



**CARATTERISTICHE ELETTRICHE  
ELECTRIC CHARACTERISTIC**

|                         |                           |
|-------------------------|---------------------------|
| SERIES                  | DHCU/DC080...230.....PC01 |
| MODEL                   | 080-230<br>400V+N         |
| ELECTRIC CHARACTERISTIC |                           |

| Revisione | Foglio | Oggetto            | Data       | Responsabile |
|-----------|--------|--------------------|------------|--------------|
| A         | 1      | REVISIONE GENERALE | 18/03/2005 | POLDO        |
| B         | 1      | MODIFICARE USCITE  | 26/07/2005 | POLDO        |
| C         | 1      | REVISIONE GENERALE | 30/08/2005 | POLDO        |

**CW VERSION**

| F                    | P totale (kW) | I nominale (A) | I massima (A) | I spunto (A) | TENSIONE        |
|----------------------|---------------|----------------|---------------|--------------|-----------------|
|                      |               |                |               |              |                 |
| <b>F+U</b>           |               |                |               |              |                 |
| 080UCW               | 2,6           | 5,7            | 6,7           | /            | 400V/3PH+N/50HZ |
| 110UCW               | 2,9           | 8,0            | 10,2          | /            | 400V/3PH+N/50HZ |
| 140UCW               | 2,9           | 8,0            | 10,2          | /            | 400V/3PH+N/50HZ |
| 160UCW               | 3,2           | 8,7            | 13,7          | /            | 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 |
| <b>F+G</b>           |               |                |               |              |                 |
| <b>P totale (kW)</b> |               |                |               |              |                 |
| 080UCW               | 2,6           | 5,7            | 6,7           | /            | 230V/1PH/50HZ   |
| 110UCW               | 2,9           | 8,0            | 10,2          | /            | 230V/1PH/50HZ   |
| 140UCW               | 4,6           | 22,2           | 24,4          | /            | 230V/1PH/50HZ   |
| 160UCW               | 4,6           | 22,2           | 24,4          | /            | 230V/1PH/50HZ   |
| 200UCW               | 4,9           | 22,9           | 27,9          | /            | 230V/1PH/50HZ   |
| 230UCW               | 4,9           | 22,9           | 27,9          | /            | 230V/1PH/50HZ   |
| <b>F+C+U</b>         |               |                |               |              |                 |
| <b>P totale (kW)</b> |               |                |               |              |                 |
| 080UCW               | 9,6           | 26,6           | 28,7          | /            | 400V/3PH+N/50HZ |
| 110UCW               | 9,6           | 26,6           | 28,7          | /            | 400V/3PH+N/50HZ |
| 140UCW               | 11,9          | 36,7           | 38,9          | /            | 400V/3PH+N/50HZ |
| 160UCW               | 11,9          | 36,7           | 38,9          | /            | 400V/3PH+N/50HZ |
| 200UCW               | 12,2          | 37,4           | 42,4          | /            | 400V/3PH+N/50HZ |
| 230UCW               | 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

| REV. | REVISIONE GENERALE | DATE       | SIGN. | APPR. M.M.      | REPLACE | REPLACE | ORIGIN |
|------|--------------------|------------|-------|-----------------|---------|---------|--------|
| A    | REVISIONE GENERALE | 18/03/2005 | POLDO | DATE 30/08/2005 |         |         |        |
| B    | MODIFICARE USCITE  | 26/07/2005 | POLDO | DATE 30/08/2005 |         |         |        |
| C    | REVISIONE GENERALE | 30/08/2005 | POLDO | CHECK POLDO     |         |         |        |
| F    | MODIFICAZIONI      |            |       |                 |         |         |        |



HF620C0223

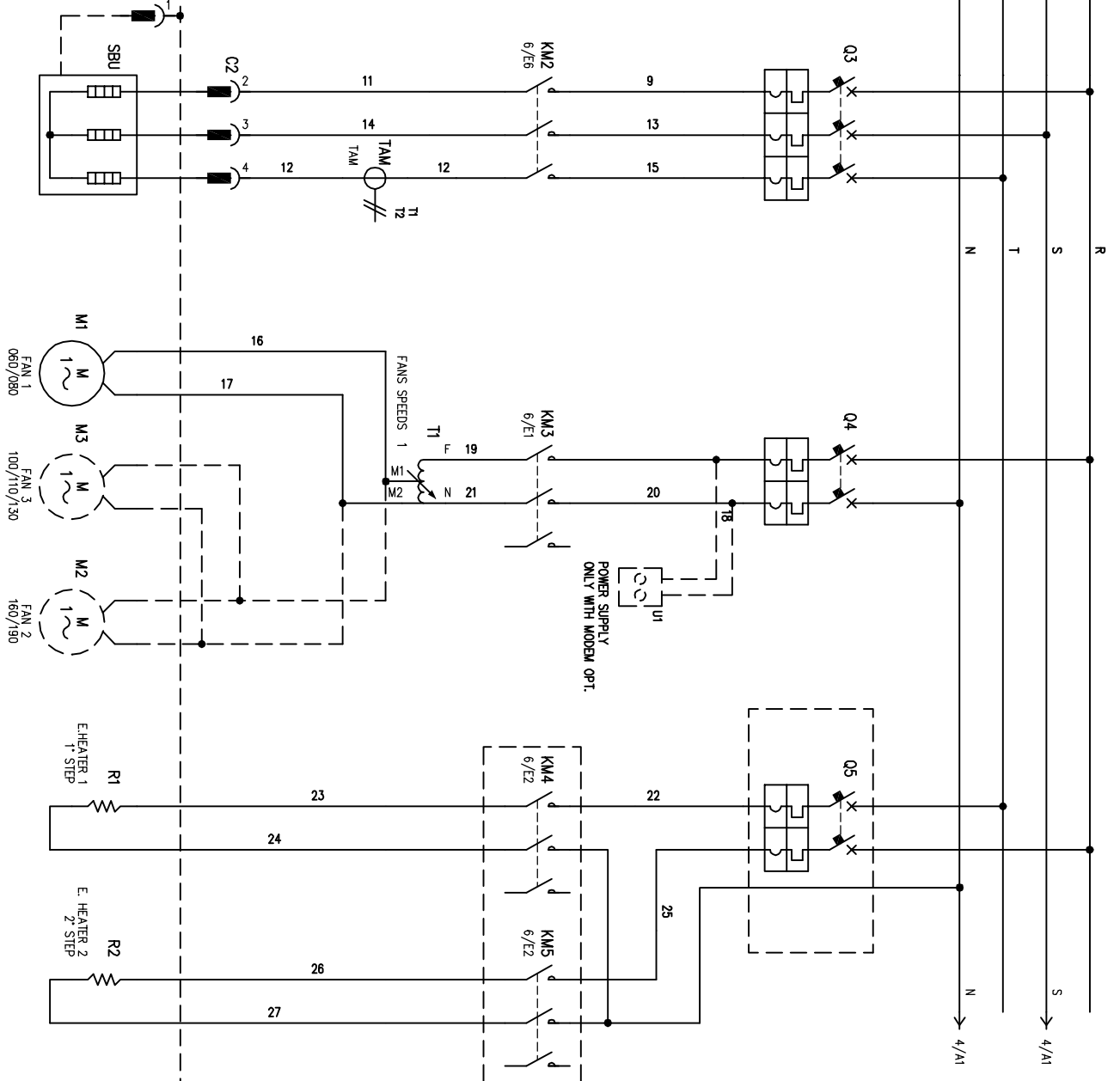
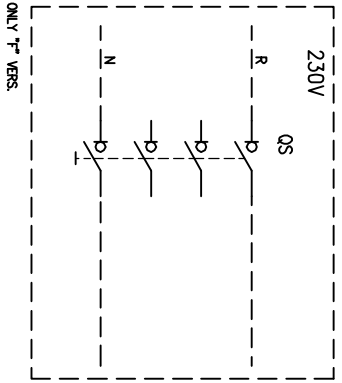
|          |         |
|----------|---------|
| SHEET    | 1 OF 24 |
| CONTINUE | 2       |

