

SHEET BLAD	DESCRIPTION OMSCHRIJVING
2	SITING PLAATS VAN OPSTELLING
3	SITING PLAATS VAN OPSTELLING
4	SITING PLAATS VAN OPSTELLING
5	SITING PLAATS VAN OPSTELLING
6-7	COMPONENT DESIGNATION VERKLARING AFKORTINGEN
8	POWER SUPPLY ELEKTRISCHE VOEDING
9	CONTROL CONNECTIONS STUURSTROOM AANSLUITINGEN
10	CONTROL SUPPLY TRANSFORMER AND OPTIONAL HEATER CIRCUIT STUURSTROOM TRANSFORMATOR EN VERWARMINGS CIRCUIT OPTIE
11	POWER AND CONTROL CIRCUIT COMPRESSOR 1 CIRCUIT A HOOFSTROOM EN STUURSTROOM CIRCUIT COMPRESSOR 1 CIRCUIT A
12	POWER AND CONTROL CIRCUIT COMPRESSOR 2 CIRCUIT A HOOFSTROOM EN STUURSTROOM CIRCUIT COMPRESSOR 2 CIRCUIT A
13	POWER AND CONTROL CIRCUIT COMPRESSOR 1 CIRCUIT B HOOFSTROOM EN STUURSTROOM CIRCUIT COMPRESSOR 1 CIRCUIT B
14	CONDENSER FAN CONTROL REGELING CONDENSORVENTILATOR
15	CONDENSER FAN POWER CIRCUIT HOOFDSTROOMCIRCUIT CONDENSOR VENTILATOR
16	CONTROL WIRING REGELING
17	CONTROL WIRING REGELING
18	TERMINAL BLOCK AND NOTES KLEMMENSTROOK EN OPMERKINGEN



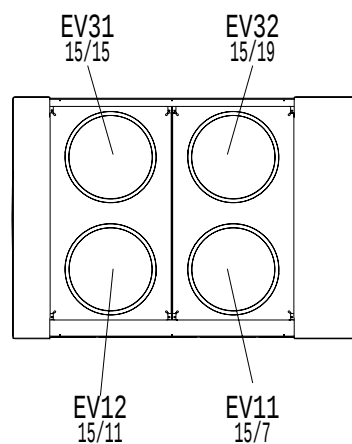
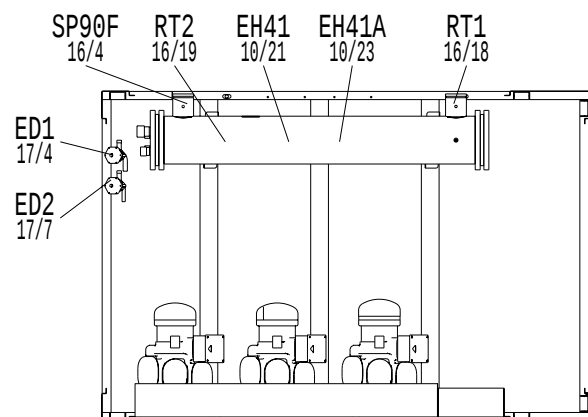
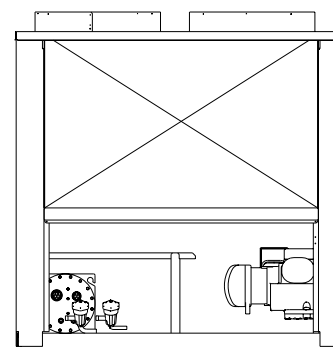
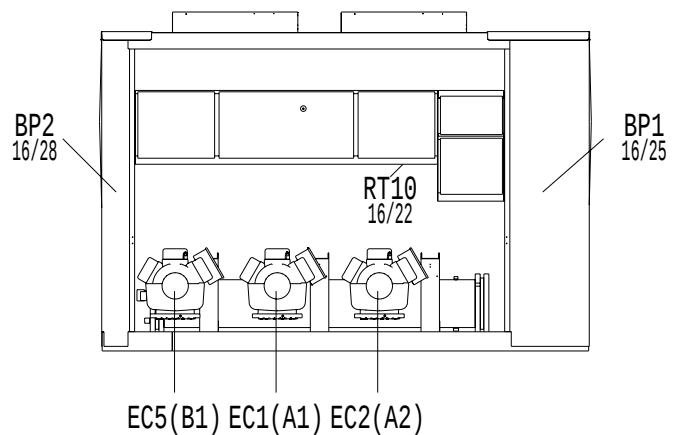
WIRING DIAGRAM ELECTRISCH SCHEMA

