

Water aansluitingen: NW-125 NFE 29203, conform DIN 2576  
 Bedrijfsge wicht: AT 90D standaard 3000 Kg  
 AT 90D Low Noise 3250 Kg  
 AT 100D standaard 3100 Kg  
 AT 100D Low Noise 3350 Kg

Hijsogen en transportklossen na plaatsing verwijderen.

| POS | BEMIJNING   | MAAT             | MAAT                         | AfMETINGEN   | OPMERKINGEN |
|-----|---|------------------|------------------------------|--|-------------|
|     | RESTEND VOOR<br><b>AT 90/100D en 90/100D-LN</b>   | DOOR<br>INDELING |                              | DETEKING<br>18-02-1993<br>BEZIEK<br>13-05-93<br>OENKLEED<br>I.V.T.<br>12-05-1993     |             |
|     | NAAM V. d. TOEGANG<br><b>Maatschets AT 90/100D</b>  |                  |                              | POLETOEGANG<br>TEKENING EN AANSLUITINGEN<br>V. d. GENS SLOP AANDEK<br>SCHAAL: N.t.s. |             |
|     | <b>Stork Refac B.V.</b>   |                  |                              | TEKENINGNUMMER<br><b>1.06.01.0007</b>  |             |
|     | AUTOSCHEREN VOORBEREIDEN OVEREENKOMSTIG DE MET<br>SLOP REFAC B.V. MAAKT DEEL UIT VAN HET SLOP CONCEPT |                  | COMPUTER AIGRO DESIGN SYSTEM |  |             |
|     |   |                  |                              |  |             |

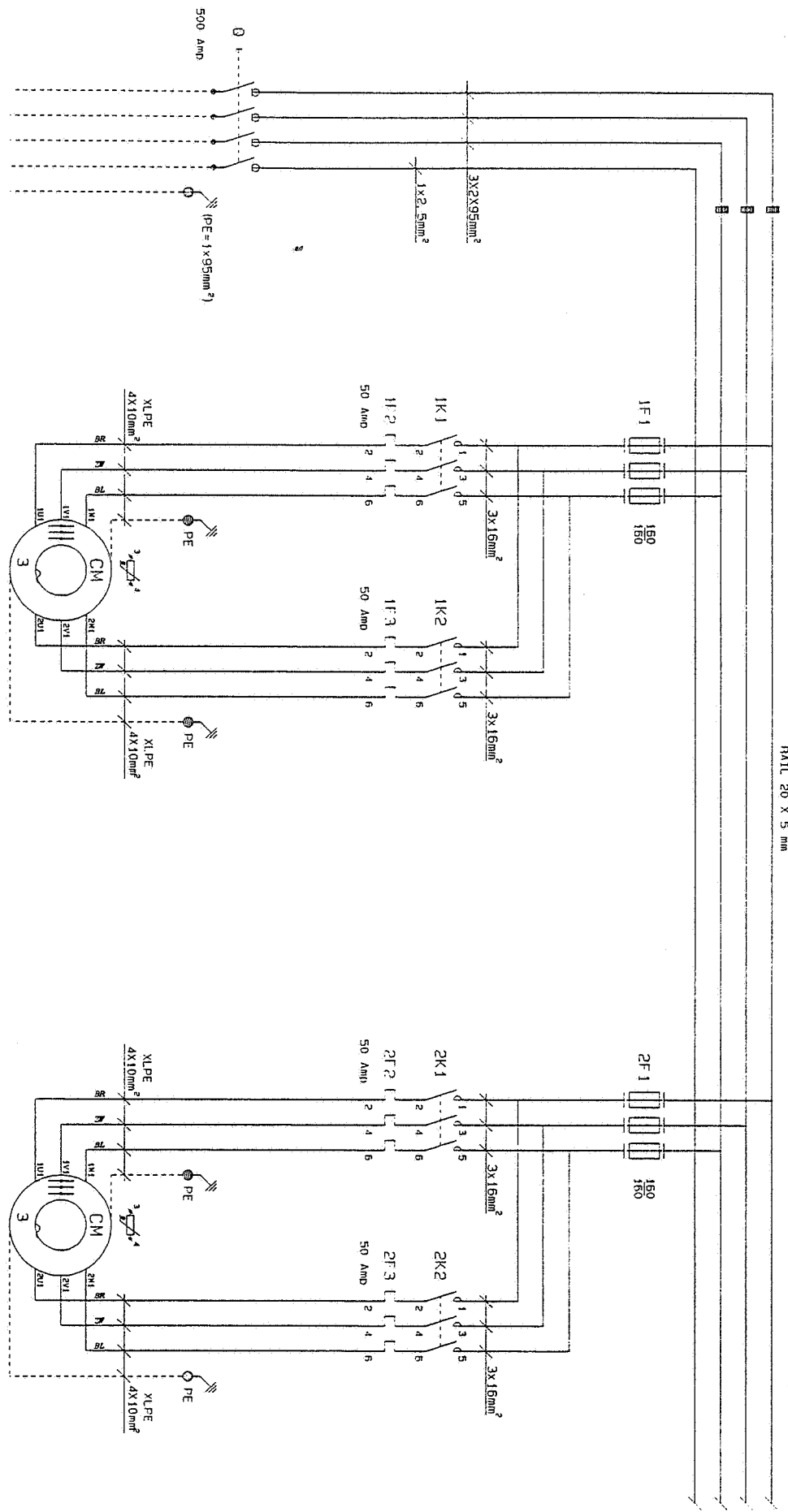


VOEDING

COMPRESSOR 1

RAIL 20 X 5 mm

COMPRESSOR 2



3X380V ~ 50HZ III+PE  
152 KVA

1CM1  
I<sub>max</sub> = 118 Amp  
I<sub>nom</sub> = 100,5 Amp

2CM1  
I<sub>max</sub> = 118 Amp  
I<sub>nom</sub> = 100,5 Amp

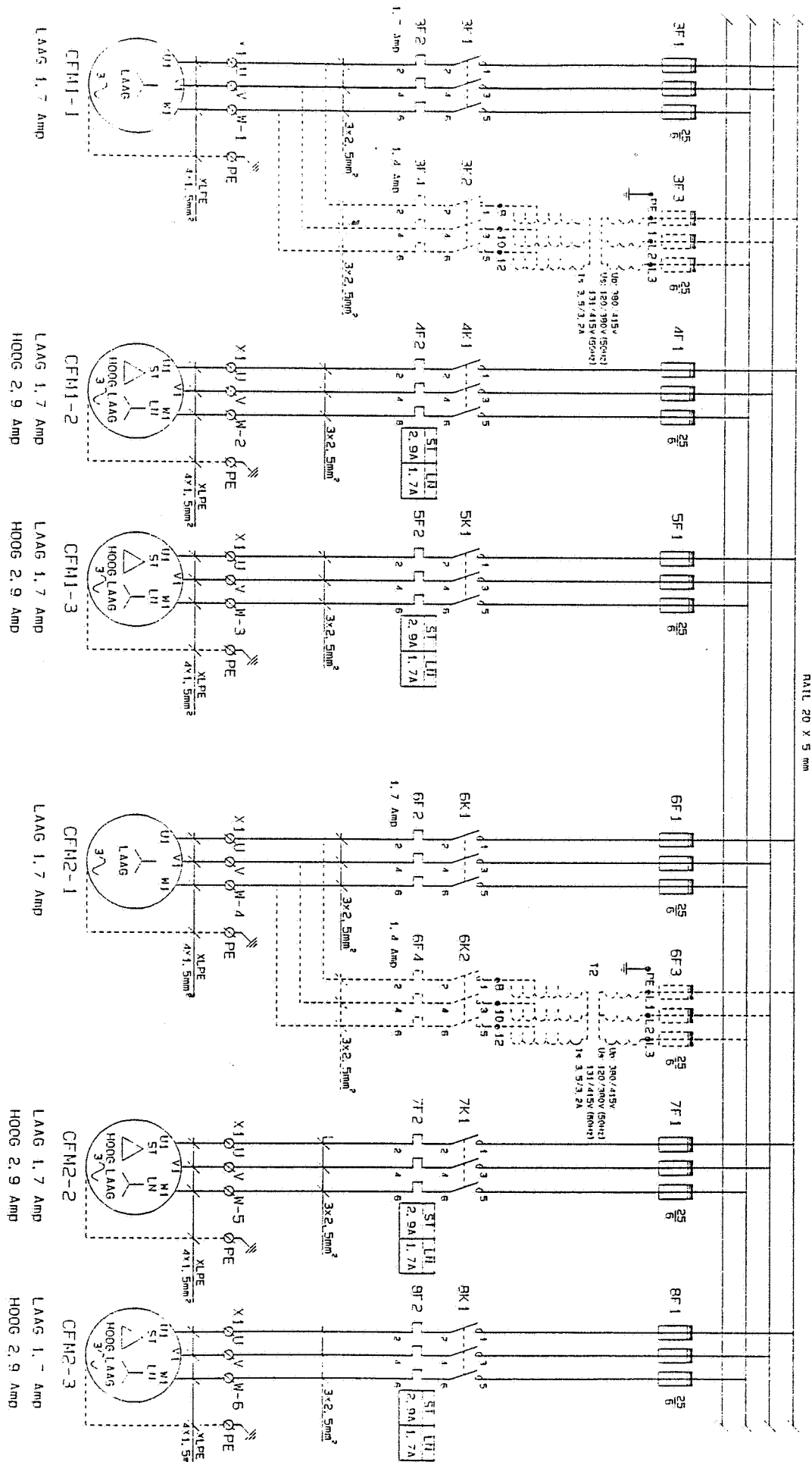
ST = STANDAARD  
LN = LOW NOISE  
WR = WINTERREGELING  
UL = UITLEZER