| 1     | 2  | 3    | 4     | 5  | 6    | 7     | 8  |
|-------|--|------|-------|--|------|-------|--|
| SIGN. | Descriptions   | Note | SIGN. | Descriptions   | Note | SIGN. | Descriptions   |
| API   | PRESSOSTATO DI ALTA PRESSIONE. L'UNITA' PRESSOSTATICA HA UN PRESSOSTATO PER ALTA PRESSIONE PRESSOSTATO DE ALTA       |      | RSF   | RELE SEQUENZA FASE PHASE SEQUENCE CONTROL RELAY RELIENS DE SÉQUENCE DE PHASE DÉTAGÉ SÉRIELRELS FÜR PHASEFOLGE RELE CONTROL SEQUENCIA FASES                                     |      | 01    | INTER. RSF SWITCH RSF INTER. RSF AUTOMATISCHER RSF INTER. RSF  |
| KA3   | RELE ALTA HI-PRESSURE RELAYS RELAYS HAUTE PRESSION RELE DE ALTA  |      | SRI   | SERRANDA DAMPER REGISTERE MOTORISIERTE COMPUERTA   |      | 02    | INTER. COMPRESSORI SWITCH COMPRESSORS INTER. COMP. AUTOMATISCHER KOMP. INTER. COMP.                                    |
| KA1   | CONTATTORI COMPRESSORE COMPRESSOR CONTACTORS CONTACTEUR COMPRESSEUR SCHUTZ VENTILCHTER CONTACTOR DEL VENTILADOR      |      | FSI   | PRESSOSTATO FLUSSO ARIA AIR FLOW PRESSURE SWITCH PRESSOST. DÉGAGEMENT DE FILTRE DRUCKSCHALTER NIEDERDRUCK PRESSOSTATO DE BAJA  |      | 04    | INTER. UMIDIFICATORE SWITCH HUMIDIFIC. AUTOMATISCHER BEFEUCHTER INTER. HUMIDIF.  |
| KA3   | CONTATTORI UMIDIFICATORE HUMIDIFIER CONT. CONT. HUMIDIFICATEUR BEFEUCHTER VERSORGUNG CONT. HUMIDIFICADOR             |      | TP1   | TERMOSTATO SICUREZZA RISCALDAMENTO HEATING SAFETY THERMOSTAT THERMOSTAT DE SECURITE' CHAUFFAGE THERMOSTAT DE SEGURIDAD DE LAS RESISTENCIAS                                     |      | 05    | INTER. VENTILATORI SWITCH FANS INTER. VENT. AUTOMATISCHER VENT. INTER. VENT.   |
| KA4   | CONTATTORI MOTOVENTILATORE FAN MOTOR CONTACTOR CONTACTEUR VENTILATEUR VENTILATOR SCHUTZ CONTACTOR DEL MOTOVENTILADOR |      | P1    | PRESIONE CONDENSAZIONE CONDENSING PRESSION SENSOR SONDE DU PRESSION DE CONDENSATION KONDENSATIONSDRUCK-FUEHLER SONDA PRESSION CONDENSACION                                     |      | 06    | INTER. RISCALDAMENTO ELETTRICO SWITCH E HEATERS INTER. CHAUFFAGE ELET. AUTOMATISCHER ELEKTRISCHIZUNG INTER. RES.       |
| KA5   | RISCALDAMENTO ELETTRICO EL. HEATERS  |      | SA    | TEMPERATURA AMBIENTE INTERNO SHELTER INTERNAL AIR TEMPERATURE SENSOR SONDE TEMPERATURE D'AIR INTERIEUR AUSSERER LUFTTEMP. -FUEHLER SONDA DE TEMPERATURA DE LA DESCARGA DE AIRE |      | 07    | INTER. AUSILIARI SWITCH AUX INTER. AUS. AUTOMATISCHER AUX INTER. AUS.  |
| KA6   | CHAUFFAGE ELECTRIQUE ELETR. HEIZUNG RESISTENCIAS ELÉCTRICAS  |      | SM    | TEMPERATURA ARIA IN MANDATA DISCHARGE AIR TEMPERATURE SONDE DE TEMPERATURE LUFT TEMPERATURE TEM. DE LA DISCARSA DE AIRE  |      | RC1   | RESISTENZE CARTERS GRANOCASE HEATERS RESISTANCE DE CARTER KUEBEL WÄNNENHEINZUNG RESISTENCIAS DE CARTER                 |
| C1    | COMPRESSORE COMPRESSOR COMPRESSEUR COMPRESSEUR COMPRESOR   |      | SE    | TEMPERATURA ARIA ESTERNA OUTDOOR AIR SENSOR SONDE D'AIR EXTERNE AUSSENLUFTFUEHLER SONDA DE AIRE EXTERNA  |      | Y1    | SOLENOIDI LIQUIDO FREON SOLENOID VALVE ELECTROVANNE FREON MAGNETVENTIL-KAELTEMITTEL ELECTROVALVULA FREON               |
| C2    | COMPRESSOR COMPRESSEUR COMPRESOR   |      | BP1   | PRESSOSTATO DI BASSA LOW PRESSURE P-STAT PRESSOSTAT BASSE PRESSION DRUCKSCHALTER NIEDERDRUCK PRESSOSTATO DE BAJA   |      | Y2    | TERNICHE VENTILATORI TERNAL PROTECTIONS FANS TERNICHE VENTILATORI TERNICHE VENTILATORI                                 |
| TR    | TRASFORMATORE TRANSFORMER TRANSFORMATEUR TRANSFORMATOR TRANSFORMADOR   |      | K1    | REGOLATORE DI VELOCITA' SPEED CONTROLLER REGULATEUR DE VITESSE VENTILATOR/DREHZAHLREGLER REGULADOR VELOCIDAD   |      | Y4    | CARGO ACQUA UMID. HUMIDIFIER FEED VALVE ELECTROVANNE D'ALUM. DE HUMID. VALVULA ALUM. HUMIDIF.                          |
| QS    | INTERUTTORE GENERALE MAIN SWITCH INTERRUPTEUR GENERAL HAUPTSCHALTER INTERRUPTOR GENERAL                              |      | FS2   | PRESSOSTATO FILTRI SPORCHI CLOGGED FILTER PRESSURE SWITCH PRESSOSTAT D'ENGASSAMENTO DE FILTRE DRUCKSCHALTER, FILTERVERSCHMUTZUNG PRESSOSTATO FILTROS SUCIOS                    |      | Y5    | SCARICO ACQUA UMID. HUMIDIFER DRAIN VALVE ELECTR. DE DRAINAGE DE HUMID. BEFEUCHTER ENTFLUEHLUNG VALVULA DESAGUE HUMID. |
| M1    | MOTOVENTILATORE EVAPORANTE EVAP. FAN MOTOR   |      | R1    | RISCALDAMENTO ELETTRICO EL. HEATERS  |      | SU    | SONDA UMIDITA' HUMIDITY PROBE HYGRALMETRE FUEHLER LUFTFEUCHTHEITMESSUNG SONDE DE HUMEDAD                               |
| M2    | MOTORE VENTILATEUR DE EVAP. EVAP.-LEFTER   |      | R2    | CHAUFFAGE ELECTRIQUE ELETR. HEIZUNG RESISTENCIAS ELÉCTRICAS  |      |       |  |
| M3    | MOTOVENTILADOR EVAPORADORA   |      |       |  |      |       |  |
| GN1   | COND. DI RIFASAMENTO POWER FACT. CORRECTION COND. CORRECT. COS. PHI COND. KORR. COS. PHI COND. DE COMP. DE FASES     |      |       |  |      |       |  |

|      |               |            |       |            |         |         |         |            |               |
|------|---------------|------------|-------|------------|---------|---------|---------|------------|---------------|
| REV. | MODIFICATIONS | DATE       | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | HF620C0223 | SHEET 2 OF 24 |
| 1    |               |            |       |            |         |         |         |            | CONTINUE      |
|      |               | 30/08/2005 |       |            |         |         |         |            |               |
|      |               |            |       |            |         |         |         |            |               |
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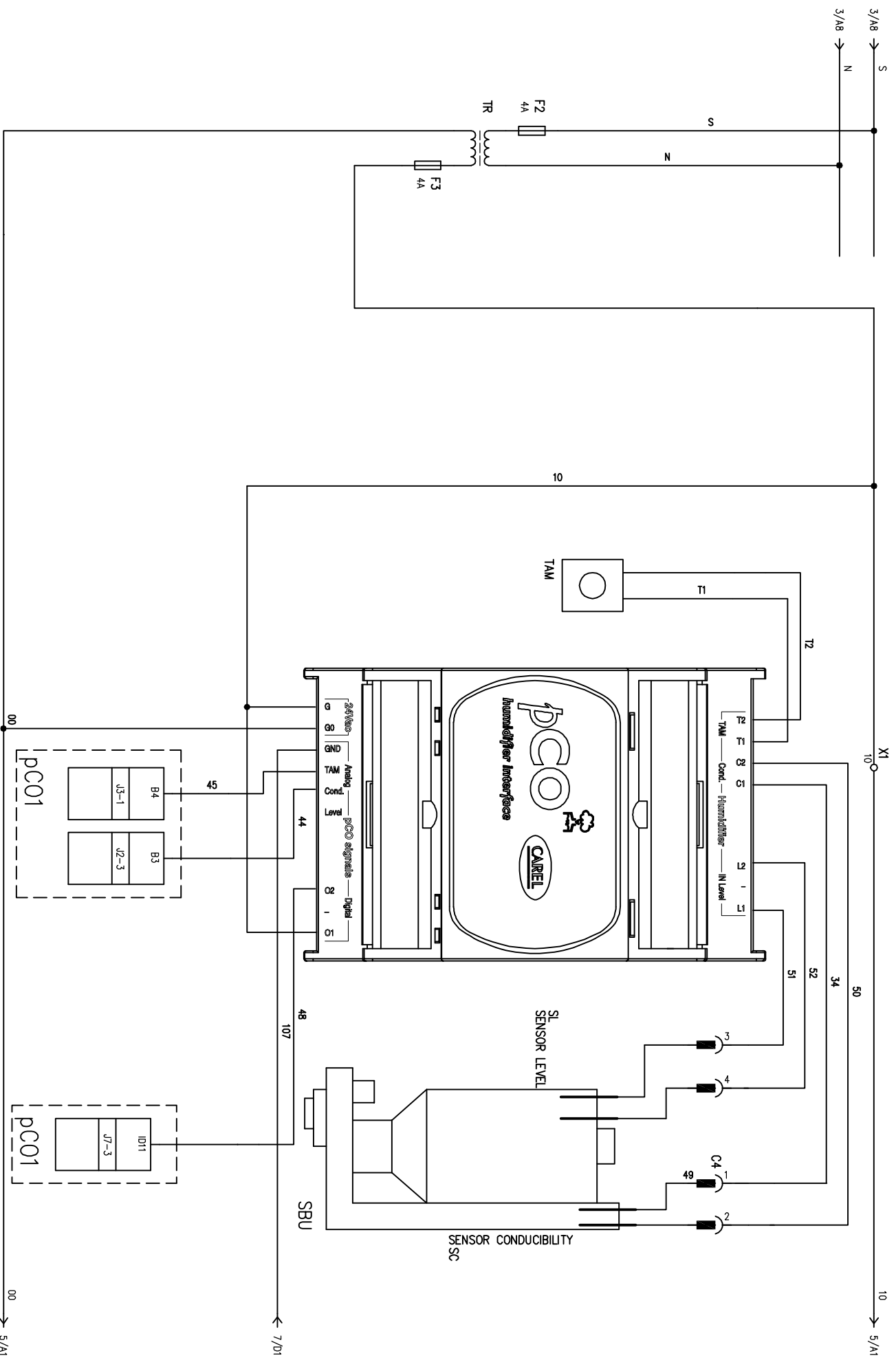
LIMITE DI FORNITURA  
 LIMIT OF EQUIPMENT  
 LIMITE D'EQUIPEMENT  
 LIEFERGRENZE  
 LIMITE DE SUMINISTRO



|      |               |      |       |            |         |         |         |      |            |              |              |
|------|---------------|------|-------|------------|---------|---------|---------|------|------------|--------------|--------------|
| REV. | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | DATE | 30/08/2005 | DRAM. POLIDO | CHECK POLIDO |
| 1    |               |      |       |            |         |         | LENNOX  |      |            |              |              |
| 2    |               |      |       |            |         |         |         |      |            |              |              |
| 3    |               |      |       |            |         |         |         |      |            |              |              |
| 4    |               |      |       |            |         |         |         |      |            |              |              |
| 5    |               |      |       |            |         |         |         |      |            |              |              |
| 6    |               |      |       |            |         |         |         |      |            |              |              |
| 7    |               |      |       |            |         |         |         |      |            |              |              |
| 8    |               |      |       |            |         |         |         |      |            |              |              |

