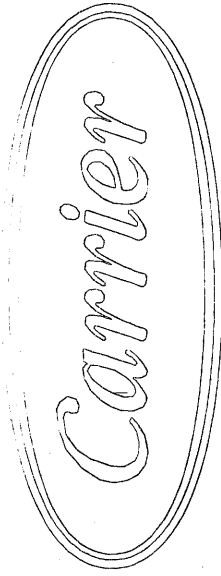


| SHEET BLAD | DESCRIPTION BESKRIVNING |
|---------------|--|
| 2 | SITING OVERSIKTSVY AGGREGAT |
| 3 | SITING OVERSIKTSVY AGGREGAT |
| 4 | SITING OVERSIKTSVY AGGREGAT |
| 5 | SITING OVERSIKTSVY AGGREGAT |
| 6-7 | COMPONENT DESIGNATION 4P-REATLISTA |
| 8 | POWER SUPPLY KRAFTMATNING |
| 9 | CONTROL CONNECTIONS ANSLUTNINGAR STYRKRETS |
| 10 | CONTROL SUPPLY TRANSFORMER AND OPTIONAL HEATER CIRCUIT TRANSFORMATOR STYRKRETS OCH VÄRMARE (OPTION) |
| 11 | POWER AND CONTROL CIRCUIT COMPRESSOR 1 CIRCUIT A KRAFT OCH STYRKRETS KOMPRESSOR 1 KRETS A |
| 12 | POWER AND CONTROL CIRCUIT COMPRESSOR 2 CIRCUIT A KRAFT OCH STYRKRETS KOMPRESSOR 2 KRETS A |
| 13 | POWER AND CONTROL CIRCUIT COMPRESSOR 1 CIRCUIT B KRAFT OCH STYRKRETS KOMPRESSOR 1 KRETS B |
| 14 | CONDENSER FAN POWER AND CONTROL CIRCUIT A-B KRAFT OCH STYRKRETS KONDENSORFLÄKT, KRETS A-B |
| 15 | CONTROL WIRING STYRKRETS |
| 16 | CONTROL WIRING STYRKRETS |
| 17 | TERMINAL BLOCK AND NOTES PLINTAR OCH NOTERINGAR |

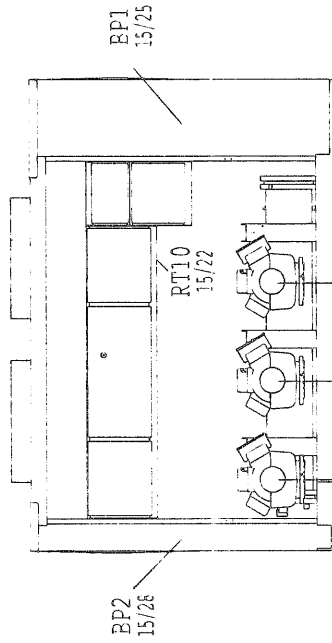


WIRING DIAGRAM ELSCHEMA

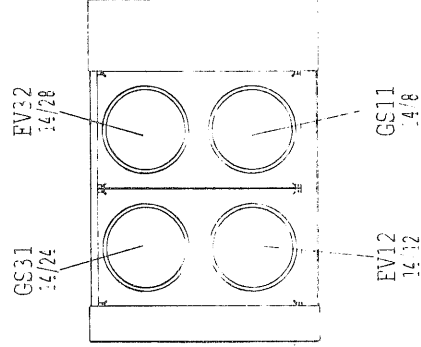
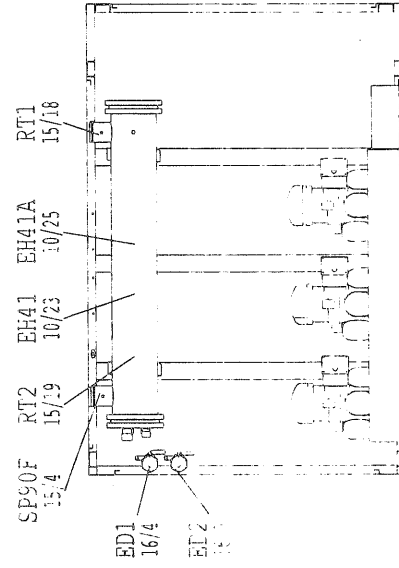
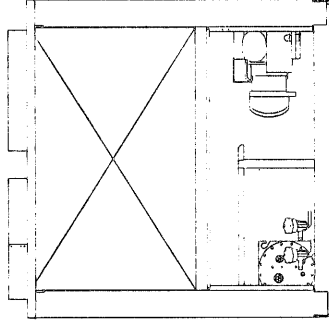
UNIT TYPE 30GK-095--0241-PEE--
 ENHET TYP
 ORDER NUMBER 0000108081
 ORDER NUMBER

| OPT NR NO OPTION | DESCRIPTION BESKRIVNING |
|---------------------|---|
| OPT 027 | OIL PRESSURE TRANSDUCER OLJEPREKSSVÄRT |
| OPT 028 | WATER START VÄTTERSTART |