UNIT TYPE 30GK-085
UNIT TYPE

ORDER NUMBER
ORDER NUMBER

NAME NAAM	BEJOINT	DATE DATUM	05/08/2000	SHEET BLAD	1
99SC_085GK508470EE					

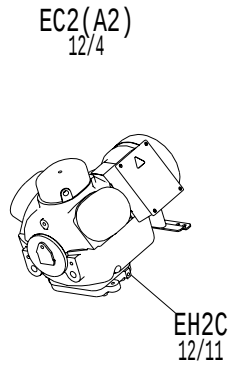
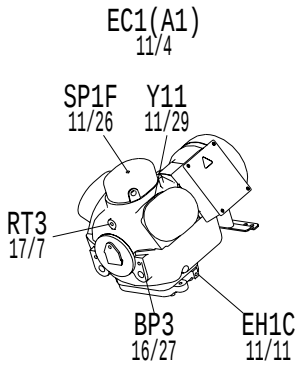
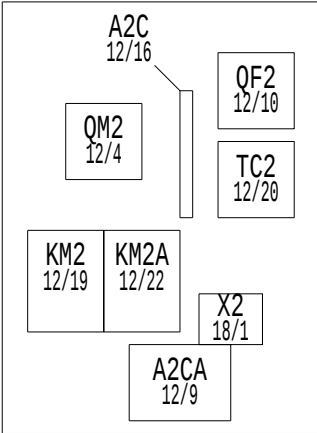
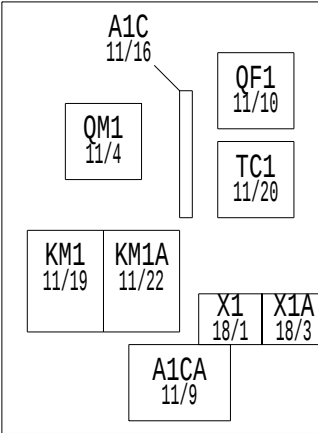
IND	MODIFICATION DESCRIPTION	MODIF NR	NAME	DATE
-----	--------------------------	----------	------	------

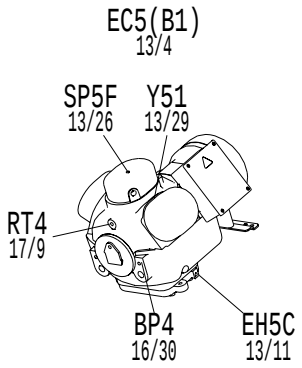
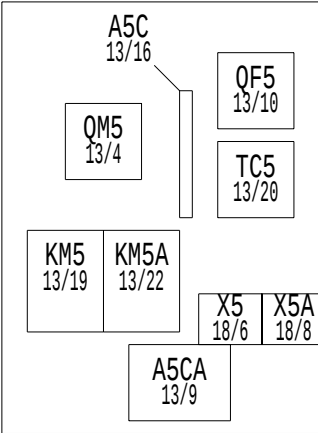