LENNOX

HF620C0223



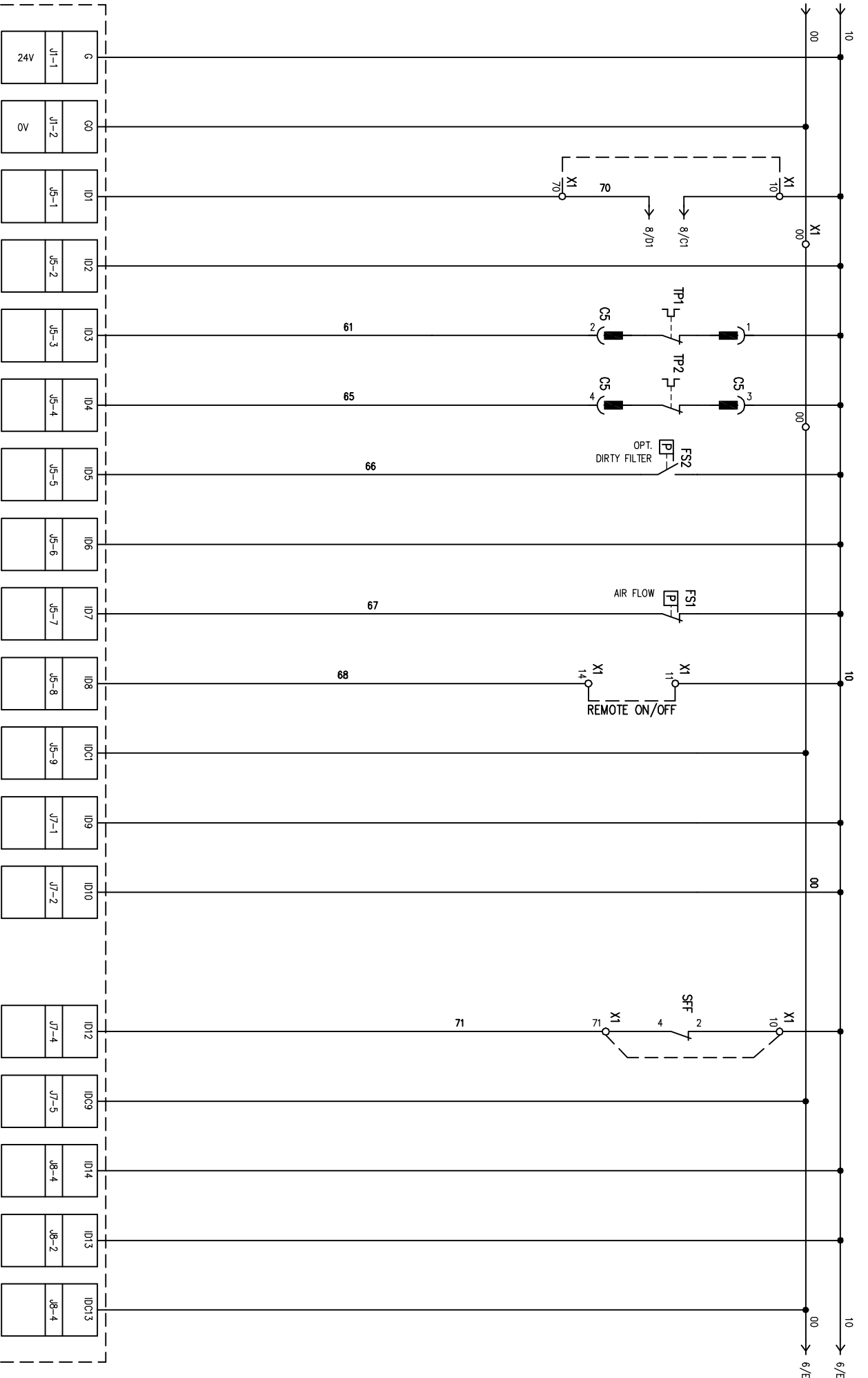
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|------|---------------|------------|-------|-------|------|---------|---------|---------|--------|------------|---------------|
| REV. | MODIFICATIONS | DATE       | SIGN. | APPR. | M.M. | REPLACE | REPLACE | ORIGIN: | LENNOX | HF620C0223 | SHEET 4 OF 24 |
| 1    |               |            |       |       |      |         |         |         |        |            | CONTINUE      |
| 2    |               |            |       |       |      |         |         |         |        |            |               |
| 3    |               | 30/08/2005 |       |       |      |         |         |         |        |            |               |
| 4    |               |            |       |       |      |         |         |         |        |            |               |
| 5    |               |            |       |       |      |         |         |         |        |            |               |
| 6    |               |            |       |       |      |         |         |         |        |            |               |
| 7    |               |            |       |       |      |         |         |         |        |            |               |
| 8    |               |            |       |       |      |         |         |         |        |            |               |

00 → 5/A1

← 7/01

10 → 5/A1

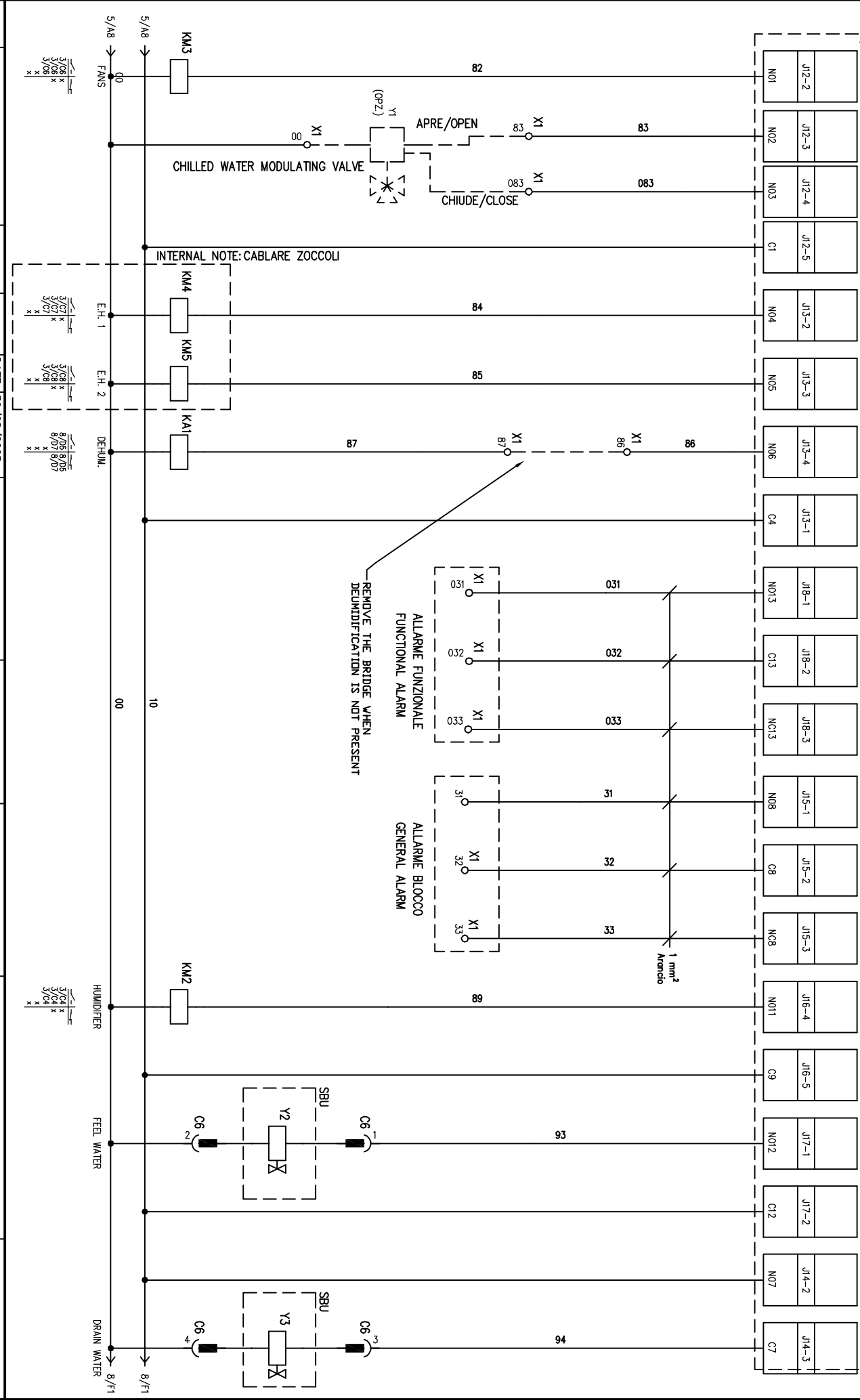
PC01 BOARD DIGITAL INPUTS



|      |               |      |       |      |            |      |              |              |            |         |         |         |            |               |
|------|---------------|------|-------|------|------------|------|--------------|--------------|------------|---------|---------|---------|------------|---------------|
| REV. | MODIFICATIONS | DATE | SIGN. | DATE | 30/08/2005 | DATE | DRAM. POLIDO | CHECK POLIDO | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | HF620C0223 | SHEET 5 OF 24 |
| 1    |               |      |       |      |            |      |              |              |            |         |         |         |            | CONTINUE      |
| 2    |               |      |       |      |            |      |              |              |            |         |         |         |            |               |
| 3    |               |      |       |      |            |      |              |              |            |         |         |         |            |               |
| 4    |               |      |       |      |            |      |              |              |            |         |         |         |            |               |
| 5    |               |      |       |      |            |      |              |              |            |         |         |         |            |               |
| 6    |               |      |       |      |            |      |              |              |            |         |         |         |            |               |
| 7    |               |      |       |      |            |      |              |              |            |         |         |         |            |               |
| 8    |               |      |       |      |            |      |              |              |            |         |         |         |            |               |



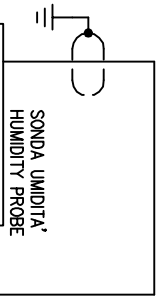
PC01 DIGITAL OUTPUTS



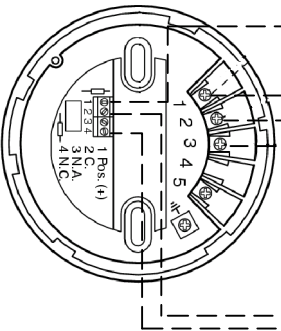
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|------|---------------|------|-------|------|------------|--------------|--------------|------------|---------|---------|---------|------------|---------------|
| REV. | MODIFICATIONS | DATE | SIGN. | DATE | 30/08/2005 | DRAM. POLIDO | CHECK POLIDO | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | HF620C0223 | SHEET 6 OF 24 |
| 1    |               |      |       |      |            |              |              |            |         |         |         |            | CONTINUE      |



CAVO 3X0,5mmq SCHEMATO  
CABLE 3X0,5mmq SHIELDS

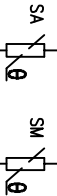


FIRE/SMOKE SENSOR  
SFF  
(OP.Z.)