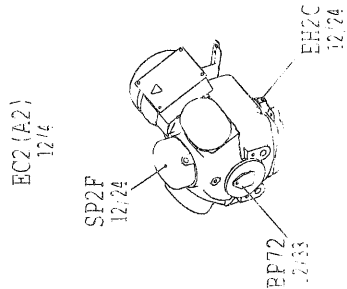
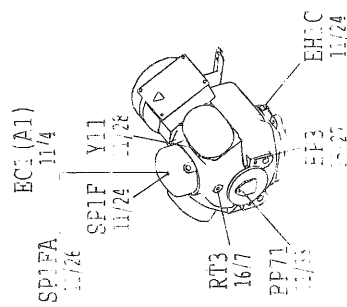
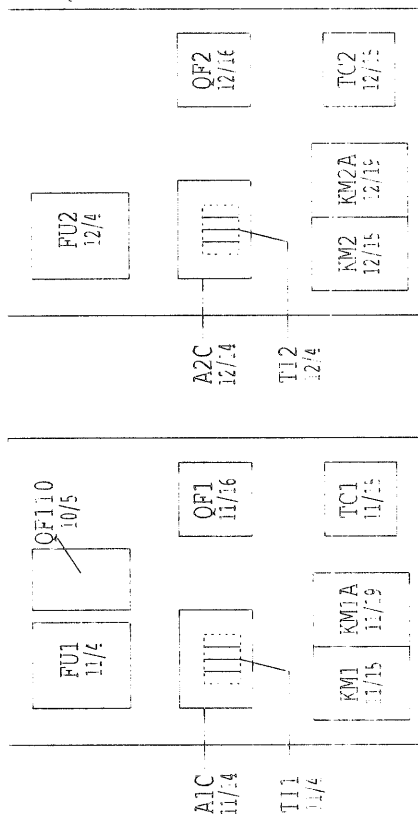
| | | |
|--------------------|-------------|---------|
| NEW CARRIER 100 | DATE 1/1/84 | SHEET 1 |
| 99SC 095GK559024EE | | A |

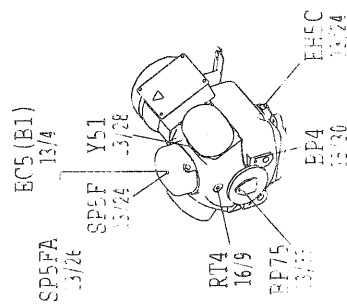
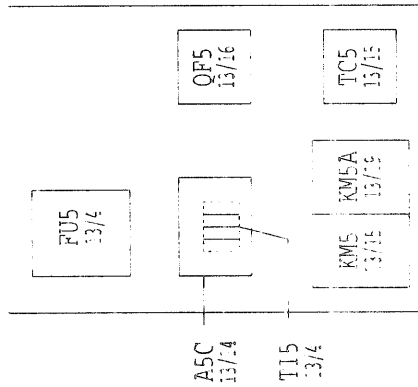


EC5 (B1) EC1 (A1) EC2 (A2)