| REV. DATE | REV. IN    | REV. DATE | REV. IN                   | REV. DATE | REV. IN   | REV. DATE | REV. IN |
|-----------|------------|-----------|---------------------------|-----------|-----------|-----------|---------|
| DATE      | 16-11-1992 | SUBJECT   | AT100D-ST/LN- (WR) - (UL) | ORDER     |           |           |         |
| DR        | JVS        |           |                           | DRG. NO.  | 106092100 | SHEET     | 01      |

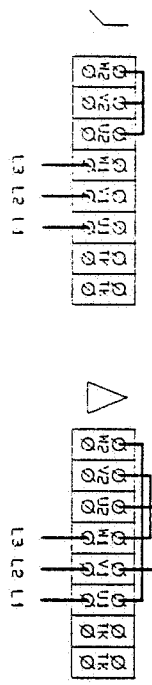
*Rev. 2.1. 6/2-93*

Stork Refac B.V.





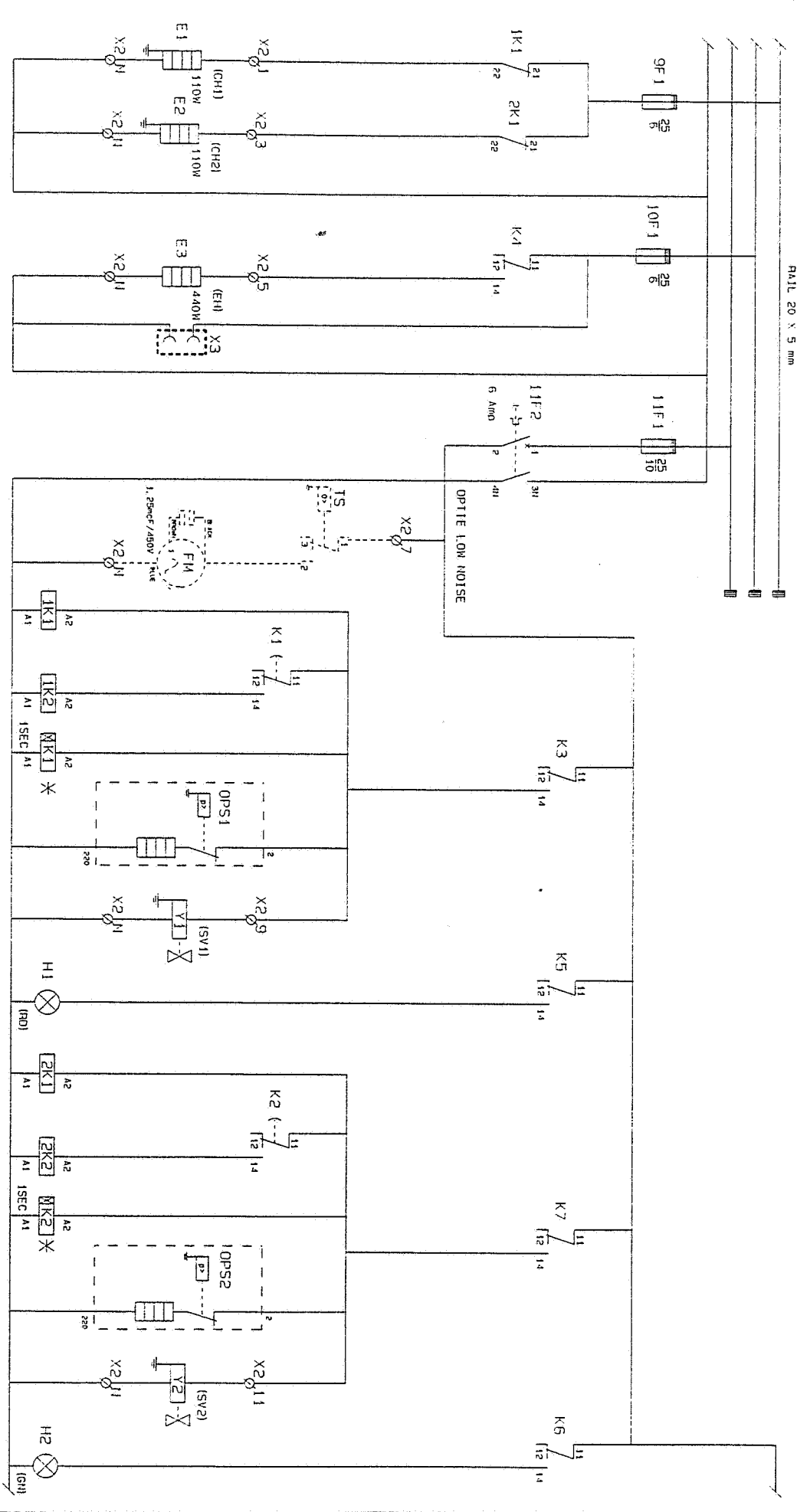
AANSLUITDOOS CFM



T11T2

| k 12m sec. | Usec. (V)    | 50/60Hz |
|------------|--------------|---------|
| 2, 4, 6    | 120/130      |         |
| 8, 10, 12  | 180/195 (LH) |         |
| 14, 16, 18 | 230/250      |         |
| 20, 22, 24 | 280/305      |         |

|                  |         |                           |         |           |         |
|------------------|---------|---------------------------|---------|-----------|---------|
| REVDATE          | REVTRA  | REVDATE                   | REVTRA  | REVDATE   | REVTRA  |
| DATE             | REVDATE | REVDATE                   | REVDATE | REVDATE   | REVDATE |
| 16-11-1992       | JVS     | AT100D-ST/LN-(WR) - (ULL) |         |           |         |
| Stork Refac B.V. |         |                           | ENG. nr | 10E092100 | HEET    |
|                  |         |                           |         |           | 02      |