70  
71

ROOM TEMP. PROBE

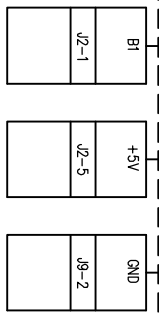


DISCHARGE AIR PROBE

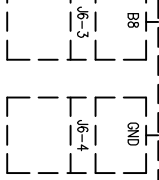
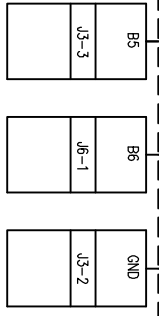


4/A7

105 X1  
106 X1  
107 X1

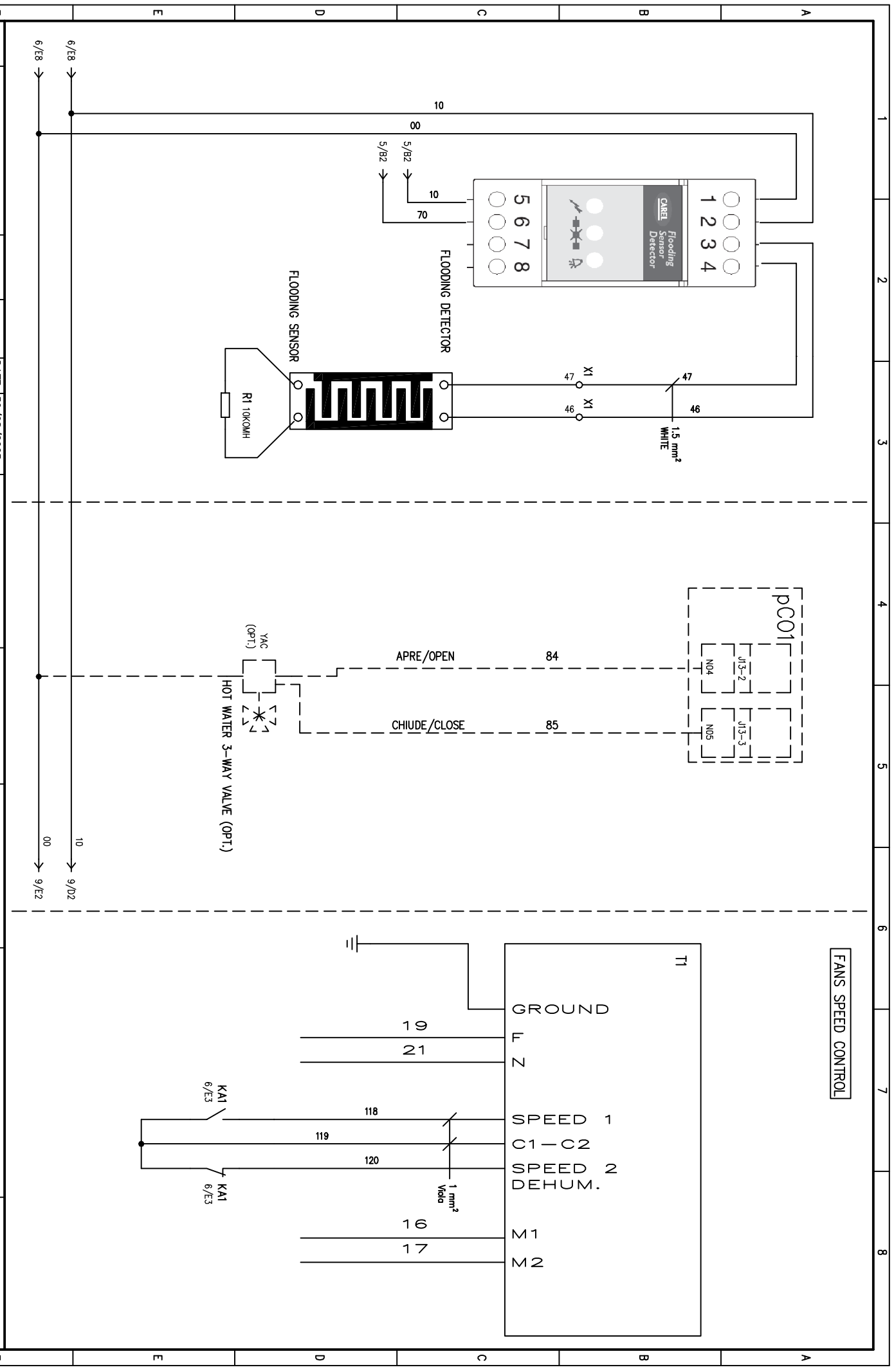


PC01 ANALOG. INPUTS



|      |               |            |       |            |         |         |         |            |               |
|------|---------------|------------|-------|------------|---------|---------|---------|------------|---------------|
| REV. | MODIFICATIONS | DATE       | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | HF620C0223 | SHEET 7 OF 24 |
| 1    |               |            |       |            |         |         |         |            | CONTINUE      |
| 2    |               |            |       |            |         |         |         |            |               |
| 3    |               | 30/08/2005 |       |            |         |         |         |            |               |
| 4    |               |            |       |            |         |         |         |            |               |
| 5    |               |            |       |            |         |         |         |            |               |
| 6    |               |            |       |            |         |         |         |            |               |
| 7    |               |            |       |            |         |         |         |            |               |
| 8    |               |            |       |            |         |         |         |            |               |





|      |               |      |       |            |            |              |              |
|------|---------------|------|-------|------------|------------|--------------|--------------|
| REV. | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | DATE       | DRAW. POLIDO | CHECK POLIDO |
| 1    |               |      |       |            | 30/08/2005 |              |              |
| 2    |               |      |       |            |            |              |              |
| 3    |               |      |       |            |            |              |              |
| 4    |               |      |       |            |            |              |              |
| 5    |               |      |       |            |            |              |              |
| 6    |               |      |       |            |            |              |              |
| 7    |               |      |       |            |            |              |              |
| 8    |               |      |       |            |            |              |              |

|            |               |
|------------|---------------|
| DATE       | 30/08/2005    |
| DRAW.      | POLIDO        |
| CHECK      | POLIDO        |
| APPR.      | M.M.          |
| REPLACE    |               |
| REPLACE    |               |
| ORIGIN:    | <b>LENNOX</b> |
| HF620C0223 |               |
| SHEET      | 8 OF 24       |
| CONTINUE   | 9             |