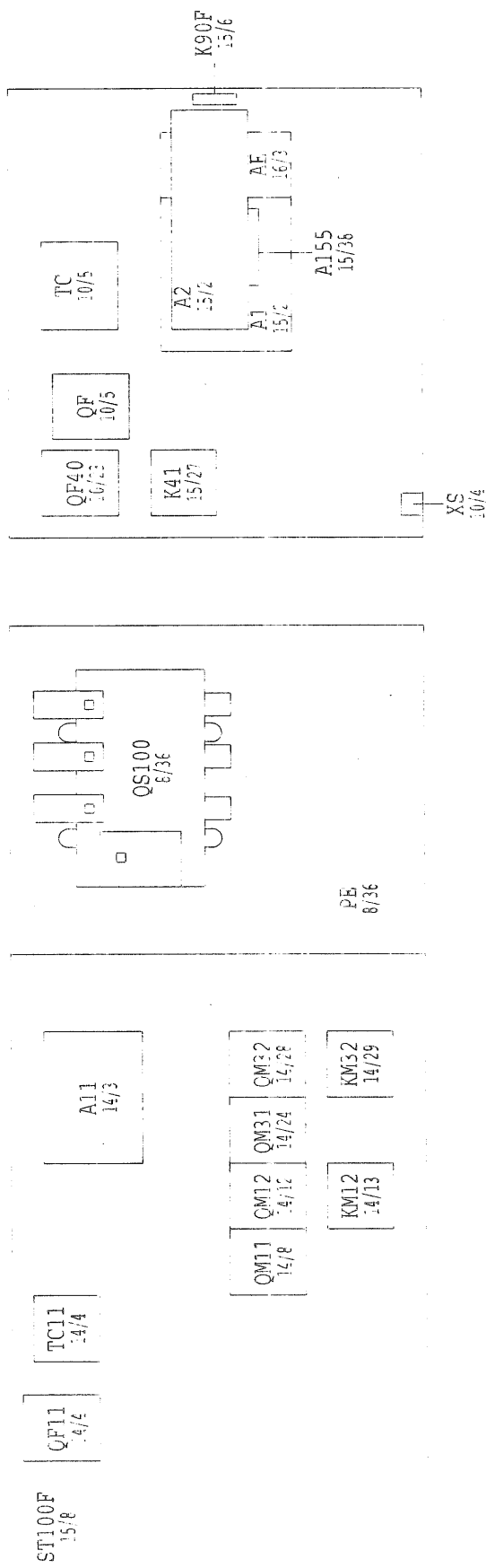


| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|--|---|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | | | |
| SITING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| OVERSIKTSVY AGGREGAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 99SC 095GK559024FF | | A |





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|----------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------------|----|----------|----|------|----|------|----|
| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| SITING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | NEW CASE FILE NO. | | FILE NO. | | DATE | | PAGE | |
| OVERSIKTSVY AGGREGAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 99SC 095GK559024 | | EH | | A | | 4 | |



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| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | | | | |
| SITING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | |
| OVERSIKTSVY AGGREGAT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 99SC 095GK559024EE | | | | A | | | |

