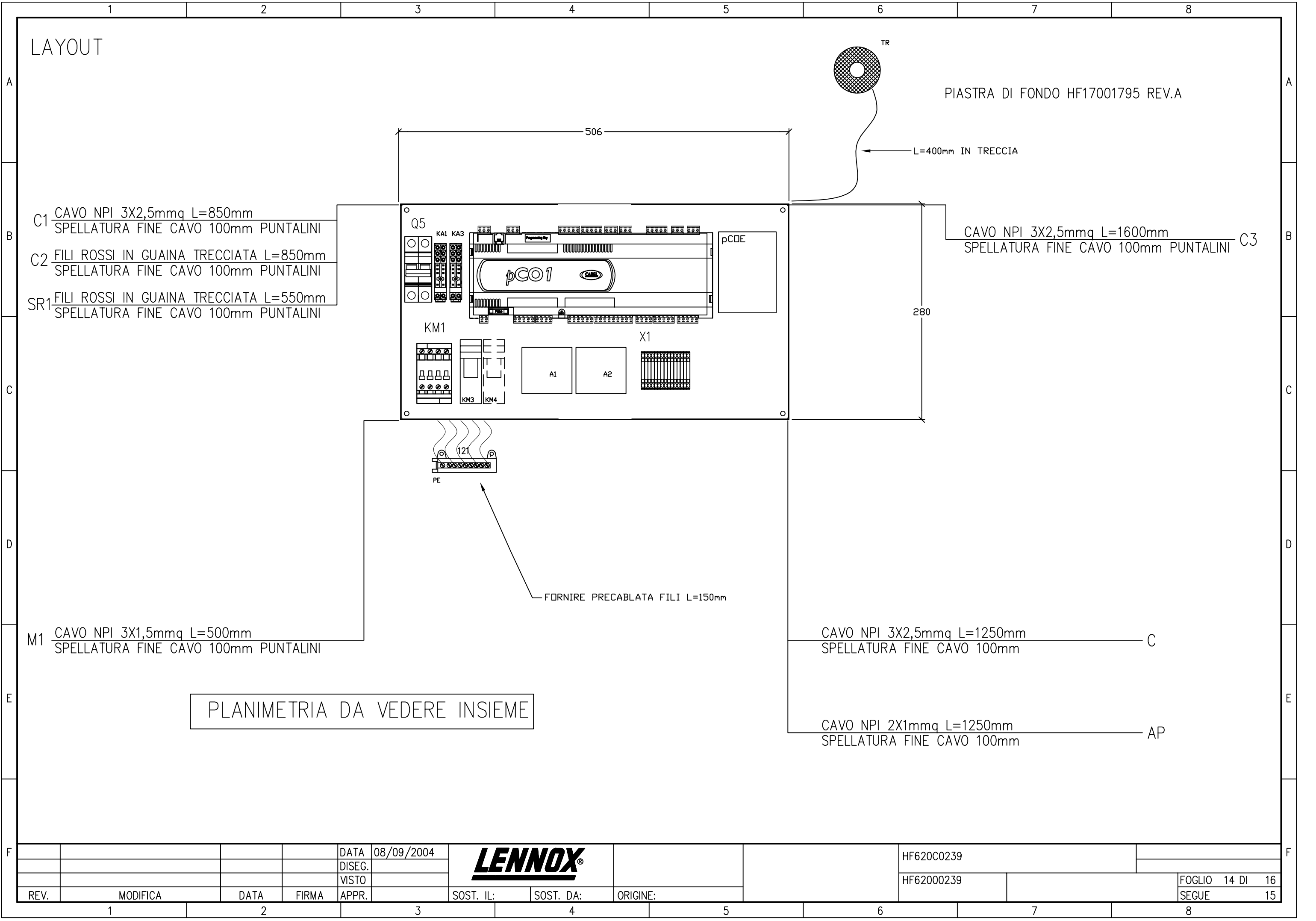
6 POLE FEMALE CONN.



CABLE FOR E.PANEL



# LAYOUT



C1 CAVO NPI 3X2,5mmq L=850mm  
SPELLATURA FINE CAVO 100mm PUNTALINI

C2 FILI ROSSI IN GUAINA TRECCIATA L=850mm  
SPELLATURA FINE CAVO 100mm PUNTALINI

SR1 FILI ROSSI IN GUAINA TRECCIATA L=550mm  
SPELLATURA FINE CAVO 100mm PUNTALINI

M1 CAVO NPI 3X1,5mmq L=500mm  
SPELLATURA FINE CAVO 100mm PUNTALINI

CAVO NPI 3X2,5mmq L=1600mm  
SPELLATURA FINE CAVO 100mm PUNTALINI C3

CAVO NPI 3X2,5mmq L=1250mm  
SPELLATURA FINE CAVO 100mm C

CAVO NPI 2X1mmq L=1250mm  
SPELLATURA FINE CAVO 100mm AP

PLANIMETRIA DA VEDERE INSIEME

DATA 08/09/2004

DISEG.

VISTO

APPR.



SOST. IL:

SOST. DA:

ORIGINE:

HF620C0239

HF62000239

FOGLIO 14 DI 16

SEGUE 15

REV.

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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	AP1	ALTA PRESSIONE				1		4/C02	A	
	BP	BASSA PRESS.				1		5/A06		
	C1	COMPRESSORE				1		3/E02		
B	EV1					1		7/B05	B	
	EV2					1		7/B05		
	F1/F2		4AF		FUSIBILE 5X20	1	PCE	3/D08		
	KA1	RELE' DEUM.		40528024		1		4/E02		
C	KA3	RELE' ALTA PRESSIONE		40528024		1		4/E02	C	
	KM1	COMP.		LS0710-55/51596	TEL .AEG LS07.10 24V/DILEEM-10	1	PCE	4/E04		
	KM3	VENT. EVAP.	FINDER	5532024		1	PCE	4/E07		
D	KM4	RISC. 1 STEP	FINDER	5532024	SOLO ZOCCOLO	1	PCE	6/B03	D	
E										E
F			DATA	08/09/2004	<b>LENNOX®</b>		HF620C0239			F
			DISEG.				HF62000239			
			VISTO						FOGLIO 15 DI 16	
REV.	MODIFICA	DATA	FIRMA	APPR.	SOST. IL:	SOST. DA:	ORIGINE:			SEGUE 16
1	2	3	4	5	6	7	8			

1	2	3	4	5	6	7	8	
060-080	Ref-mark	Function	Technical data	Item code	Description	Amount	M.U.	Position
	M1	VENT. EVAP.				1		3/E05
	Q2	INT.GEN.		E92C16/242880	INT.AUT.Elfa E90 3P C 6A 6kA /PLS6-C6/3	1	PCE	3/B04
	R1	RISCALDAMENTO ELETTRIC.				1		3/E04
	SA	SONDA AMBIENTE				1		6/B05
	TR2		100VA		CON FUS. A BORDO	1		3/C07



				DATA 08/09/2004	<b>LENNOX®</b>			HF620C0239	
				DISEG.				HF62000239	
REV.	MODIFICA	DATA	FIRMA	APPR.		SOST. IL:	SOST. DA:	ORIGINE:	
1	2	3	4	5	6	7	8		