6/E8 → 10 → 9/D2 → 10 → 9/E2

5/82 → 10 → 70

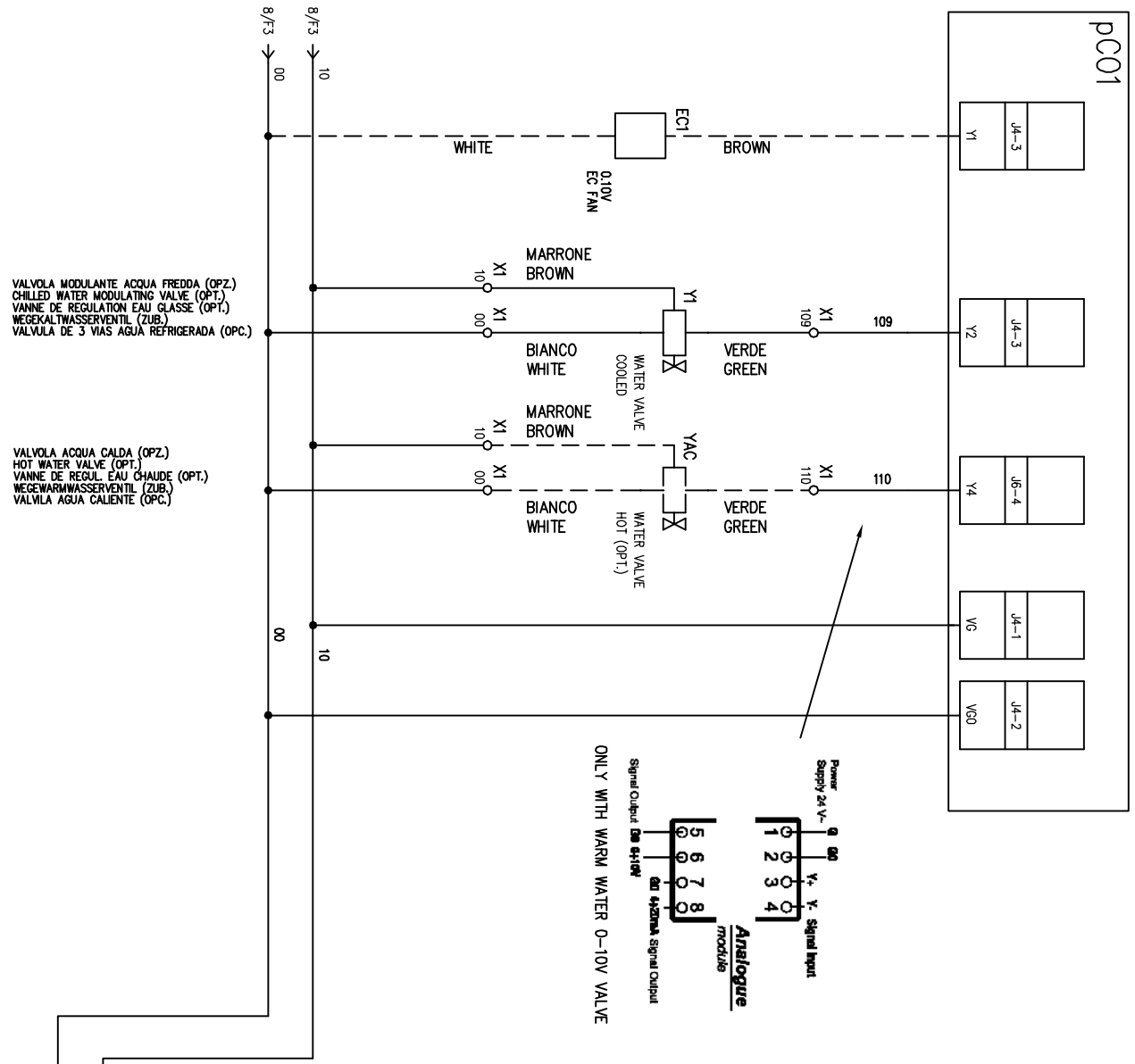
5/82 → 10 → 80

6/E8 → 10 → 00

9/E2 → 10 → 00

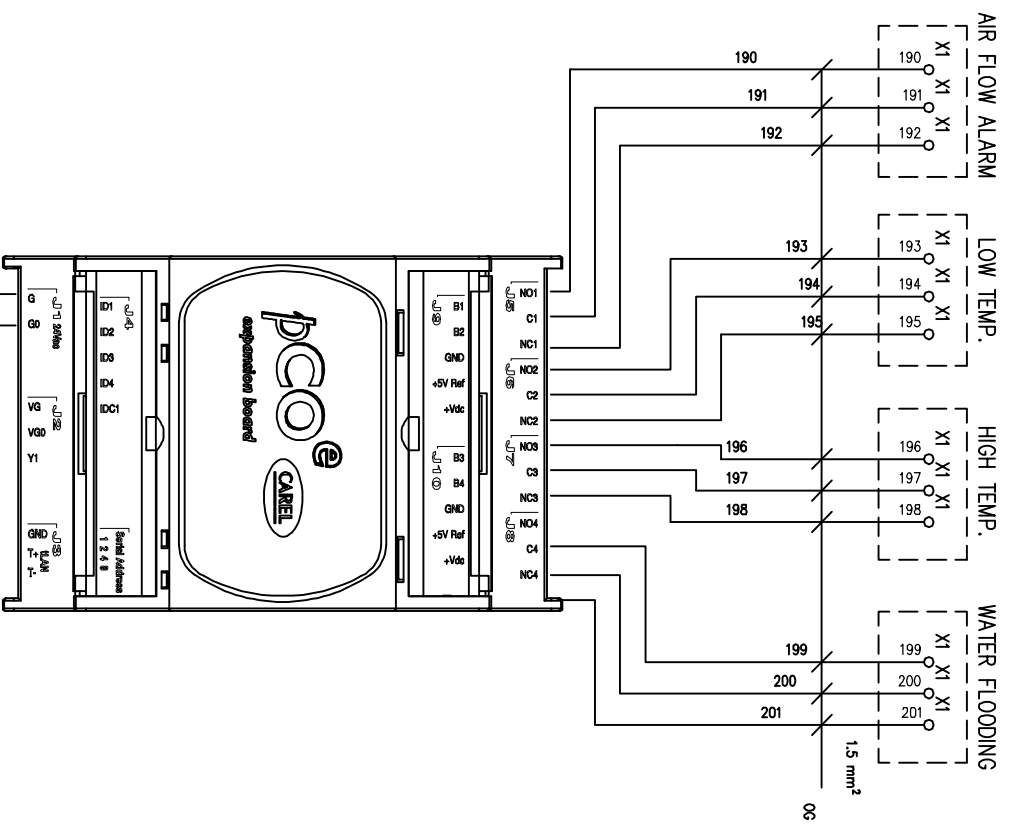
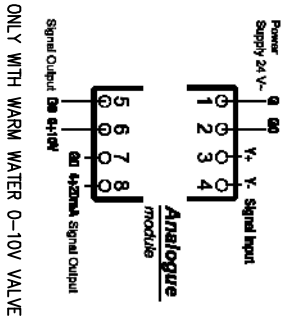


CONTROLLO VALVOLE 0-10V  
VALVES CONTROL 0-10V



VALVOLE MODULANTE ACQUA FREDDA (OPZ.)  
CHILLED WATER VALVE (OPT.)  
VANNE DE REGULATION EAU GLASSE (OPT.)  
WEGEKALTWASSERVENTIL (ZUB.)  
VALVULA DE 3 VIAS AGUA REFRIGERADA (OPC.)

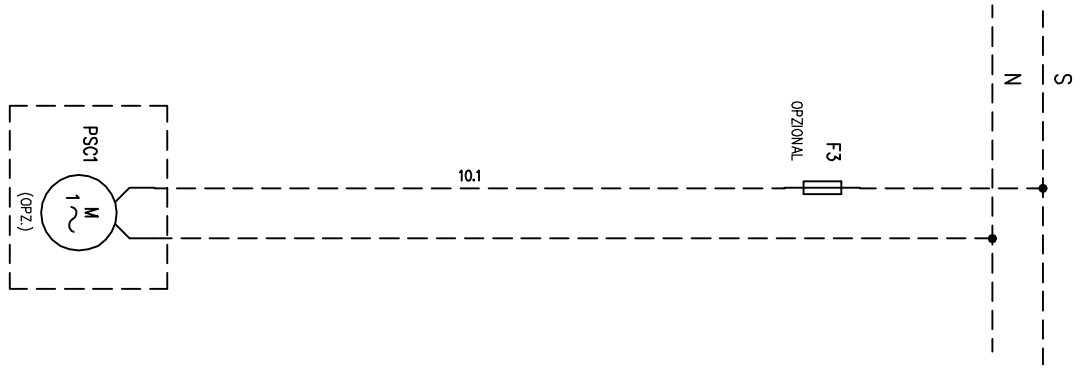
VALVOLE ACQUA CALDA (OPZ.)  
HOT WATER VALVE (OPT.)  
VANNE DE REGUL. EAU CHAUDE (OPT.)  
WEGEWARMWASSERVENTIL (ZUB.)  
VALVILA AGUA CALIENTE (OPC.)



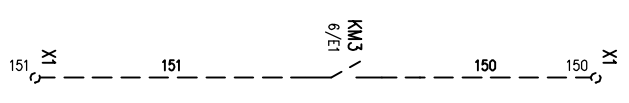
PCOE BOARD

|      |               |      |       |            |         |         |         |            |            |
|------|---------------|------|-------|------------|---------|---------|---------|------------|------------|
| REV. | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | DATE       | 30/08/2005 |
| 1    |               |      |       |            |         |         | LENNOX  | DRAWN      | POLIDO     |
| 2    |               |      |       |            |         |         |         | CHECK      | POLIDO     |
| 3    |               |      |       |            |         |         |         |            |            |
| 4    |               |      |       |            |         |         |         |            |            |
| 5    |               |      |       |            |         |         |         |            |            |
| 6    |               |      |       |            |         |         |         | HF620C0223 |            |
| 7    |               |      |       |            |         |         |         |            |            |
| 8    |               |      |       |            |         |         |         |            |            |
| 9    |               |      |       |            |         |         |         |            |            |
| 10   |               |      |       |            |         |         |         |            |            |

CONDENSATE DRAIN PUMP  
 POMPE A EAU CONDENSEUY  
 KONDENSATMASS 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.)



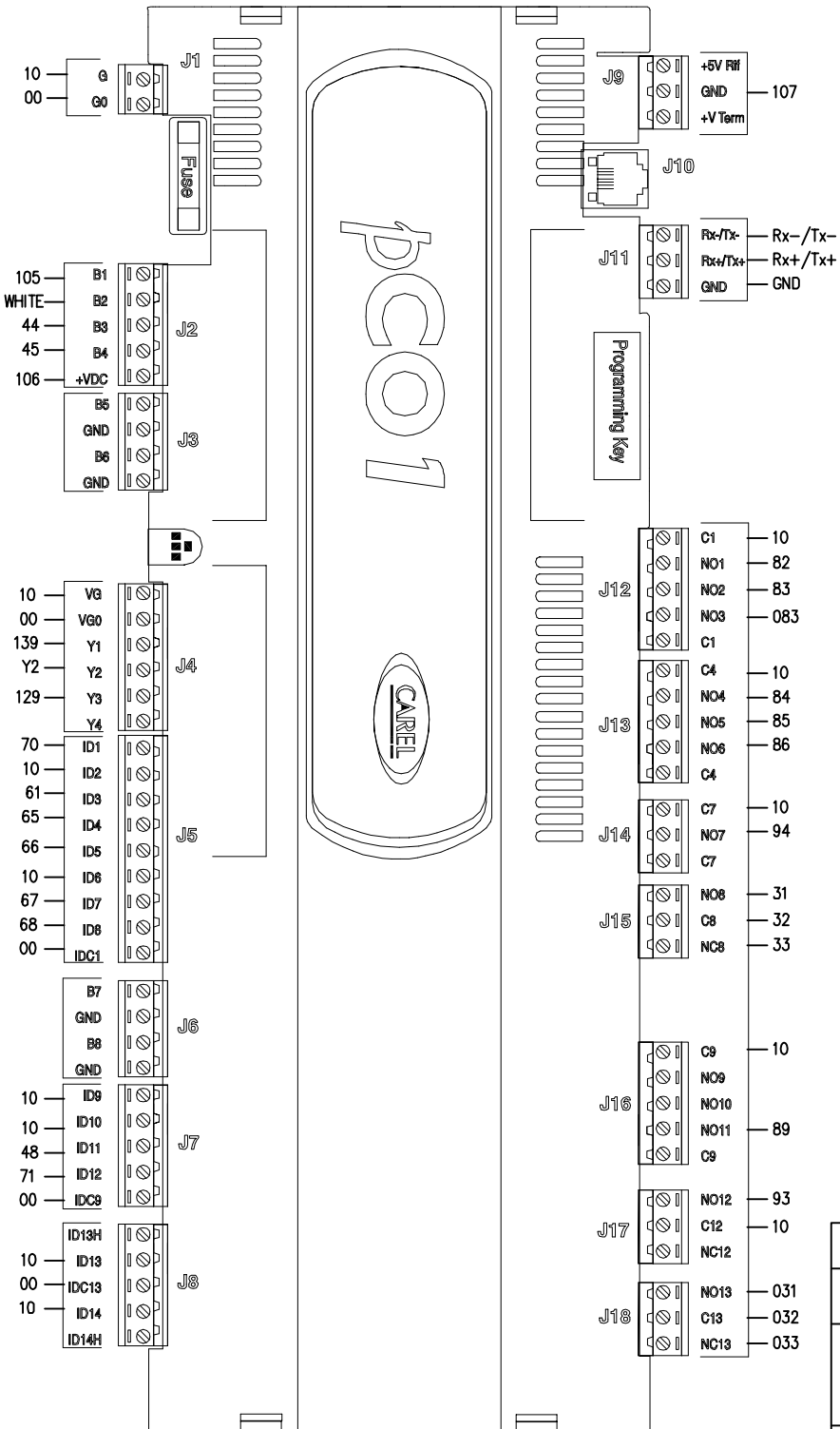
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|------|---------------|------|-------|------|------------|--------------|--------------|------------|---------|---------|---------|------------|----------------|
| REV. | MODIFICATIONS | DATE | SIGN. | DATE | 30/08/2005 | DRAM. POLIDO | CHECK POLIDO | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | HF620C0223 | SHEET 10 OF 24 |
| 1    |               |      |       |      |            |              |              |            |         |         |         |            | CONTINUE 11    |