| | | | |
|--------|--|--------|--|
| Q740 | HEATER CIRCUIT BREAKER | Q740 | MOTORSÄNDSBRYTARE VÄRMARENS |
| Q75 | CIRCUIT BREAKER, CONTROL CIRCUIT, COMPRESSOR | Q75 | LITUMULSLÖVNING MÄNNISKOR, KOMPRESSOR |
| QW1 | CONDENSER PAN CIRCUIT BREAKER, CIRCUIT A | QW1 | EFFEKTIVTÄRE MÄNNISKOR, KOMPRESSOR |
| QW2 | CONDENSER PAN CIRCUIT BREAKER, CIRCUIT A | QW2 | EFFEKTIVTÄRE, MOTORÄNDSBRYTARE, KONDENSORFLÄKT, KRETS A |
| QW3 | CONDENSER PAN CIRCUIT BREAKER, CIRCUIT E | QW3 | EFFEKTIVTÄRE, MOTORÄNDSBRYTARE, KONDENSORFLÄKT, KRETS E |
| QW4 | CONDENSER PAN CIRCUIT BREAKER, CIRCUIT B | QW4 | EFFEKTIVTÄRE, MOTORÄNDSBRYTARE, KONDENSORFLÄKT, KRETS B |
| Q8100 | GENERAL DISCONNECT SWITCH | Q8100 | HUVUDBRYTARE |
| RT1 | EVAPORATOR LEAVING WATER TEMPERATURE SENSOR | RT1 | TEMPERATURGIVARE UTGÅENDE VATTEN FÖRÄNGARE |
| RT10 | EMPIENT OR OUTSIDE AIR TEMPERATURE SENSOR | RT10 | TEMPERATURGIVARE FÖR OMGIVNINGENS- ELER UTMUNST-TEMPERATUR |
| RT2 | EVAPORATOR ENTERING WATER TEMPERATURE SENSOR | RT2 | TEMPERATURGIVARE INGÅENDE VATTEN FÖRÄNGARE |
| RT3 | SUCTION PRESSURE TEMPERATURE SENSOR, CIRCUIT A | RT3 | TEMPERATURGIVARE SUGAS, KRETS A |
| RT4 | SUCTION PRESSURE TEMPERATURE SENSOR, CIRCUIT B | RT4 | TEMPERATURGIVARE SUGAS, KRETS B |
| SP1F | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT A | SP1F | HÖGTRYCKSPRESSOSTAT KOMPRESSOR 1, KRETS A |
| SP1FA | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT A | SP1FA | HÖGTRYCKSPRESSOSTAT KOMPRESSOR 1, KRETS A |
| SP2F | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 2, CIRCUIT A | SP2F | HÖGTRYCKSPRESSOSTAT KOMPRESSOR 2, KRETS A |
| SP2FA | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 2, CIRCUIT A | SP2FA | HÖGTRYCKSPRESSOSTAT KOMPRESSOR 2, KRETS A |
| SP3F | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT E | SP3F | HÖGTRYCKSPRESSOSTAT KOMPRESSOR 1, KRETS E |
| SP3FA | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT E | SP3FA | HÖGTRYCKSPRESSOSTAT KOMPRESSOR 1, KRETS E |
| SP40F | EVAPORATOR PUMP FLOW SWITCH | SP40F | FLÖDESVEKT FÖRÄNGARPUMP |
| ST100F | ELECTRICAL BOX SAFETY THERMOSTAT | ST100F | TEMPERATURVAKT ELSKAP |
| TC | CONTROL CIRCUIT TRANSFORMER | TC | TRANSFORMATOR STYRKRETS |
| TC1 | CONTROL CIRCUIT TRANSFORMER, COMPRESSOR 1, CIRCUIT A | TC1 | TRANSFORMATOR STYRKRETS KOMPRESSOR 1, KRETS A |
| TC11 | FAN CONTROL CIRCUIT TRANSFORMER, CIRCUIT A | TC11 | TRANSFORMATOR STYRKRETS FLÄKTAR, KRETS A |
| TC2 | CONTROL CIRCUIT TRANSFORMER, COMPRESSOR 2, CIRCUIT A | TC2 | TRANSFORMATOR STYRKRETS KOMPRESSOR 2, KRETS A |
| TC5 | CONTROL CIRCUIT TRANSFORMER, COMPRESSOR 1, CIRCUIT B | TC5 | TRANSFORMATOR STYRKRETS KOMPRESSOR 1, KRETS B |
| TI1 | CURRENT TRANSFORMER, COMPRESSOR 1, CIRCUIT A | TI1 | STRÖMTÄNSFORMATOR KOMPRESSOR 1, KRETS A |
| TI2 | CURRENT TRANSFORMER, COMPRESSOR 2, CIRCUIT A | TI2 | STRÖMTÄNSFORMATOR KOMPRESSOR 2, KRETS A |
| TI5 | CURRENT TRANSFORMER, COMPRESSOR 1, CIRCUIT E | TI5 | STRÖMTÄNSFORMATOR KOMPRESSOR 1, KRETS E |
| Y2C | CONTROL TERMINAL BLOCK | Y2C | STYRKRETS |
| XS | PLUG | XS | UTTAG |
| Y11 | CAPACITY CONTROL VALVE, COMPRESSOR 1, CIRCUIT A | Y11 | KAPACITETSREGLERING, KOMPRESSOR 1, KRETS A |
| Y51 | CAPACITY CONTROL VALVE, COMPRESSOR 1, CIRCUIT E | Y51 | KAPACITETSREGLERING, KOMPRESSOR 1, KRETS E |

COMPONENT DESIGNATION
APPARATLISTA

POWER INPUT OF UNIT UNDER MAXIMUM LOAD, CONDITIONS
AGGREGATEETS TILFØRDE EFFEKT VED MAXIMALA DRIFTSVILKOR

15

MAXIMUM OPERATING CURRENT AT MINIMUM VOLTAGE (360V)
MAX STROBOSCOPIC VIL MIN SPANNING (360V)

275 2.