01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

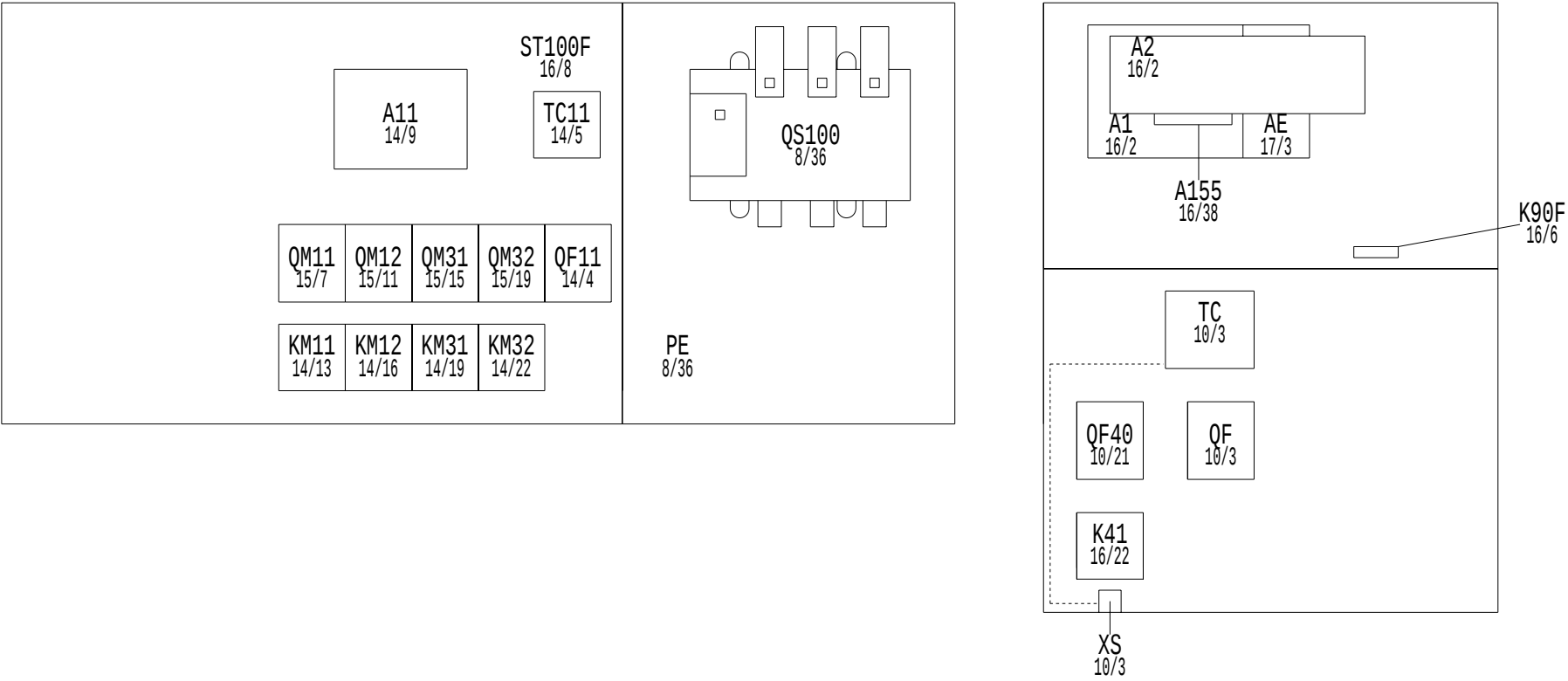
SITING
PLAATS VAN OPSTELLING

NAME NAAM	BEJOINT	DATE DATUM	05/08/2000	SHEET BLAD	2
99SC_085GK508470EE_					





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 PLAATS VAN OPSTELLING																														NAME NAAM	BEJOINT		DATE DATUM	05/08/2000		SHEET BLAD	4		
																														99SC_085GK508470EE_									