# LAYOUT SCHEDA ELECTRONIC BOARD LAYOUT

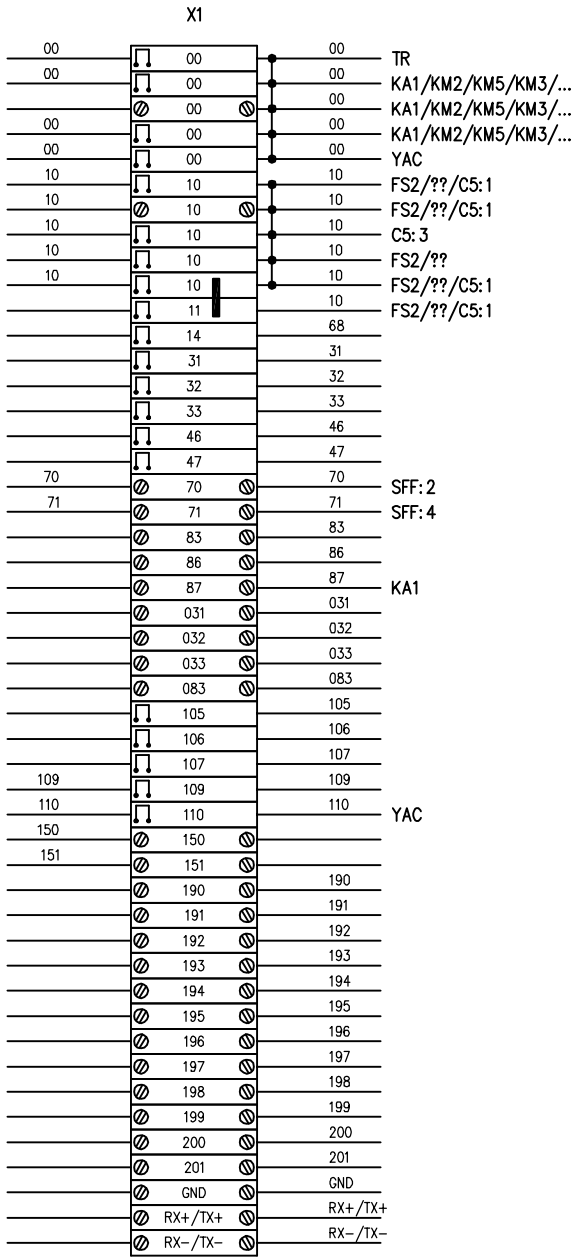
CONNETTORI PHOENIX A SPINA COMBICON CON PASSO 5,08 mm. COLORE  
VERDE TIPO MSTB 2,5 :

| STG. | POLI | TIPD     | CODICE     | STG. | POLI | TIPD     | 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 |      |      |          | PCBMBD     |



|      |               |      |            |            |         |         |         |             |                |
|------|---------------|------|------------|------------|---------|---------|---------|-------------|----------------|
| REV. | MODIFICATIONS | DATE | SIGN.      | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | HF620CC0223 | SHEET 11 OF 24 |
| 1    |               |      |            |            |         |         |         |             | CONTINUE 12    |
| 2    |               |      |            |            |         |         |         |             |                |
| 3    |               | DATE | 30/08/2005 | DRAW.      | POLIDO  | CHECK   | POLIDO  |             |                |

TERMINAL STRIP  
 BORNIER  
 KLEMMLEISTE  
 KLEMMLEISTE



WATER VALVE  
 HUMIDIFIER/E.H. 2/E.H. 1/~~FANS~~/KM2/KM5/KM4/KM3  
 DIRTY FILTER/AIR FLOW

WATER VALVE

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      |

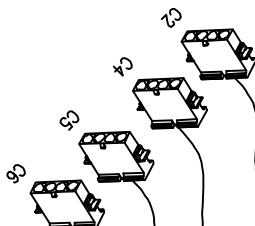
|      |               |      |       |            |            |              |              |         |         |         |            |                |
|------|---------------|------|-------|------------|------------|--------------|--------------|---------|---------|---------|------------|----------------|
| REV. | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | DATE       | DRAM. POLIDO | CHECK POLIDO | REPLACE | REPLACE | ORIGIN: | HF620C0223 | SHEET 12 OF 24 |
| 1    |               |      |       |            | 30/08/2005 |              |              |         |         |         |            | CONTINUE 13    |



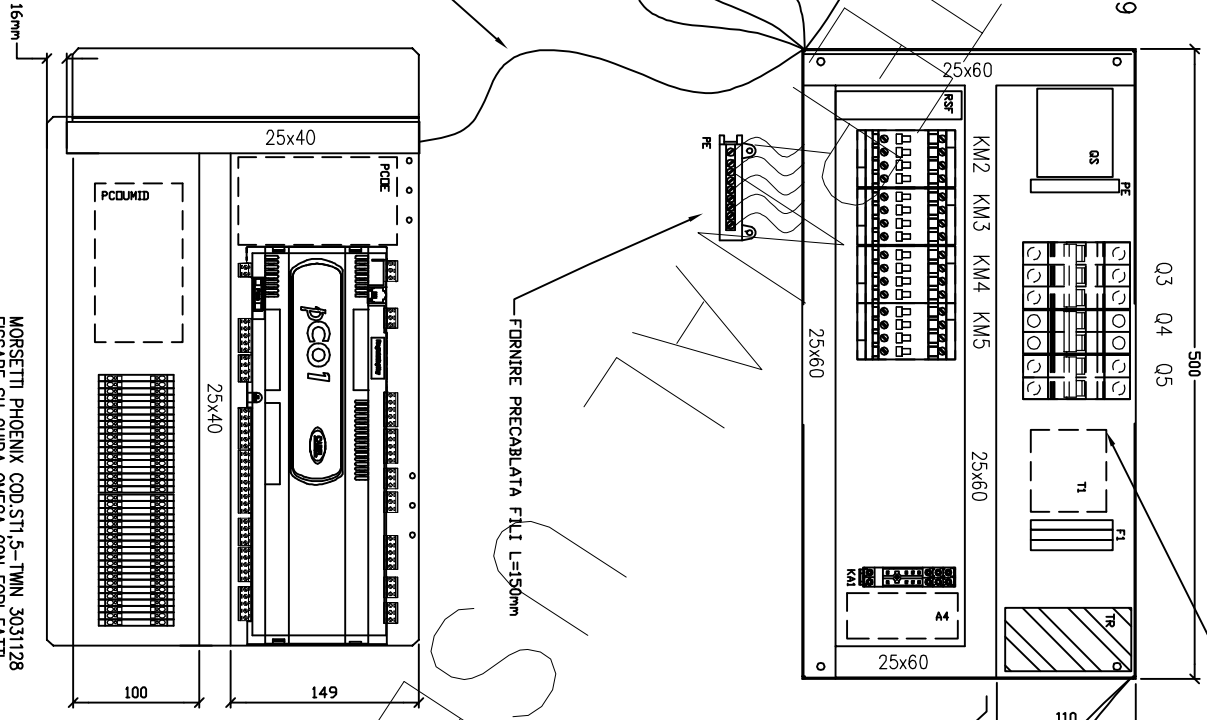
LAYOUT MOD.080/110

PIASTRA DI FONDO NS. COD. HF17000909

EI=USARE MORSETTI PORTAFUBILI PHOENIX UK5-HESI INTERBLOCCATI

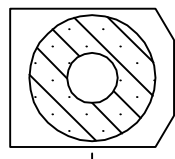


GUAINA SPIRALATA L=150mm



ALZARE CON CAVALLOTTO

GUAINA SPIRALATA L=150mm FORCINE



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

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

|      |               |      |       |            |         |         |         |       |            |      |            |
|------|---------------|------|-------|------------|---------|---------|---------|-------|------------|------|------------|
| REV. | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | DATE  | 30/08/2005 | DATE | 30/08/2005 |
|      |               |      |       |            |         |         |         | DRAW. | POILDO     |      |            |
|      |               |      |       |            |         |         |         | CHECK | POILDO     |      |            |