MAXIMUM CURRENT ON START-UP
MAXIMAL STARTSTROM

373.125

CURRENT DRAWN AT NOMINAL CONDITIONS (400V)
NOMINEL STRONGFORJING (400V)

2:912

(A007) GINNING VIL NMINN STROBROKREKUNGS STIX
(A007) ESTION TAINON JF INEEDD ONLEBBO MNIXIA

240.1 £

ASSUMED MAX SHORT-CIRCUIT CURRENT
PER KVA MAX MAX KORTCUTTINGSSFROM

25 kZ

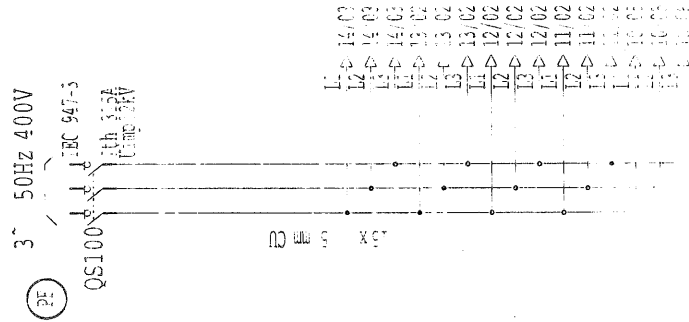
MAXIMUM WIRE SIZE
MAX KABELAREA

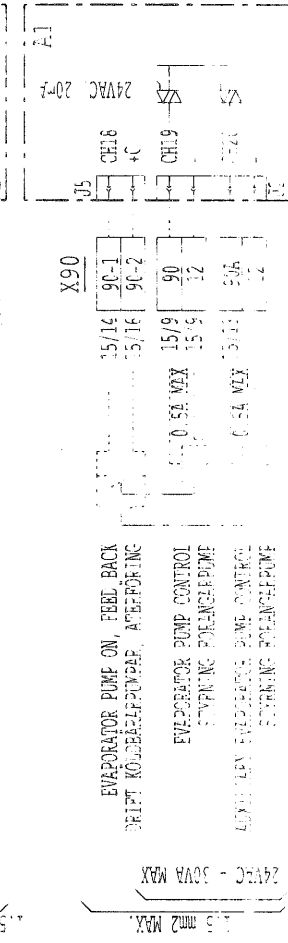
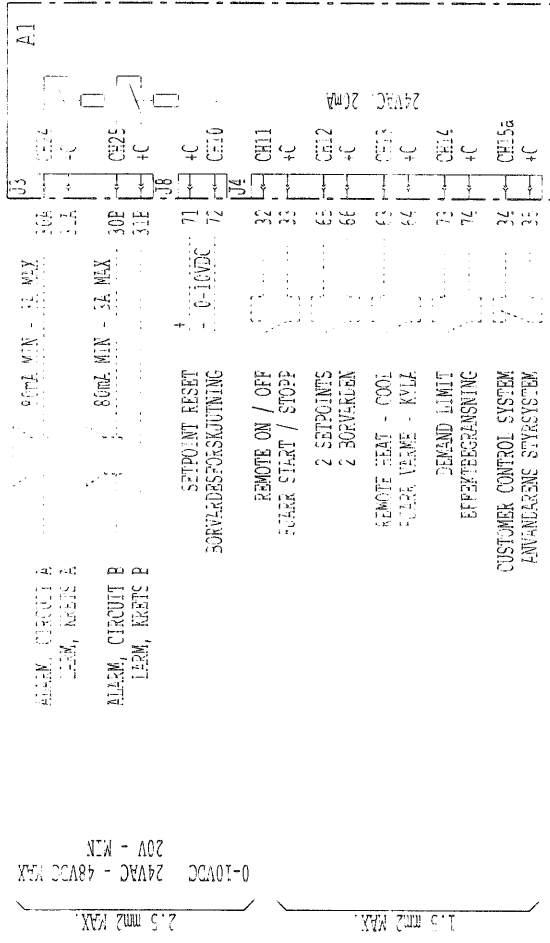
 $2x \div 85 = 0.00235$