A1 MICROPROCESSOR-BASED MASTER MODULE
 A11 CONDENSER FAN CONTROL MODULE, CIRCUIT A
 A155 CCN COMMUNICATIONS MODULE
 A1C COMPRESSOR 1 MONITORING, CONTROL AND SAFETY MODULE, CIRCUIT A
 A1CA COMPRESSOR 1 MONITORING, CONTROL AND SAFETY AUXILIARY MODULE, CIRCUIT A
 A2 DISPLAY
 A2C COMPRESSOR 2 MONITORING, CONTROL AND SAFETY MODULE, CIRCUIT A
 A2CA COMPRESSOR 2 MONITORING, CONTROL AND SAFETY AUXILIARY MODULE, CIRCUIT A
 A5C COMPRESSOR 1 MONITORING, CONTROL AND SAFETY MODULE, CIRCUIT B
 A5CA COMPRESSOR 1 MONITORING, CONTROL AND SAFETY AUXILIARY MODULE, CIRCUIT B
 AE EXPANSION VALVE CONTROL MODULE
 BP1 DISCHARGE PRESSURE TRANSDUCER, CIRCUIT A
 BP2 DISCHARGE PRESSURE TRANSDUCER, CIRCUIT B
 BP3 SUCTION PRESSURE TRANSDUCER, CIRCUIT A
 BP4 SUCTION PRESSURE TRANSDUCER, CIRCUIT B
 EC1(A1) COMPRESSOR 1, CIRCUIT A
 EC2(A2) COMPRESSOR 2, CIRCUIT A
 EC5(B1) COMPRESSOR 1, CIRCUIT B
 ED1 ELECTRONIC EXPANSION VALVE, CIRCUIT A
 ED2 ELECTRONIC EXPANSION VALVE, CIRCUIT B
 EH1C COMPRESSOR 1 CRANKCASE HEATER, CIRCUIT A
 EH2C COMPRESSOR 2 CRANKCASE HEATER, CIRCUIT A
 EH41 EVAPORATOR HEATER
 EH41A EVAPORATOR HEATER
 EH5C COMPRESSOR 1 CRANKCASE HEATER, CIRCUIT B
 EV11 CONDENSER FAN, CIRCUIT A
 EV12 CONDENSER FAN, CIRCUIT A
 EV31 CONDENSER FAN, CIRCUIT B
 EV32 CONDENSER FAN, CIRCUIT B
 K41 EVAPORATOR HEATER CONTROL RELAY
 K90F EVAPORATOR PUMP FLOW SWITCH RELAY
 KM1 CONTACTOR, COMPRESSOR 1, CIRCUIT A
 KM11 CONDENSER FAN CONTACTOR, CIRCUIT A
 KM12 CONDENSER FAN CONTACTOR, CIRCUIT A
 KM1A AUXILIARY CONTACTOR COMPRESSOR 1, CIRCUIT A
 KM2 CONTACTOR, COMPRESSOR 2, CIRCUIT A
 KM2A AUXILIARY CONTACTOR COMPRESSOR 2, CIRCUIT A
 KM31 CONDENSER FAN CONTACTOR, CIRCUIT B
 KM32 CONDENSER FAN CONTACTOR, CIRCUIT B
 KM5 CONTACTOR, COMPRESSOR 1, CIRCUIT B
 KM5A AUXILIARY CONTACTOR COMPRESSOR 1, CIRCUIT B
 PE GROUND
 QF CIRCUIT BREAKER, CONTROL CIRCUIT
 QF1 CIRCUIT BREAKER, CONTROL CIRCUIT, COMPRESSOR
 QF11 CIRCUIT BREAKER, CONTROL CIRCUIT, FAN, CIRCUIT A
 QF2 CIRCUIT BREAKER, CONTROL CIRCUIT, COMPRESSOR
 QF40 HEATER CIRCUIT BREAKER
 QF5 CIRCUIT BREAKER, CONTROL CIRCUIT, COMPRESSOR
 QM1 COMPRESSOR 1 CIRCUIT BREAKER, CIRCUIT A

A1 BASISPRINT
 A11 CONDENSOR VENTILATOR REGEL MODULE, CIRCUIT A
 A155 CCN COMMUNICATIE MODULE
 A1C AANSTURINGS- EN BEVEILIGINGSMODULE COMPRESSOR 1, CIRCUIT A
 A1CA SECUNDAIRE AANSTURINGS- EN BEVEILIGINGSMODULE COMPRESSOR 1, CIRCUIT A
 A2 DISPLAY
 A2C AANSTURINGS- EN BEVEILIGINGSMODULE COMPRESSOR 2, CIRCUIT A
 A2CA SECUNDAIRE AANSTURINGS- EN BEVEILIGINGSMODULE COMPRESSOR 2, CIRCUIT A
 A5C AANSTURINGS- EN BEVEILIGINGSMODULE COMPRESSOR 1, CIRCUIT B
 A5CA SECUNDAIRE AANSTURINGS- EN BEVEILIGINGSMODULE COMPRESSOR 1, CIRCUIT B
 AE EXPANSIE VENTIEL REGELPRINT
 BP1 PERSDRUK OPNEMER, CIRCUIT A
 BP2 PERSDRUK OPNEMER, CIRCUIT B
 BP3 ZUIGDRUK OPNEMER, CIRCUIT A
 BP4 ZUIGDRUK OPNEMER, CIRCUIT B
 EC1(A1) COMPRESSOR 1, CIRCUIT A
 EC2(A2) COMPRESSOR 2, CIRCUIT A
 EC5(B1) COMPRESSOR 1, CIRCUIT B
 ED1 ELEKTRONISCH EXPANSIEVENTIEL, CIRCUIT A
 ED2 ELEKTRONISCH EXPANSIEVENTIEL, CIRCUIT B
 EH1C COMPRESSOR 1 CARTERVERWARMING, CIRCUIT A
 EH2C COMPRESSOR 2 CARTERVERWARMING, CIRCUIT A
 EH41 KOELERVERWARMING
 EH41A KOELERVERWARMING
 EH5C COMPRESSOR 1 CARTERVERWARMING, CIRCUIT B
 EV11 CONDENSORVENTILATOR, CIRCUIT A
 EV12 CONDENSORVENTILATOR, CIRCUIT A
 EV31 CONDENSORVENTILATOR, CIRCUIT B
 EV32 CONDENSORVENTILATOR, CIRCUIT B
 K41 HULPRELAIS KOELERVERWARMING
 K90F
 KM1 MAGNEETSCHAKELAAR COMPRESSOR 1, CIRCUIT A
 KM11 MAGNEETSCHAKELAAR CONDENSORVENTILATOR, CIRCUIT A
 KM12 MAGNEETSCHAKELAAR CONDENSORVENTILATOR, CIRCUIT A
 KM1A COMPRESSOR 1 HULP MAGNEETSCHAKELAAR, CIRCUIT A
 KM2 MAGNEETSCHAKELAAR COMPRESSOR 2, CIRCUIT A
 KM2A COMPRESSOR 2 HULP MAGNEETSCHAKELAAR, CIRCUIT A
 KM31 MAGNEETSCHAKELAAR CONDENSORVENTILATOR, CIRCUIT B
 KM32 MAGNEETSCHAKELAAR CONDENSORVENTILATOR, CIRCUIT B
 KM5 MAGNEETSCHAKELAAR COMPRESSOR 1, CIRCUIT B
 KM5A COMPRESSOR 1 HULP MAGNEETSCHAKELAAR, CIRCUIT B
 PE AARDE
 QF CIRCUIT BREAKER STUURSTROOM
 QF1 CIRCUIT BREAKER STUURSTROOM, COMPRESSOR
 QF11 CIRCUIT BREAKER STUURSTROOM, VENTILATOR, CIRCUIT A
 QF2 CIRCUIT BREAKER STUURSTROOM, COMPRESSOR
 QF40 CIRCUIT BREAKER VERWARMING
 QF5 CIRCUIT BREAKER STUURSTROOM, COMPRESSOR
 QM1 CIRCUIT BREAKER COMPRESSOR 1, CIRCUIT A