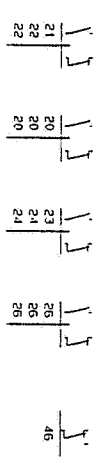
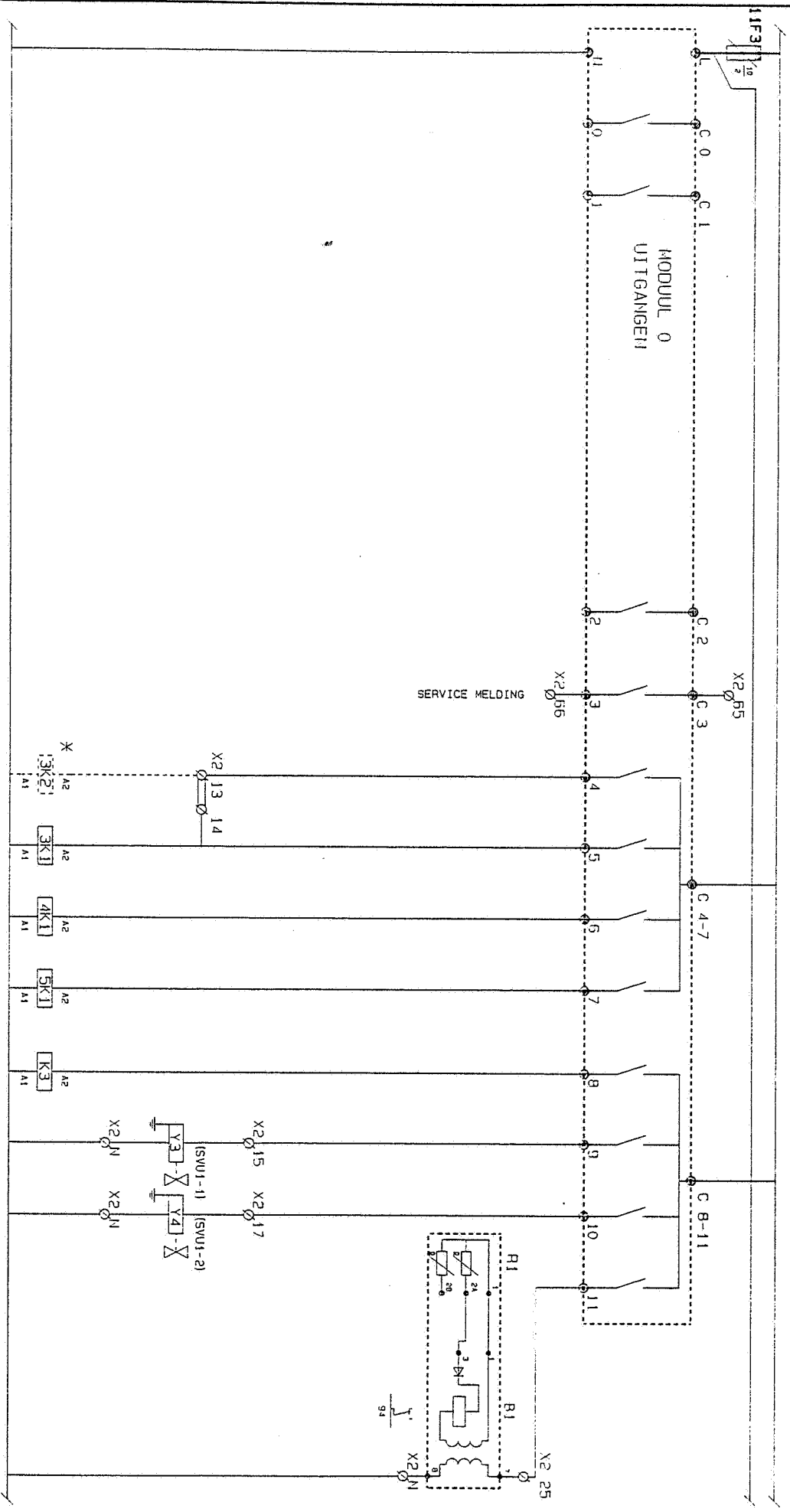


\* K1-K2 - CH 1-3N-220VAC/E  
 CH 1-Z-240-50/60Hz

FUNCTION OFF   
 1 2 3 4  
 TYPE

|          |            |                  |                           |          |            |         |       |          |  |         |          |           |       |    |
|----------|------------|------------------|---------------------------|----------|------------|---------|-------|----------|--|---------|----------|-----------|-------|----|
| REVISION | 06-05-1993 | REV. IN          | A                         | REVISION | 23-06-1993 | REV. IN | B     | REVISION |  | REV. IN |          |           |       |    |
| DATE     | 16-11-1992 | SUBJECT          | AT100D-ST/LN- (WF) - (UL) |          |            |         | ORDER |          |  |         |          |           |       |    |
| DN       | JVS        | Stork Refac B.V. |                           |          |            |         |       |          |  |         |          |           |       |    |
|          |            |                  |                           |          |            |         |       |          |  |         | DRG. NO. | 106092100 | SHEET | 03 |

*Rev. 1/4 6/9-93*

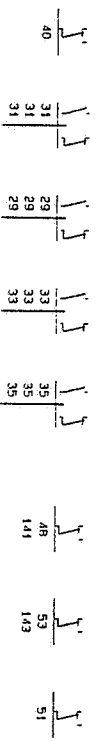
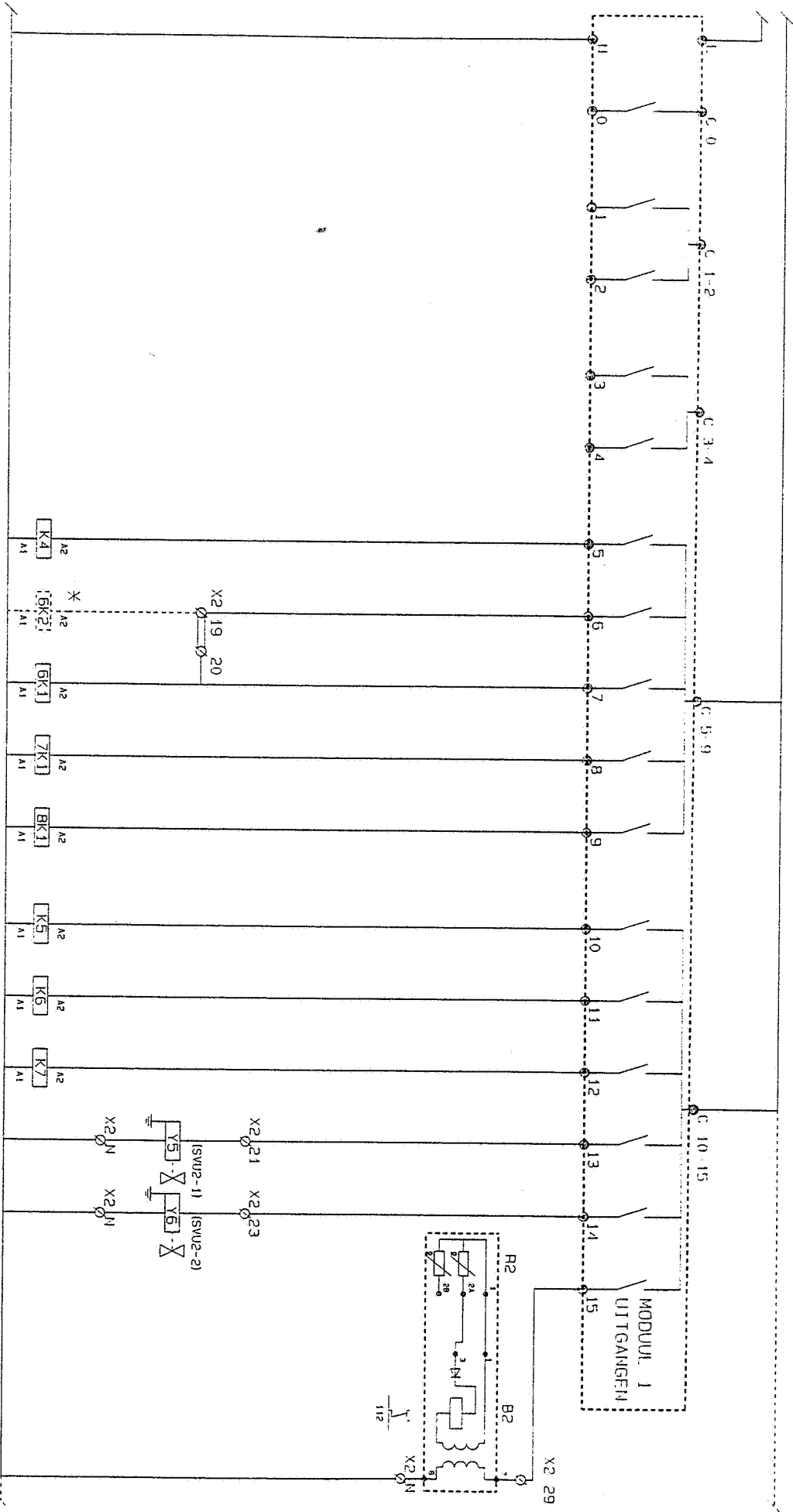


\* BIJ WITTEREGELING MAGNETISCHAKEL AAR 3K2 MONTEREN EN DE DOORVERBINDING TUSSEN KLEM 13 EN 14 VERMIJDEN.

|                    |                           |                    |                           |          |
|--------------------|---------------------------|--------------------|---------------------------|----------|
| REVDATE 06-05-1993 | REVUTR A                  | REVDATE 23-06-1993 | REVUTR B                  | REVDATE  |
| DATE 16-11-1992    | SUBJECT                   | DATE 16-11-1992    | SUBJECT                   | DATE     |
| DR JVS             | AT1000-ST/LN- (WR) - (UL) | DR JVS             | AT1000-ST/LN- (WR) - (UL) | DR       |
| Stork Refac B.V.   |                           | 106092100          |                           | SHEET 04 |