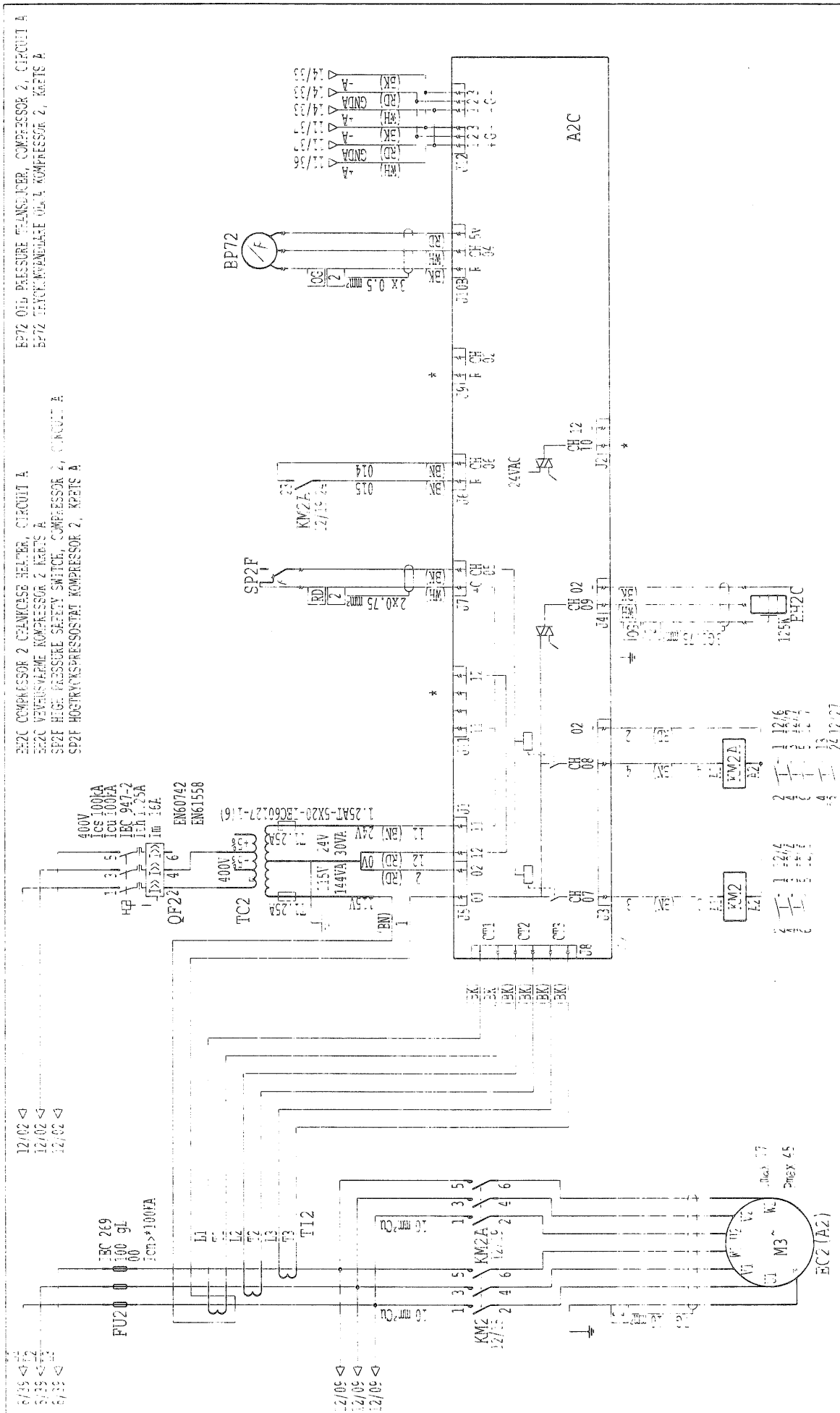
ALWAYS CHECK THE CERTIFIED DIMENSIONAL DRAWINGS
(9901) & BEEN DESIGNING AN INSTALLATION
THE EXISTING DIMENSIONS OF THE EXISTING
MUST CORRELATE WITH THE STATION AND ELEVATION
REQUIREMENTS ASSIGNED IN THE SITE OF
INSTALLATION
FOR MORE INFORMATION PLEASE CONTACT THE
AT NEW YORK

KONTROLLERET ALLTID MED CERTIFIKERET
 ENEMANNSSKEDNINGER OG VI PÅBEVISEN EN
 KONTROL
 I HVER ENKELT TILFÆLDE AV DET KONTROLLERET
 MÅSTE OVERENSSTEMME DET GIVNE TILFÆLDE
 OG VÆRE ENKELT
 OG VÆRE ENKELT OG VÆRE ENKELT