HF620C0223

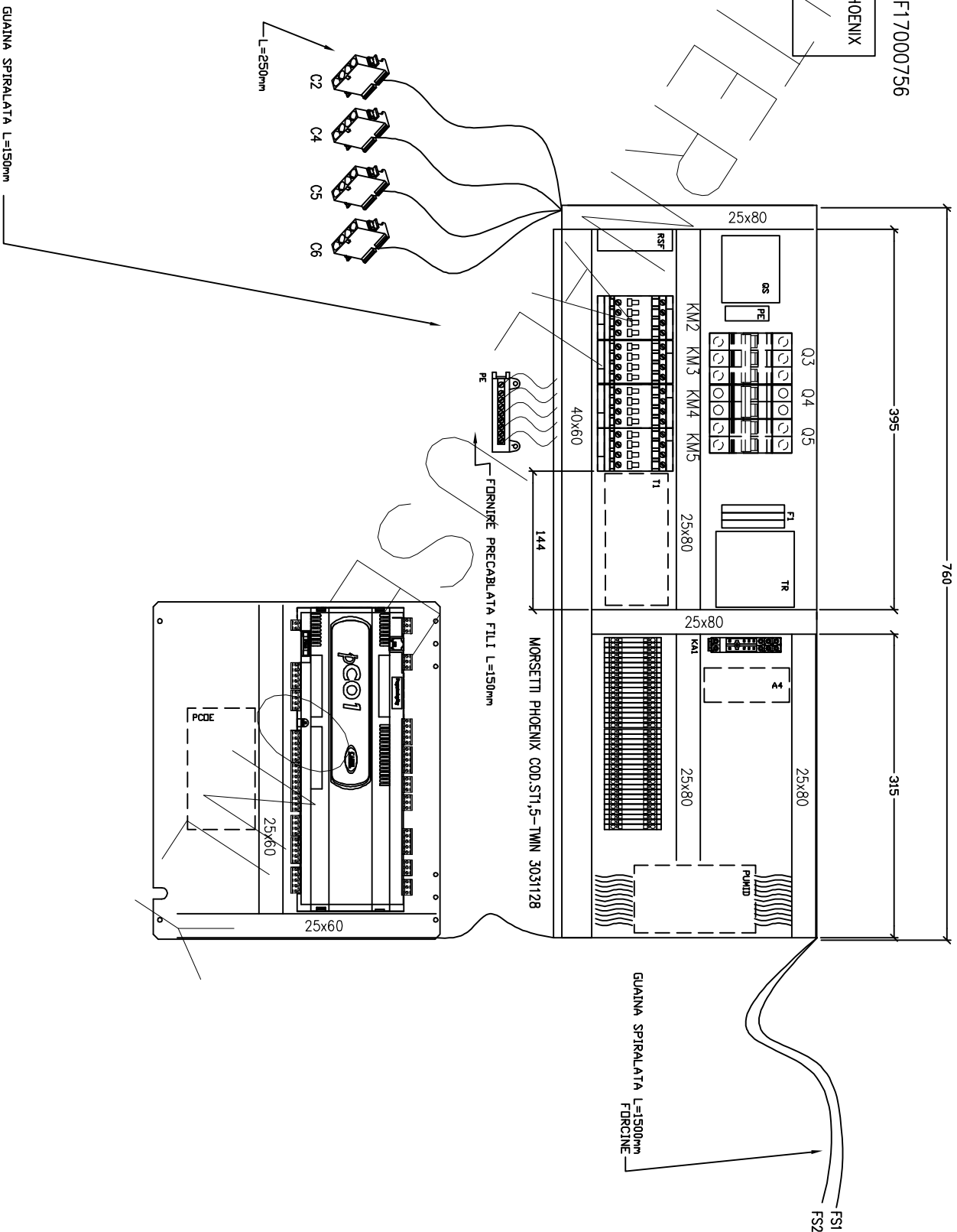
SHEET 13 OF 24  
CONTINUE 14

LAYOUT 140/160

PIASTRA DI FONDO NS. COD. HF17000756

F1=USARE MORSETTI PORTAFIBRILI PHOENIX  
UK5-HESI  
INTERBLOCATI

WATER



|      |               |      |       |            |         |         |         |       |            |       |            |      |            |
|------|---------------|------|-------|------------|---------|---------|---------|-------|------------|-------|------------|------|------------|
| REV. | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | DATE  | 30/08/2005 | DATE  | 30/08/2005 | DATE | 30/08/2005 |
| 1    |               |      |       |            |         |         |         | DRAW. | POLIDO     | CHECK | POLIDO     |      |            |
| 2    |               |      |       |            |         |         |         |       |            |       |            |      |            |
| 3    |               |      |       |            |         |         |         |       |            |       |            |      |            |
| 4    |               |      |       |            |         |         |         |       |            |       |            |      |            |
| 5    |               |      |       |            |         |         |         |       |            |       |            |      |            |
| 6    |               |      |       |            |         |         |         |       |            |       |            |      |            |
| 7    |               |      |       |            |         |         |         |       |            |       |            |      |            |
| 8    |               |      |       |            |         |         |         |       |            |       |            |      |            |



HF620C0223

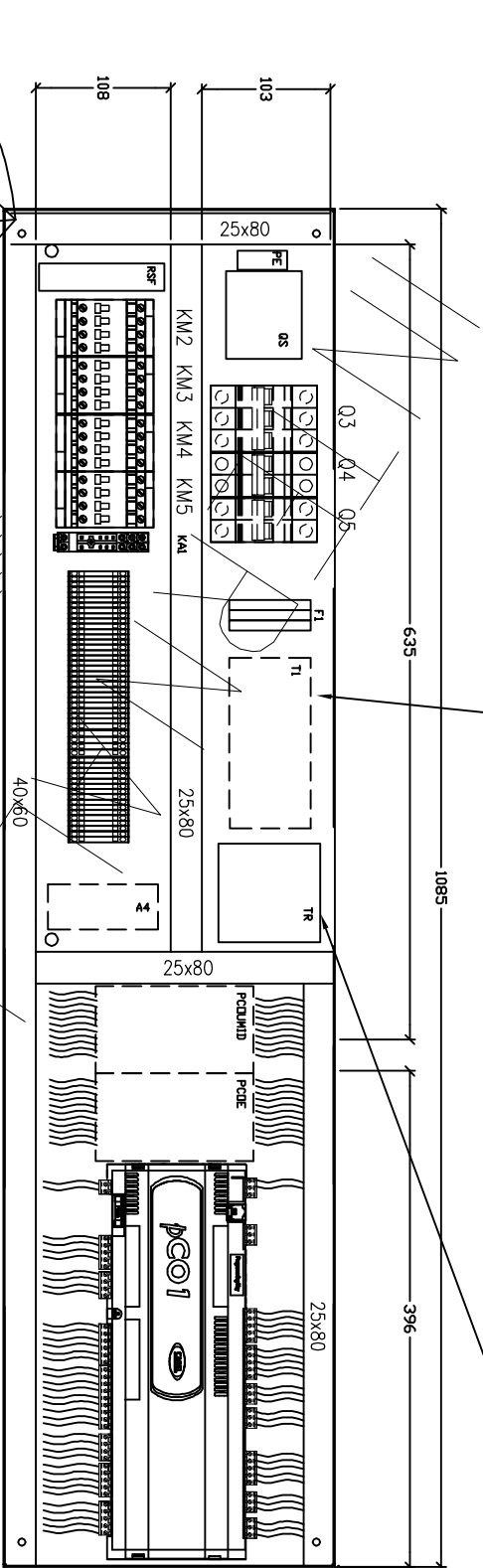
SHEET 14 OF 24  
CONTINUE 15

LAYOUT 200/230

PIASTRA FI FONDD NS. COD. HF17000879

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

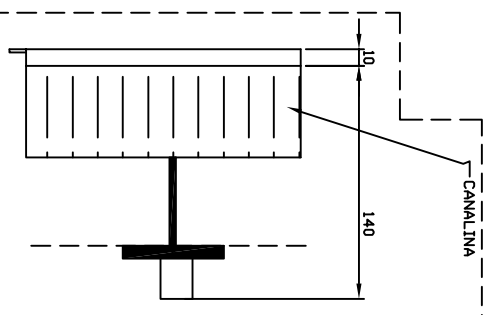
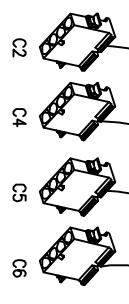
COPRIRE CON LASTRA DI PLEXIGLASS NS. COD. HF55000040



F1=USARE MORSETTI PORTAFUBILI PHOENIX UK5-HESI INTERBLOCATI

GUAINA SPIRALATA L=1500mm FORCINE

MORSETTI PHOENIX COD.ST1,5-TMN 3031128



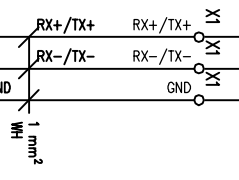
USE ONLY

|      |               |              |       |            |         |         |         |            |                |
|------|---------------|--------------|-------|------------|---------|---------|---------|------------|----------------|
| REV. | MODIFICATIONS | DATE         | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | HF620C0223 | SHEET 15 OF 24 |
| 1    |               |              |       |            |         |         |         |            | CONTINUE 16    |
|      |               | 30/08/2005   |       |            |         |         | LENNOX  |            |                |
|      |               | DRAW. POLIDO |       |            |         |         |         |            |                |
|      |               | CHECK POLIDO |       |            |         |         |         |            |                |

LAN CONNECTIONS

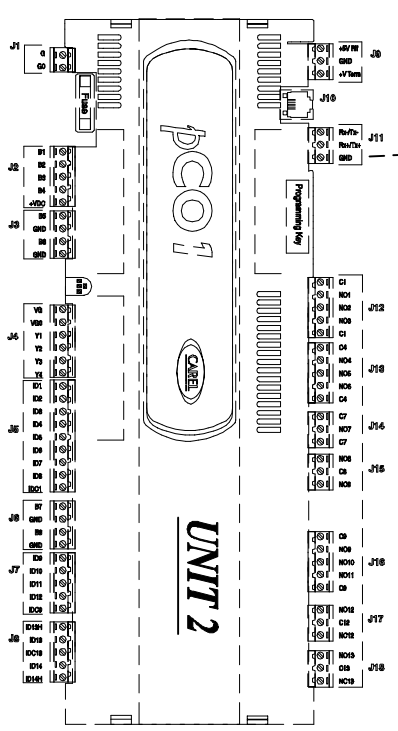
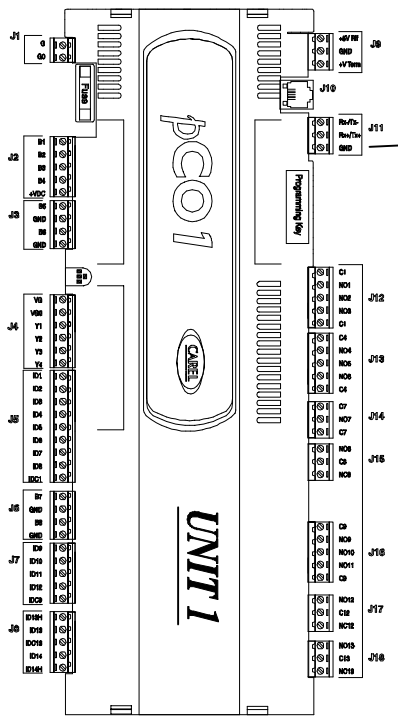
SHIELD