92-9/1/93-93





922 904 12-92

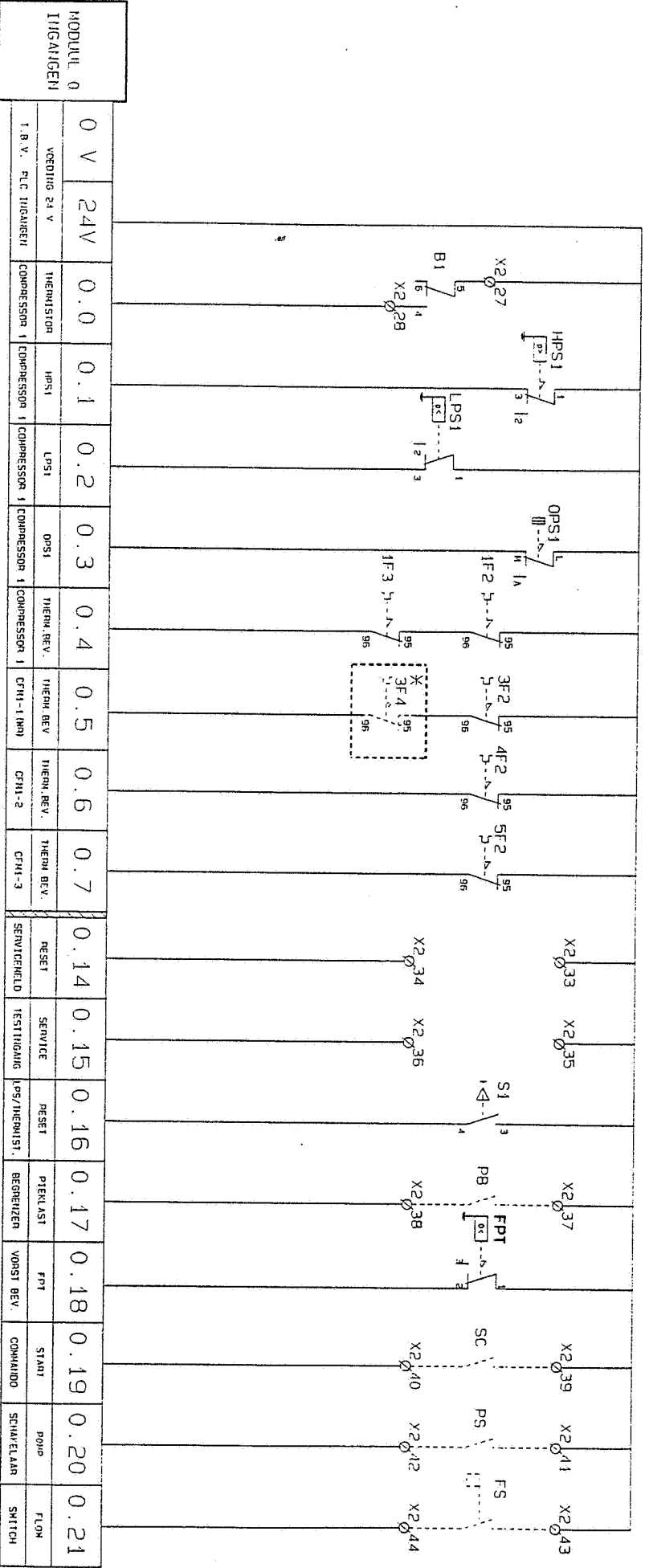
\* BIJ MIJNREGLING MAGNETISCHAKELAAR BK2 MONTIJEEN!  
 EN DE DOORVERBINDING TUSSEN KLEM 19 EN 20 VERMIJDEBEN.

|                      |                      |                      |                      |
|----------------------|----------------------|----------------------|----------------------|
| REVOLUITE 06-05-1993 | REVOLUITE 23-06-1993 | REVOLUITE 06-05-1993 | REVOLUITE 23-06-1993 |
| DATE 16-11-1992      | DATE 16-11-1992      | DATE 16-11-1992      | DATE 16-11-1992      |
| DWG 121 106092100    | DWG 121 106092100    | DWG 121 106092100    | DWG 121 106092100    |
| SHEET 05             | SHEET 05             | SHEET 05             | SHEET 05             |

Stork Refac B.V.



AT100D-ST/LN- (M3) - (UL)



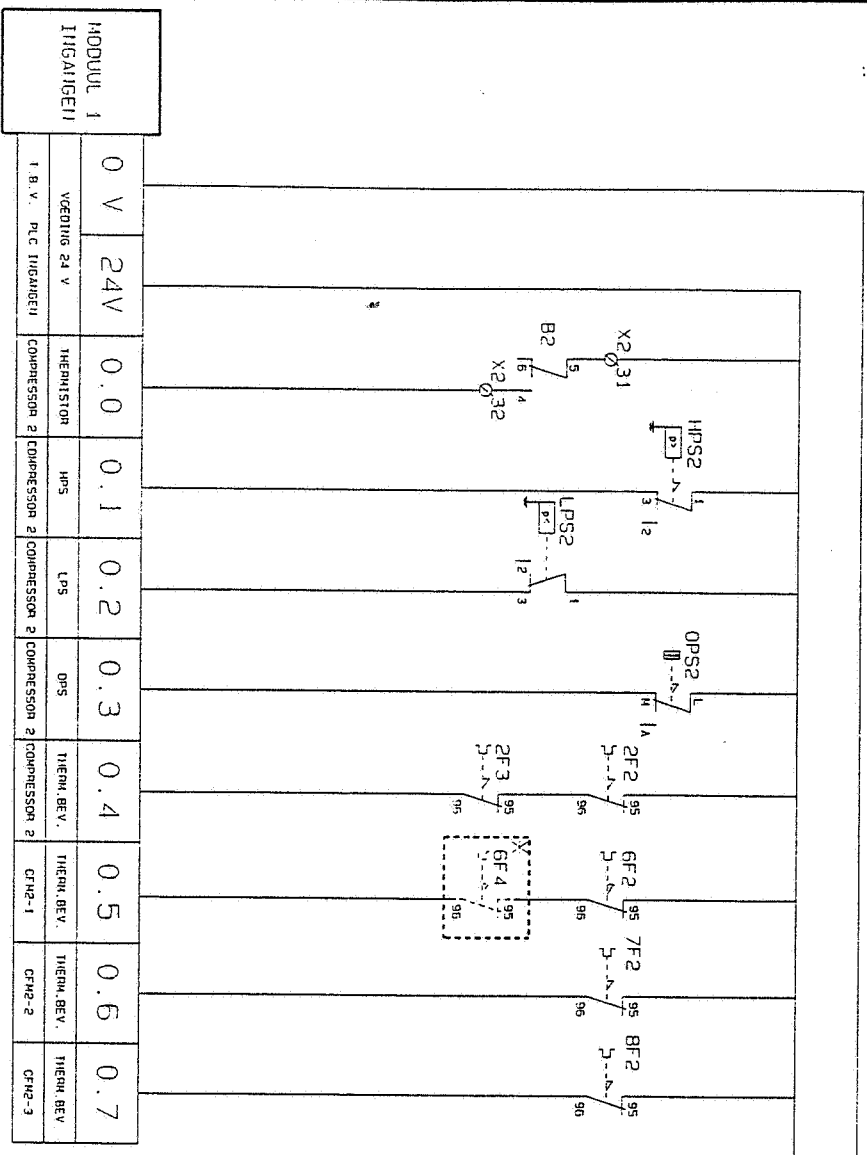
MODUL 0  
TITIGANGEN

|                       |              |              |              |              |              |             |             |             |             |            |              |           |             |         |            |        |      |
|-----------------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|-------------|------------|--------------|-----------|-------------|---------|------------|--------|------|
| 0 V                   | 24V          | 0.0          | 0.1          | 0.2          | 0.3          | 0.4         | 0.5         | 0.6         | 0.7         | 0.14       | 0.15         | 0.16      | 0.17        | 0.18    | 0.19       | 0.20   | 0.21 |
| VERDIING 24 V         | THEMUSTION   | HPS1         | LPS1         | OPS1         | THERM. BEV.  | THERM. BEV. | THERM. BEV. | THERM. BEV. | RESET       | SERVICE    | RESET        | PIERLAST  | FPT         | START   | POUD       | FLON   |      |
| I.B.V. PLC TITIGANGEN | COMPRESSOR 1 | COMPRESSOR 1 | COMPRESSOR 1 | COMPRESSOR 1 | COMPRESSOR 1 | CFM1-1 (RM) | CFM1-2      | CFM1-3      | SEWTEDEMOLO | TESTTIDANG | LP5/THEMUST. | BEGRENZER | VORST. BEV. | COMANDO | SCHWELJAAR | SWITCH |      |