00100 GENERAL DISCONNECT SWITCH
00100 HUMIDIFIER/VENT





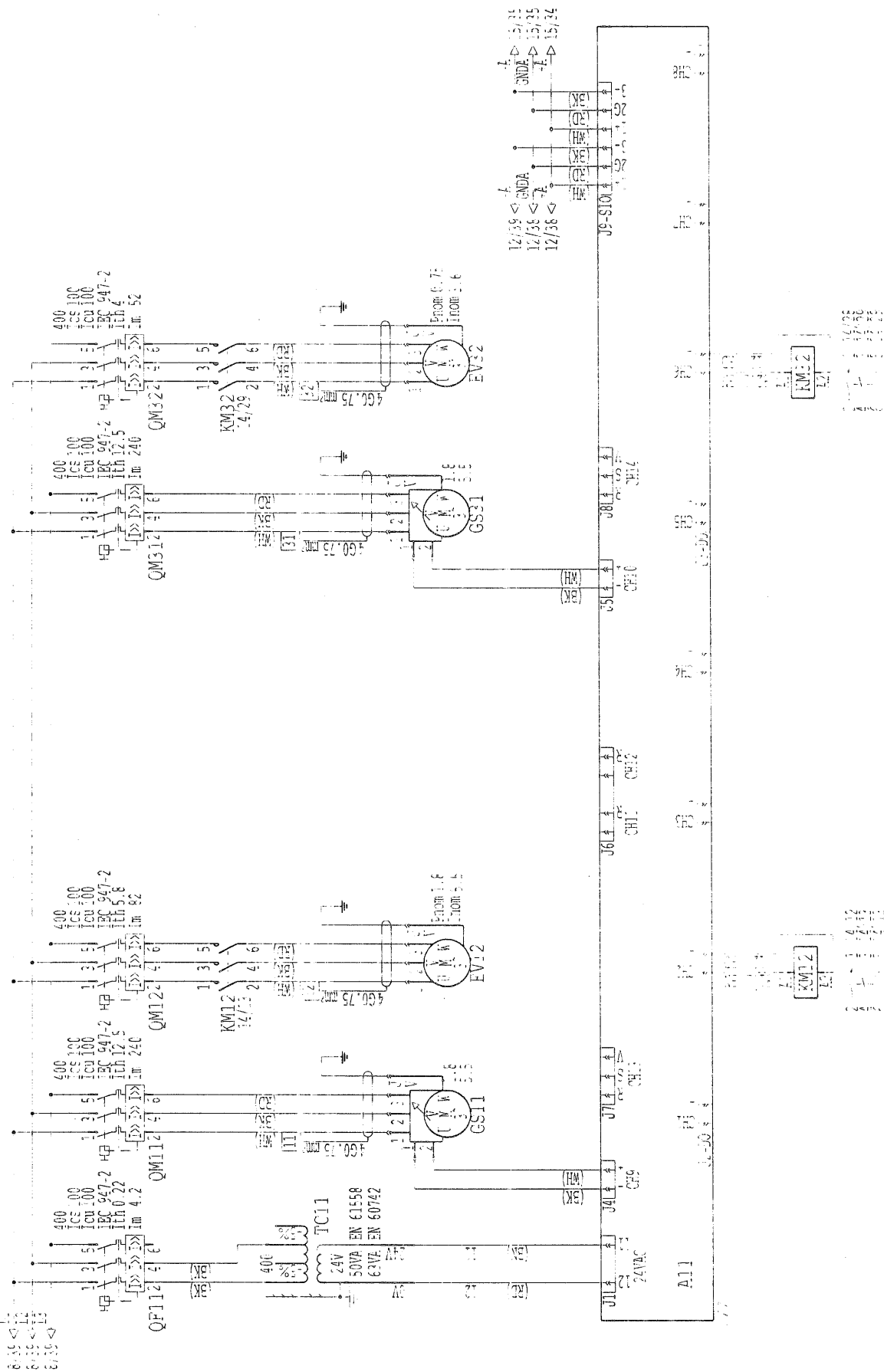


ER, COMPRESSO

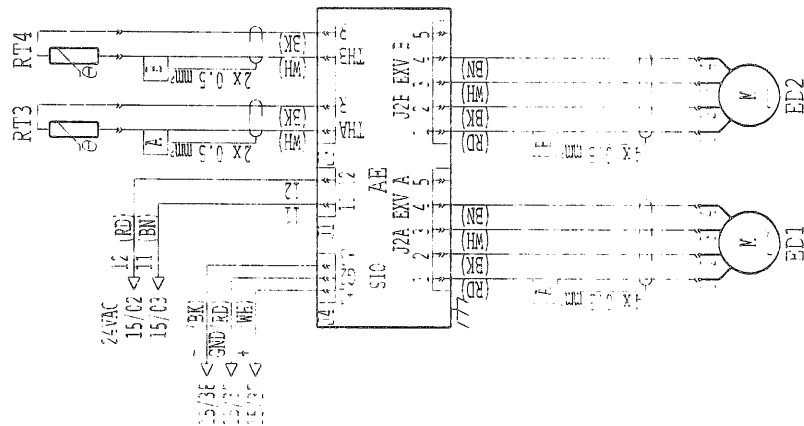


13

095GK559024FF



AE MODEL FOR STACKING AN EXPANSION VALVE, CIRCUIT A
 PF1 SUCTION PRESSURE TEMPERATURE SENSOR, CIRCUIT A
 RT3 TEMPERATURE SUGGESTS, KEYS A
 RT4 SUCTION PRESSURE TEMPERATURE SENSOR, CIRCUIT B
 RT4 TEMPERATURE SUGGESTS, KEYS B
 ED1 ELECTRONIC EXPANSION VALVE, CIRCUIT A
 ED2 ELECTRONIC EXPANSION VALVE, KEYS A
 ED2 ELECTRONIC EXPANSION VALVE, CIRCUIT B
 ED2 ELECTRONIC EXPANSION VALVE, KEYS B



CONTROL WIRING
STYRKRETS

INSIDE THE ELECTRICAL BOX (UNLESS OTHERWISE SPECIFIED): ALL POWER AND SUPPLY WIRES ARE BLACK.
MULTIFUNCTION REPORT WIRES (1 AND 3) ARE ORANGE.
THE SUPPLY WIRES (13-5 VAC) FOR MODULES A1EA AND A2EA ARE GREY.
THE 24+ OF THE 24 VAC NOT CONNECTED TO EARTH, WIRE 011 IS WHITE.
GROUND WIRES 2 AND 12 ARE RED.
GROUND WIRE 012 IS VIOLET.
THE COMMUNICATION BUS WIRES ARE WHITE, BLACK AND RED.
ALL OTHER WIRES ARE BROWN.
THE CONTROL WIRING IS 0.93 MM2, AWG 16 HOSVQ QUALITY .05 DEGREES WITH CORE, UNLESS OTHERWISE SPECIFIED.