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



|      |               |      |       |            |         |         |         |      |       |       |            |                |         |         |      |       |       |            |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|------|---------------|------|-------|------------|---------|---------|---------|------|-------|-------|------------|----------------|---------|---------|------|-------|-------|------------|---------|---------|---------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| REV. | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | DATE | DRAW. | CHECK | APPR. M.M. | REPLACE        | REPLACE | ORIGIN: | DATE | DRAW. | CHECK | APPR. M.M. | REPLACE | REPLACE | ORIGIN: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1    |               |      |       |            |         |         |         |      |       |       |            |                |         |         |      |       |       |            |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |               |      |       |            |         |         |         |      |       |       |            | LENNOX         |         |         |      |       |       |            |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |               |      |       |            |         |         |         |      |       |       |            | HF620C0223     |         |         |      |       |       |            |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |               |      |       |            |         |         |         |      |       |       |            | SHEET 16 OF 24 |         |         |      |       |       |            |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|      |               |      |       |            |         |         |         |      |       |       |            | CONTINUE       |         |         |      |       |       |            |         |         |         |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |



1 2 3 4 5 6 7 8

A A

B B

C C

D D

E E

F F

|      |               |       |            |         |         |         |  |  |  |
|------|---------------|-------|------------|---------|---------|---------|--|--|--|
|      |               | DATE  | 30/08/2005 |         |         |         |  |  |  |
|      |               | DRAM. | POLIDO     |         |         |         |  |  |  |
|      |               | CHECK | POLIDO     |         |         |         |  |  |  |
|      |               | APPR. | M.M.       |         |         |         |  |  |  |
| REV. | MODIFICATIONS | DATE  | SIGN.      | REPLACE | REPLACE | ORIGIN: |  |  |  |
| 1    |               |       |            |         |         |         |  |  |  |




HF620C0223

SHEET 17 OF 24  
CONTINUE 18




| 1       | 2        | 3             | 4              | 5              | 6                              | 7      | 8    |          |
|---------|----------|---------------|----------------|----------------|--------------------------------|--------|------|----------|
| 080-110 | Ref-mark | Function      | Technical data | Item code      | Description                    | Amount | M.U. | Position |
| A       | AP       | HIGH PRESSURE |                |                |                                | 1      |      | 4/CO2    |
|         | BP       | LOW PRESSURE  |                |                |                                | 1      |      | 5/A06    |
|         | CI       | COMPRESSOR    |                |                |                                | 1      |      | 3/E02    |
| B       | EV1      |               |                |                |                                | 1      |      | 7/B05    |
|         | EV2      |               |                |                |                                | 1      |      | 7/B05    |
|         | F1       |               | 4AF            |                | FUSIBLE 5X20                   | 1      | PCE  | 3/D08    |
|         | H1       | HUMIDIFIER    |                |                |                                | 1      |      | 3/E06    |
| C       | KA1      | DEUM. RELAY   |                | 40528024       |                                | 1      |      | 4/E02    |
|         | KM2      | HUMID.        |                | LS410-55/72614 | TELER.AEG LS4.10 24V/DILOOM-10 | 1      | PCE  | 4/E06    |
|         | KM3      | EVAP. FANS    |                | LS410-55/72614 | TEL. AEG LS4.10 24V/DILOOM-10  | 1      | PCE  | 4/E07    |
|         | KM4      | E.H. 1 STEP   |                | LS410-55/72614 | TELER.AEG LS4.10 24V/DILOOM-10 | 1      | PCE  | 6/B03    |
| D       | KM5      | E.H. 2 STEP   |                | LS410-55/72614 | TELER.AEG LS4.10 24V/DILOOM-10 | 1      | PCE  | 6/B03    |

|               |         |                |   |
|---------------|---------|----------------|---|
| DATE          |         | 30/08/2005     |   |
| DRAW.         |         | POLIDO         |   |
| CHECK         |         | POLIDO         |   |
| APPR. M.M.    |         |                |   |
| REPLACE       | REPLACE | ORIGIN:        |  |
| DATE          | SIGN.   | APPR. M.M.     |   |
| MODIFICATIONS | DATE    | SIGN.          | APPR. M.M.  |
| REV.          | 1       | 2              | 3   |
| HF620C0223    |         | SHEET 19 OF 24 |   |
|               |         | CONTINUE 20    |   |

| 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.ELI <sub>0</sub> E90 3P C 6A 6KA/PLS6-C6/3   | 1      | PCE  | 3/B05    |
| Q4      | FANS           |          |                | E92C10/242876 | INT.AUT.ELI <sub>0</sub> E90 2P C 10A 6KA/PLS6-C10/2 | 1      | PCE  | 3/B06    |
| Q5      | E.HEATERS      |          |                | E92C10/242876 | INT.AUT.ELI <sub>0</sub> E90 2P C 20A 6KA/PLS6-C10/2 | 1      | PCE  | 3/B07    |
| Q5      |                |          |                | 4X25          |  | 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    |


  

| 1     | 2             | 3       | 4   | 5       | 6    | 7       | 8 |
|-------|---------------|---------|---|---------|------|---------|---|
| DATE  | 30/08/2005    | DATE    |   | DATE    |      | DATE    |   |
| DRAM. | POLIDO        | CHECK   | POLIDO  | REPLACE |      | REPLACE |   |
| APPR. | M.M.          | ORIGIN: |  | REPLACE |      | REPLACE |   |
| REV.  | MODIFICATIONS | DATE    | SIGN.   | APPR.   | M.M. | REPLACE |   |
| 1     |               |         |   |         |      |         |   |

|                |  |  |  |  |  |  |  |
|----------------|--|--|--|--|--|--|--|
| HF620C0223     |  |  |  |  |  |  |  |
| SHEET 20 OF 24 |  |  |  |  |  |  |  |
| CONTINUE       |  |  |  |  |  |  |  |

| 140-160 | Ref-mark      | Function | Technical data | Item code      | Description                        | Amount | M.U. | Position |
|---------|---------------|----------|----------------|----------------|------------------------------------|--------|------|----------|
| AP      | HIGH PRESSURE |          |                |                |                                    | 1      |      | 4/002    |
| BP      | LOW PRESSURE  |          |                |                |                                    | 1      |      | 5/A06    |
| CI      | COMPRESSOR    |          |                |                |                                    | 1      |      | 3/E02    |
| EV1     |               |          |                |                |                                    | 1      |      | 7/B05    |
| EV2     |               |          |                |                |                                    | 1      |      | 7/B05    |
| F1      |               |          | 4AF            |                | FUSIBLE 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/DILOOM-10 24V | 1      | PCE  | 4/E06    |
| KM3     | EVAP. FANS    |          |                | LS410-55/72614 | TEL. AEG LS4.10 24V/DILOOM-10 24V  | 1      | PCE  | 4/E07    |
| KM4     | E.H. 1 STEP   |          |                | LS410-55/72614 | TELER.AEG LS4.10 24V/DILOOM-10 24V | 1      | PCE  | 6/B03    |
| KM5     | E.H. 2 STEP   |          |                | LS410-55/72614 | TELER.AEG LS4.10 24V/DILOOM-10 24V | 1      | PCE  | 6/B03    |


|  |               |      |       |            |         |         |   |      |            |              |              |
|--|---------------|------|-------|------------|---------|---------|---|------|------------|--------------|--------------|
| REV.   | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN:   | DATE | 30/08/2005 | DRAM. POLIDO | CHECK POLIDO |
| 1  |               | 2    |       |            |         |         |  | 5    |            | HF620C0223   |              |
| <p style="text-align: center;">SHEET 21 OF 24</p> <p style="text-align: center;">CONTINUE 22</p> |               |      |       |            |         |         |   |      |            |              |              |

| 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.ELI <sub>0</sub> E90 3P C 06A 6KA/PLS6-C06/3 | 1      | PCE  | 3/B05    |
| Q4      | FANS           |          |                | E92C10/242876 | INT.AUT.ELI <sub>0</sub> E90 2P C 10A 6KA/PLS6-C10/2 | 1      | PCE  | 3/B06    |
| Q5      | E. HEATERS     |          |                | E92C20/242881 | INT.AUT.ELI <sub>0</sub> E90 2P C 20A 6KA/PLS6-C20/2 | 1      | PCE  | 3/B07    |
| Q5      |                |          | 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     |
| APPR. | M.M.       |

|         |         |         |   |
|---------|---------|---------|---|
| REPLACE | REPLACE | ORIGIN: |  |
|---------|---------|---------|---|

|            |
|------------|
| HF620C0223 |
|------------|

|                |
|----------------|
| SHEET 22 OF 24 |
| CONTINUE 23    |



| 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.ELI <sub>0</sub> E90 3P C 06A 6KA/PLS6-C6/3  | 1      | PCE  | 3/B05    |
|         | Q4       | FANS           |                | E92C10/242876 | INT.AUT.ELI <sub>0</sub> E90 2P C 10A 6KA/PLS6-C10/2 | 1      | PCE  | 3/B06    |
|         | Q5       | E. HEATERS     |                | E92C20/242881 | INT.AUT.ELI <sub>0</sub> E90 2P C 20A 6KA/PLS6-C20/2 | 1      | PCE  | 3/B07    |
|         | Q5       |                | 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    |

|   |               |      |       |            |         |         |         |      |              |              |      |            |            |                |
|---|---------------|------|-------|------------|---------|---------|---------|------|--------------|--------------|------|------------|------------|----------------|
| REV.  | MODIFICATIONS | DATE | SIGN. | APPR. M.M. | REPLACE | REPLACE | ORIGIN: | DATE | DRAW. POLIDO | CHECK POLIDO | DATE | 30/08/2005 | HF620C0223 | SHEET 24 OF 24 |
|  |               |      |       |            |         |         |         |      |              |              |      |            |            |                |

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