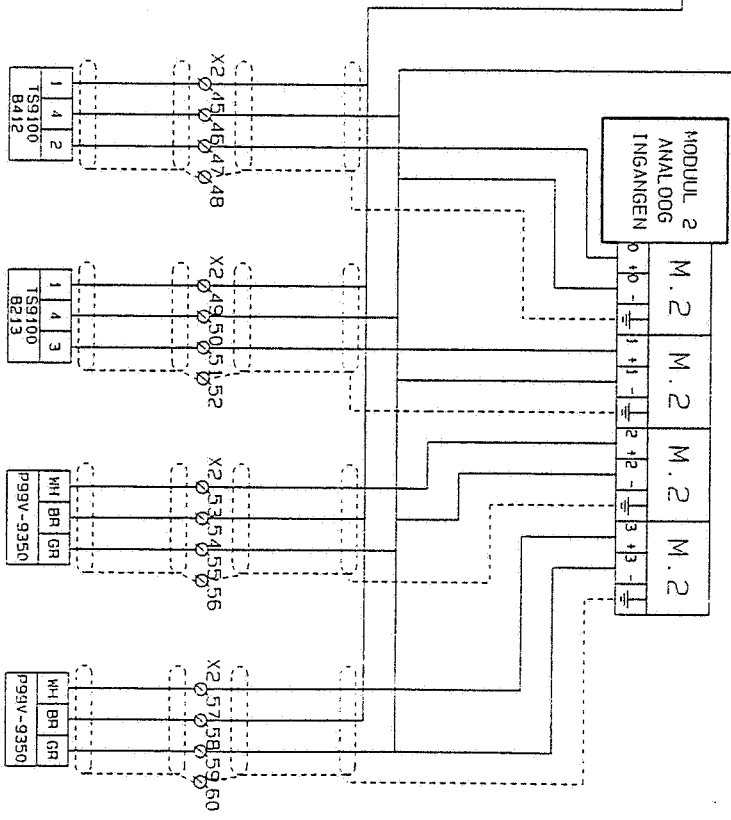
|                    |          |                            |              |                  |          |
|--------------------|----------|----------------------------|--------------|------------------|----------|
| REVDATE 23-06-1993 | REVING A | REVDATE                    | REVLR        | REVDATE          | REVLR    |
| DATE 16-11-1992    | SUBJECT  | AT 1000-ST/LN- (MR) - (UL) |              |                  |          |
| DR JWS             |          |                            |              |                  |          |
| Stork Refac B.V.   |          |                            | <b>REBAG</b> | ONG 1P 106092100 | SHEET 06 |

\* OPTIE WINTERREGELING

*grr. 11/6/92*



|                        |  |              |              |              |              |              |              |              |              |              |              |
|------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| MODUL 1<br>INGANGEN    |  | 0 V          | 24V          | 0.0          | 0.1          | 0.2          | 0.3          | 0.4          | 0.5          | 0.6          | 0.7          |
| VEEDING 24 V           |  | HEMISTION    | HP5          | LPS          | OPS          | THERM. BEV.  | THERM. BEV.  | THERM. BEV.  | CFM2-1       | CFM2-2       | CFM2-3       |
| I. B. V. n.c. INGANGEN |  | COMPRESSOR 2 | COMPRESSOR 2 | COMPRESSOR 2 | COMPRESSOR 2 | COMPRESSOR 2 | COMPRESSOR 2 | COMPRESSOR 2 | COMPRESSOR 2 | COMPRESSOR 2 | COMPRESSOR 2 |



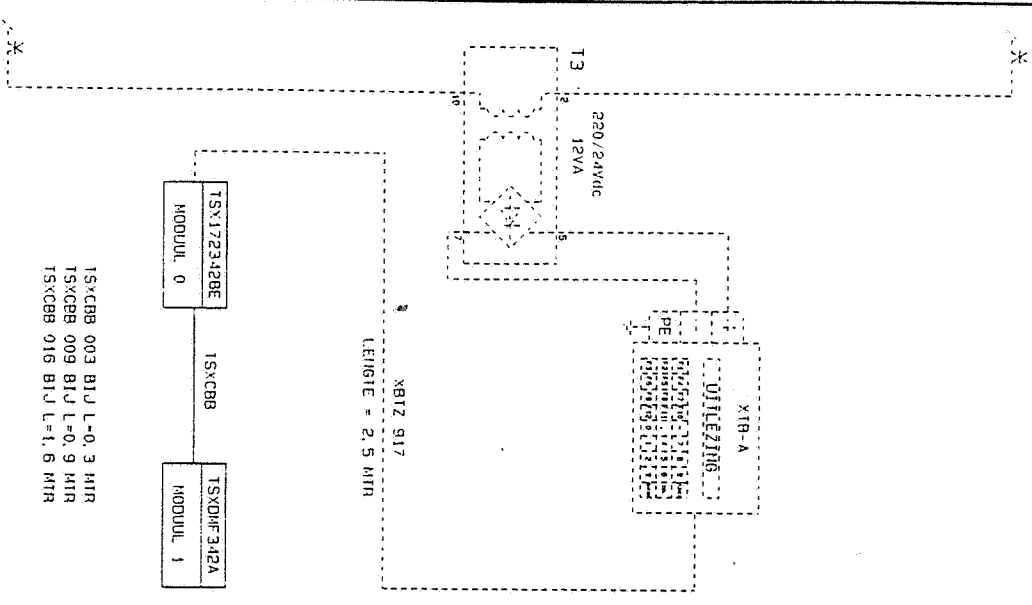
BUTENLICHT (ATS)      MATER. INTRIEDE (ATS)      COMPRESSORPOMPE CIRCUIT 1 (HP11)      COMPRESSORPOMPE CIRCUIT 2 (HP12)

|                    |                  |                           |                   |          |          |
|--------------------|------------------|---------------------------|-------------------|----------|----------|
| REVDATE 23-06-1993 | REV. ITR A       | REVDATE                   | REV. ITR          | REVDATE  | REV. ITR |
| DATE 16-11-1992    | SUBJECT          | AI100D-ST/LN- (MR) - (VL) | ORIGEN            | REV. ITR |          |
| DR JVS             | Stork Refac B.V. |                           | ONS ITR 106092100 | SHEET 07 |          |

\* OPTIE WINTERREGELING

*9.2.91 6.9.92*

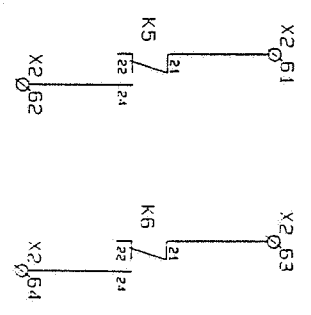
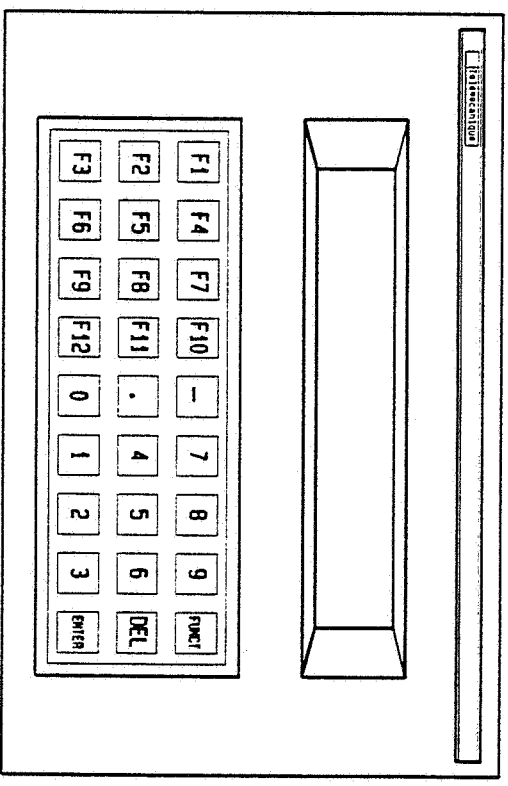




TSXCRB 003 BIJ L=0,3 MTR  
TSXCRB 009 BIJ L=0,9 MTR  
TSXCRB 016 BIJ L=1,6 MTR

### OPTIE UITLEZER

- F1 = Conditie menu
  - F2 = Meldingen doorlopen
  - F3 = Koelmachine starten
  - F4 = Terug naar het hoofdmenu
  - F5 = Melding vasthouden
  - F6 = Koelmachine stoppen
  - F12 = I.D code (E)
- Functie 70 ENTER = Selecteer teststand  
 Functie 71 ENTER = Reset teststand  
 Functie 90 ENTER = Reset lage druk / thermistor-storing  
 Functie 91 ENTER = Reset service melding  
 Functie 92 ENTER = Setpoint verstelling (E)