I ELISKEPT GALLER, OM INGET ANNAT SPECIFICERATS; SAMTLIGA KRAFT- OCH MATINGSKABELLÄR ÄR SVARTA.
LÄSNÄBBLÄR 3C OCH 31 ÄR GULDBRUNA.
MÄTNINGSKABELLÄR (13-5 VAC) FÖR MODULER A1EA OCH A2EA ÄR GRÅ.
24+ VAC KABELLÄR ÄR INTE ANSLUTEN TILL JORD. KABELLÄR 011 ÄR VIT.
JORDKABELLÄR 2 OCH 12 ÄR RÖDA.
JORDKABELLÄR 012 ÄR VIOLETT.
KOMMUNIKATIONSBUSS-KABELLÄR ÄR VITA, SVARTA OCH RÖDA.
ALLA ÖVRIGA FÄBLÄR ÄR BRUNA.
FÖR MANÖVERFÄBLÄR FÖLJANDE OM INGET ANNAT SPECIFICERATS: AWG 16 HOSVQ, AREA 0.93 MM2, 105 GRADER CELSIUS

STANDARDISED WIRE COLOURING CODE
BLACK : BK
BLUE : BL
GREEN : GN
GREY : GR
RED : RD
WHITE : WH
BROWN : BN
GREEN : GN
ORANGE : OC
VIOLET : VI
YELLOW : YE

OUTSIDE THE ELECTRICAL BOX (UNLESS OTHERWISE SPECIFIED)
CONTROL AND SENSOR MULTI-CONDUCTOR CABLES ARE QUALITY 105 DEGREES WITH CORE, TYPE 05WVF FOR OUTDOOR USE

STANDARDISERADE FÄRSCODES FÖR KABELLÄR
SVART : EK
BLÅ : BL
GRÖN : GN
GRÅ : GR
RÖD : RÖ
VIOLETT : VI
GUL : YE
BRUN : BN

UTENFÖR ELKABELET, OM INGET ANNAT SPECIFICERATS, BÄLLER, GIVARE- OCH STYRKING-LÄDARE ÄR FÖLJANDE SPECIFICERATIONER.
KABELLTYP 05WVF FÖR ANVÄNDNING UTOMHUS. 105 GRADER CELSIUS