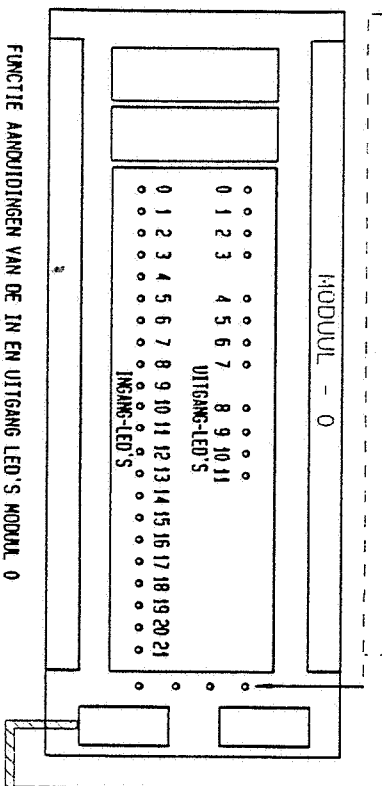
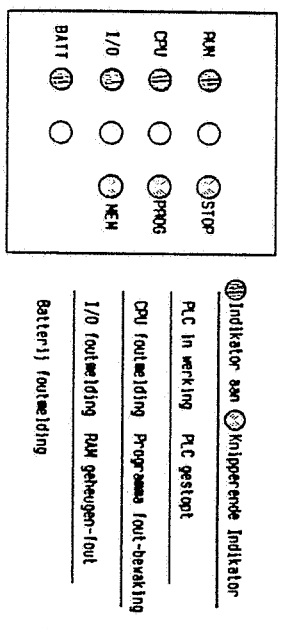


CONTINU = STORING KOELMACHINE  
PULS = EXTERN GEBLOKKEERD

CONTINU = BEDRIJF  
PULS = INTERN GEBLOKKEERD

\* OPTIE UITLEZER

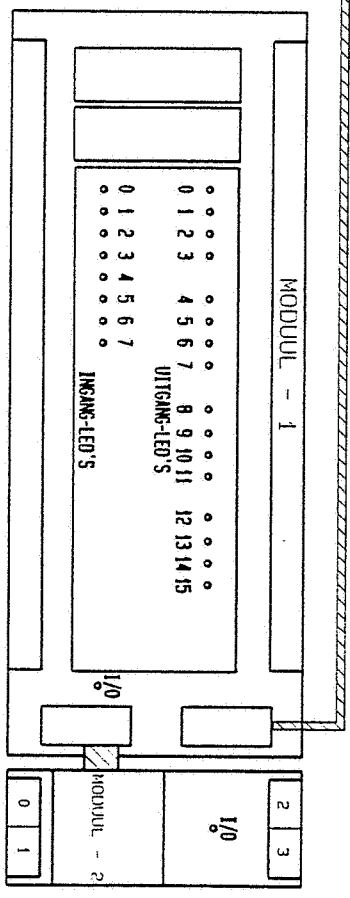
|                    |           |                           |           |         |         |
|--------------------|-----------|---------------------------|-----------|---------|---------|
| REVDATE 05-05-1993 | REV. IN A | REVDATE                   | REV. IN   | REVDATE | REV. IN |
| DATE 10-11-1992    | SUBJECT   | AT1000-ST/LN- (WR) - (UL) | DR JVS    | DR JVS  | DR JVS  |
| Stork Refac B.V.   |           |                           | 106092100 |         |         |
| 08                 |           |                           | 08        |         |         |



FUNCTIE AANDUIDINGEN VAN DE IN EN UITGANG LED'S MODULE 0

| NR. FUNCTIE                             | NR. FUNCTIE                            |
|---|--|
| 0 THERMISTOR COMPRESSOR 1               | 0 -                                    |
| 1 HOZE DRUK CIRCUIT 1                   | 1 -                                    |
| 2 LAZE DRUK CIRCUIT 1                   | 2 -                                    |
| 3 OLIEDRUK VERSCHIL COMPRESSOR 1        | 3 SERVICE MELDING                      |
| 4 THERM. BEV. COMPRESSOR 1              | 4 CONDENSOR VENTILATOR 1/1 (NR)        |
| 5 THERM. BEV. CONDENSORMOTOR 1/1 (NR)   | 5 CONDENSOR VENTILATOR 1/1             |
| 6 THERM. BEV. CONDENSORMOTOR 1/2        | 6 CONDENSOR VENTILATOR 1/2             |
| 7 THERM. BEV. CONDENSORMOTOR 1/3        | 7 CONDENSOR VENTILATOR 1/3             |
| 8 COMPRESSOR 1 AANSTURING               | 8 MAGNETEIVENT 1/1 CAPACITEITSREGELING |
| 9 MAGNETEIVENT 1/1 CAPACITEITSREGELING  | 9 MAGNETEIVENT 1/2 CAPACITEITSREGELING |
| 10 MAGNETEIVENT 1/2 CAPACITEITSREGELING | 10 THERMISTOR 1 STURING                |
| 11 THERMISTOR 1 STURING                 |  |
| 14 RESET SERVICE MELDING                |  |
| 15 SERVICE TESTINGANG                   |  |
| 16 RESET LAZE DRUK / THERMISTOR         |  |
| 17 PIEKLAZI BEGRENZER KWH               |  |
| 18 VORSTBEVEILIGING                     |  |
| 19 START COMANDO                        |  |
| 20 POMP SCHAKELAAR                      |  |
| 21 FLOW SCHAKELAAR                      |  |

NET-SPANNING UITSCHAKELEN INDIEN HANDELLINGEN AAN DE PLC MOEDEN VERRICHTI!

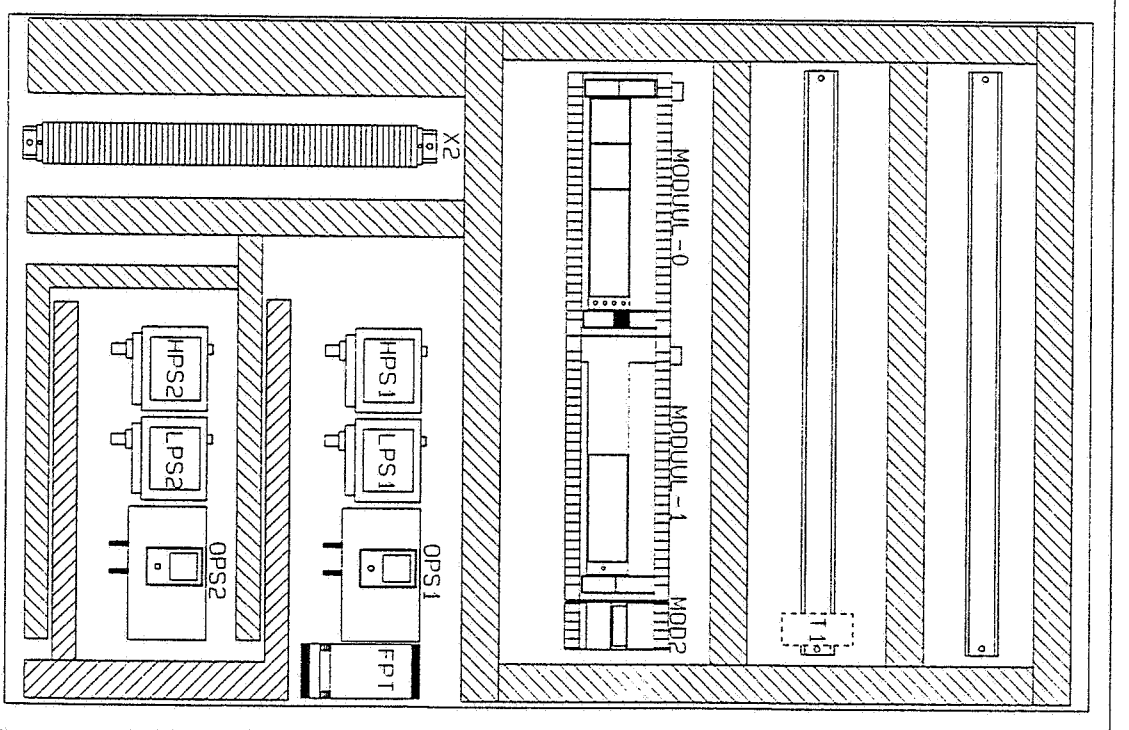
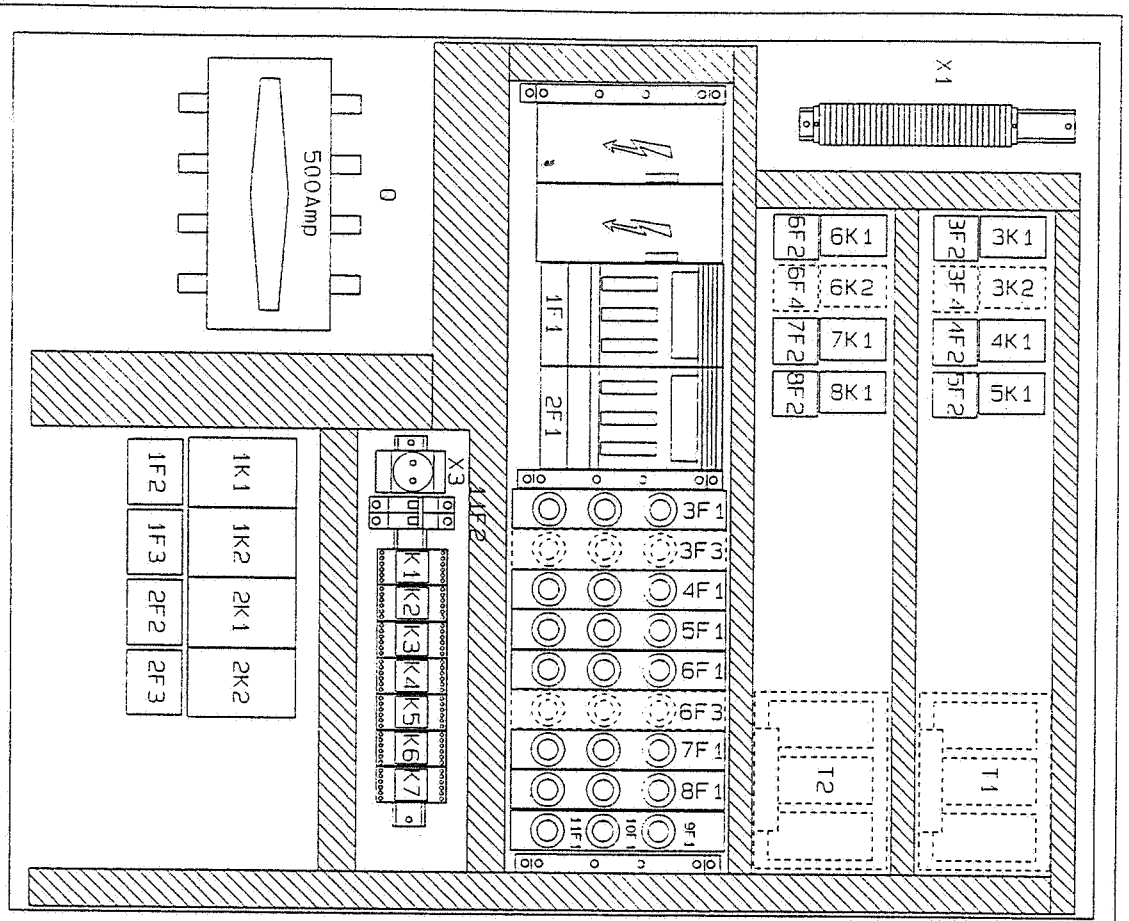


FUNCTIE AANDUIDINGEN VAN DE IN EN UITGANG LED'S MODULE 1

| NR. FUNCTIE                             | NR. FUNCTIE                             | NR. FUNCTIE            |
|---|---|------------------------|
| 0 THERMISTOR COMPRESSOR 2               | 0 -                                     | 0 BUITENLUCHT          |
| 1 HOZE DRUK CIRCUIT 2                   | 1 -                                     | 1 WATERINBREDE         |
| 2 LAZE DRUK CIRCUIT 2                   | 2 -                                     | 2 CONDENSORDRUK CIRK 1 |
| 3 OLIEDRUK VERSCHIL COMPRESSOR 2        | 3 -                                     | 3 CONDENSORDRUK CIRK 2 |
| 4 THERM. BEV. COMPRESSOR 2              | 4 -                                     |                        |
| 5 THERM. BEV. CONDENSORMOTOR 2/1 (NR)   | 5 VERDAMPER VERKARMING AANSTURING       |                        |
| 6 THERM. BEV. CONDENSORMOTOR 2/2        | 6 CONDENSOR VENTILATOR 2/1 (NR)         |                        |
| 7 THERM. BEV. CONDENSORMOTOR 2/2        | 7 CONDENSOR VENTILATOR 2/1              |                        |
| 8 THERM. BEV. CONDENSORMOTOR 2/3        | 8 CONDENSOR VENTILATOR 2/3              |                        |
| 9 CONDENSOR VENTILATOR 2/3              | 9 CONDENSOR VENTILATOR 2/3              |                        |
| 10 CONDENSOR VENTILATOR 2/3             | 10 CONTINU = STORING KOELMACHINE        |                        |
| 11 CONTINU = BEDRIJF                    | 11 CONTINU = BEDRIJF                    |                        |
| 12 CONTINU = INTERN GELOKKEERD          | 12 CONTINU = INTERN GELOKKEERD          |                        |
| 13 COMPRESSOR 2 AANSTURING              | 13 COMPRESSOR 2 AANSTURING              |                        |
| 14 MAGNETEIVENT 2/1 CAPACITEITSREGELING | 14 MAGNETEIVENT 2/1 CAPACITEITSREGELING |                        |
| 15 MAGNETEIVENT 2/2 CAPACITEITSREGELING | 15 MAGNETEIVENT 2/2 CAPACITEITSREGELING |                        |
| 16 THERMISTOR 2 STURING                 | 16 THERMISTOR 2 STURING                 |                        |

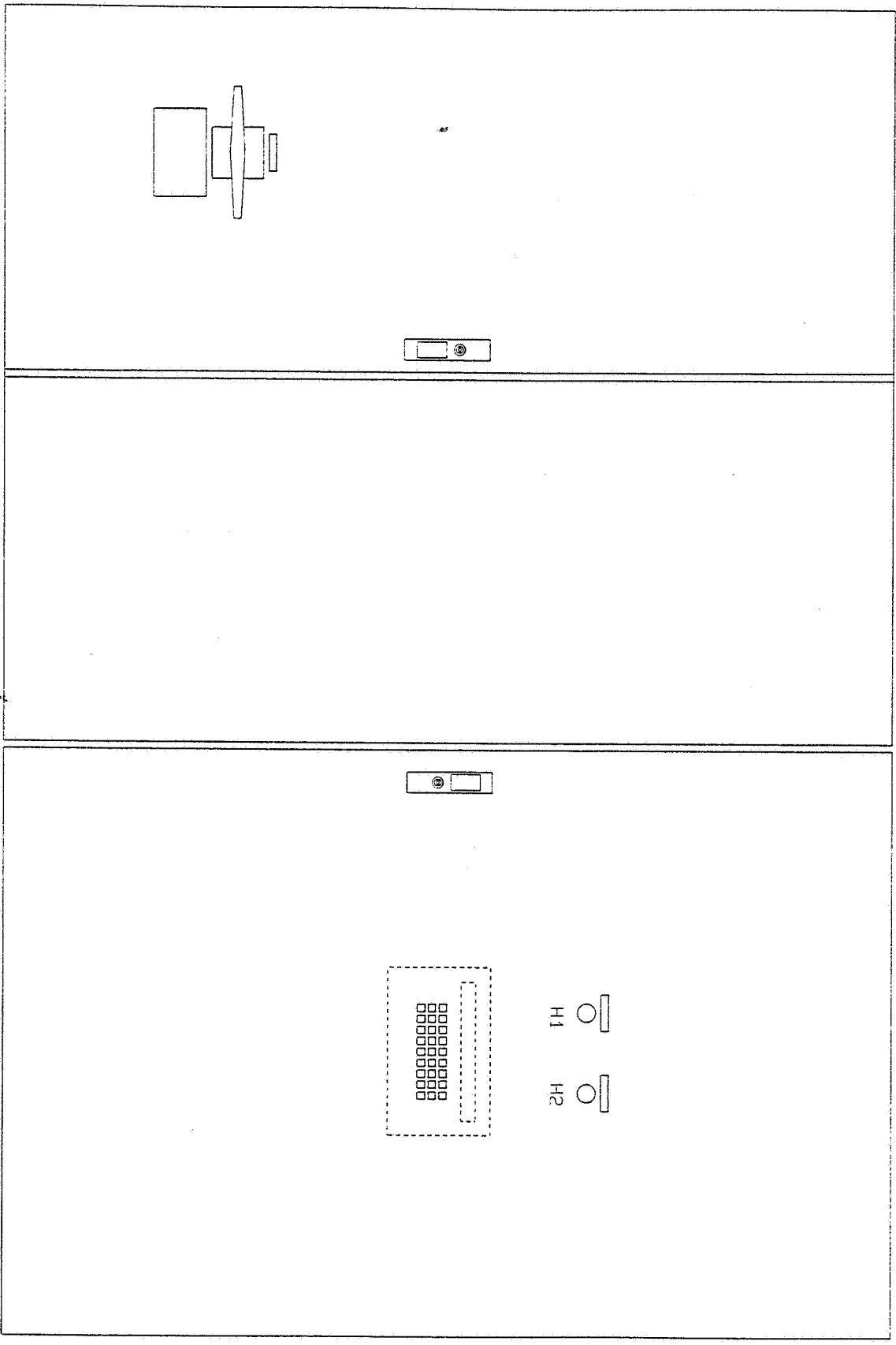
INGANGEN VAN MODULE 2

REVDATE 23-06-1993  
 DATE 16-11-1992  
 REV/LR A  
 SUBJECT AT100D-ST/LN - (NR) - (UL)  
 Stork Refac B.V.  
 106092100  
 SHEET 09



|                  |                           |         |         |         |         |
|------------------|---------------------------|---------|---------|---------|---------|
| REVDATE          | REV/INR                   | REVDATE | REV/INR | REVDATE | REV/INR |
| DATE             | SUBJECT                   | DATE    | SUBJECT | DATE    | SUBJECT |
| 16-11-1992       | AT100D-ST/LN- (WR) - (UL) |         |         |         |         |
| DR               | JMS                       |         |         |         |         |
| Stork Refac B.V. |                           |         |         |         |         |
| 92373            |                           |         |         |         |         |
| DRG NR           | 106092100                 |         |         |         |         |
| SHEET            | 10                        |         |         |         |         |

92373

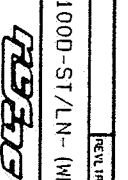


|         |            |                             |                           |           |        |
|---------|------------|-----------------------------|---------------------------|-----------|--------|
| REVDATE | REV/LR     | REVDATE                     | REV/LR                    | REVDATE   | REV/LR |
| DATE    | 16-11-1992 | SUBJECT                     | AT100D-ST/LN- (WR) - (UL) | ORIGIN    |        |
| DR      | JYS        | <b>Stork Refac B.V.</b><br> |                           |           | ONG NR |
|         |            |                             |                           | 106092100 | SHEET  |
|         |            |                             |                           |           | 11     |

*92.06.69.52*

| Code   | Omschrijving          | Fabriek           | Type                  |
|--------|-----------------------|-------------------|-----------------------|
| 0      | Hoofdschakelaar       | Holtec            | Dumeco S 32v/4        |
| 1F1    | Mespatroonhouder      | Rittal            | SV 3401               |
| 2F1    | Mespatroonhouder      | Rittal            | SV 3401               |
| 3F1    | Zekeringshouder       | Rittal            | SV3427 + SV2428       |
| 3F3    | Zekeringshouder       | Rittal            | SV3427 + SV2428 (NR)  |
| 4F1    | Zekeringshouder       | Rittal            | SV3427 + SV2428       |
| 5F1    | Zekeringshouder       | Rittal            | SV3427 + SV2428       |
| 6F1    | Zekeringshouder       | Rittal            | SV3427 + SV2428 (NR)  |
| 6F3    | Zekeringshouder       | Rittal            | SV3427 + SV2428       |
| 7F1    | Zekeringshouder       | Rittal            | SV3427 + SV2428       |
| 8F1    | Zekeringshouder       | Rittal            | SV3427 + SV2428       |
| 9-11F1 | Zekeringshouder       | Rittal            | SV3427 + SV2428       |
| 11F2   | Instalatieverantwoord | A.B.R.            | 5P51-1-61A            |
| 11F3   | Zekeringsklem         | Sprecher en Schuh | VUS1 4-10 M           |
| 1K1    | Magneetschakelaar     | Sprecher en Schuh | CA3-60-220V50-11      |
| 1F2    | Magneetschakelaar     | Sprecher en Schuh | CA3 60 220V50-11      |
| 2K1    | Magneetschakelaar     | Sprecher en Schuh | CA3-60-220V50-11      |
| 2K2    | Magneetschakelaar     | Sprecher en Schuh | CA3-60-220V50-11      |
| 3K1    | Magneetschakelaar     | Sprecher en Schuh | CA3-09-220V50-10      |
| 3K2    | Magneetschakelaar     | Sprecher en Schuh | CA3-09-220V50-10 (NR) |
| 4K1    | Magneetschakelaar     | Sprecher en Schuh | CA3-09-220V50-10      |
| 5K1    | Magneetschakelaar     | Sprecher en Schuh | CA3-09-220V50-10      |
| 6K1    | Magneetschakelaar     | Sprecher en Schuh | CA3-09-220V50-10 (NR) |
| 7K1    | Magneetschakelaar     | Sprecher en Schuh | CA3-09-220V50-10      |
| 8K1    | Magneetschakelaar     | Sprecher en Schuh | CA3-09-220V50-10      |
| 1F2    | Thermisch relais      | Sprecher en Schuh | CT3-52-52A            |
| 1F3    | Thermisch relais      | Sprecher en Schuh | CT3-52-52A            |
| 2F2    | Thermisch relais      | Sprecher en Schuh | CT3-52-52A            |
| 2F3    | Thermisch relais      | Sprecher en Schuh | CT3-52-52A            |
| 3F2    | Thermisch relais      | Sprecher en Schuh | CT3-12-2-5A           |
| 3F4    | Thermisch relais      | Sprecher en Schuh | CT3-12-1-6A (NR)      |
| 4F2    | Thermisch relais      | Sprecher en Schuh | CT3-12-4-0A (LH)      |
| 5F2    | Thermisch relais      | Sprecher en Schuh | CT3-12-4-0A (LH)      |
| 6F2    | Thermisch relais      | Sprecher en Schuh | CT3-12-2-0A (LH)      |
| 5F4    | Thermisch relais      | Sprecher en Schuh | CT3-12-2-5A           |
| 7F2    | Thermisch relais      | Sprecher en Schuh | CT3-12-1-6A (NR)      |
| 8F2    | Thermisch relais      | Sprecher en Schuh | CT3-12-4-0A (LH)      |
| 9F2    | Thermisch relais      | Sprecher en Schuh | CT3-12-2-0A (LH)      |
| 10F2   | Thermisch relais      | Sprecher en Schuh | CT3-12-2-5A (LH)      |

| Code | Omschrijving              | Fabriek           | Type               |
|------|---------------------------|-------------------|--------------------|
| K1   | Relais                    | Sprecher en Schuh | CH1-3W-220Vac/E    |
| K2   | Tijmoduul                 | Sprecher en Schuh | CH1-Z-240V-50/60Hz |
| K3   | Relais                    | Sprecher en Schuh | CH1-3W-220Vac/E    |
| K4   | Relais                    | Sprecher en Schuh | CH1-3W-220Vac/E    |
| K5   | Relais                    | Sprecher en Schuh | CH1-3W-220Vac/E    |
| K6   | Relais                    | Sprecher en Schuh | CH1-3W-220Vac/E    |
| K7   | Relais                    | Sprecher en Schuh | CH1-3W-220Vac/E    |
| H1   | Signaalamp                | Sprecher en Schuh | DEL03-R-B-E        |
| H2   | Signaalamp                | Sprecher en Schuh | DEL03-R-B-E        |
| X3   | Wandcontactdoos           | Vynckler          | WOR 2              |
| T3   | 3-fasen registrator       | Fischbach         | FOR 3.5/3 (NR)     |
| TP1  | Versthermostaat           | Johnson Controls  | SS120230 (UL)      |
| OP1  | 01lediff. pressostaat     | Johnson Controls  | A19ACT 9116        |
| OP2  | 01lediff. pressostaat     | Johnson Controls  | P45IBB-9680C       |
| HP1  | Hogedruk pressostaat      | Johnson Controls  | P77BEA-9350        |
| LP1  | Lagedruk pressostaat      | Johnson Controls  | P77AAA-9300        |
| MS   | Temp. opnemer buitenlucht | Johnson Controls  | TS9100-8412        |
| HP11 | Drukopnemer circ. 1       | Johnson Controls  | P99V-9350          |
| HP12 | Drukopnemer circ. 2       | Johnson Controls  | P99V-9350          |
| M-0  | P.L.C.                    | Telemecanique     | TSX 1723428E       |
| M-1  | Uitbreidingsblok          | Telemecanique     | TSX DMF 242A       |
| M-2  | Analoog moduul            | Telemecanique     | TSX AEG 4110       |
| TS   | Thermostaat (FR)          | Johnson Controls  | A19BHC-9251 (LN)   |
| FR   | Fan motor                 | Oimo motors       | RR146F9404.04 (LH) |

|                  |         |                           |  |            |         |
|------------------|---------|---------------------------|--|------------|---------|
| REVUITE          | REVUIN  | REVUITE                   | REVUIN   | REVUITE    | REVUIN  |
| DATE 16-11-1992  | SUBJECT | AT1000-ST/LN- (NR) - (UL) | DATE   | 16-11-1992 | SUBJECT |
| Stork Refac B.V. |         |                           |  |            |         |
| DR               | JVS     | DRG 1P                    | 106092100  | SHEET      | 12      |

*per 16. 1/2-93*