COMPONENT DESIGNATION
VERKLARING AFKORTINGEN

NAME NAAM	BEJOINT	DATE DATUM	05/08/2000	SHEET BLAD	6
99SC_085GK508470EE_					

QM11 CONDENSER FAN CIRCUIT BREAKER, CIRCUIT A
 QM12 CONDENSER FAN CIRCUIT BREAKER, CIRCUIT A
 QM2 COMPRESSOR 2 CIRCUIT BREAKER, CIRCUIT A
 QM31 CONDENSER FAN CIRCUIT BREAKER, CIRCUIT B
 QM32 CONDENSER FAN CIRCUIT BREAKER, CIRCUIT B
 QM5 COMPRESSOR 1 CIRCUIT BREAKER, CIRCUIT B
 QS100 GENERAL DISCONNECT SWITCH
 RT1 EVAPORATOR LEAVING WATER TEMPERATURE SENSOR
 RT10 AMBIENT OR OUTSIDE AIR TEMPERATURE SENSOR
 RT2 EVAPORATOR ENTERING WATER TEMPERATURE SENSOR
 RT3 SUCTION PRESSURE TEMPERATURE SENSOR. CIRCUIT A
 RT4 SUCTION PRESSURE TEMPERATURE SENSOR. CIRCUIT B
 SP1F HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT A
 SP5F HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT B
 SP90F EVAPORATOR PUMP FLOW SWITCH
 ST100F ELECTRICAL BOX SAFETY THERMOSTAT
 TC CONTROL CIRCUIT TRANSFORMER
 TC1 CONTROL CIRCUIT TRANSFORMER, COMPRESSOR 1, CIRCUIT A
 TC11 FAN CONTROL CIRCUIT TRANSFORMER, CIRCUIT A
 TC2 CONTROL CIRCUIT TRANSFORMER, COMPRESSOR 2, CIRCUIT A
 TC5 CONTROL CIRCUIT TRANSFORMER, COMPRESSOR 1, CIRCUIT B
 X1 COMPRESSOR 1 CONTROL CIRCUIT CONNECTOR, CIRCUIT A
 X1A COMPRESSOR 1 CONTROL CIRCUIT CONNECTOR, CIRCUIT A
 X2 COMPRESSOR 2 CONTROL CIRCUIT CONNECTOR, CIRCUIT A
 X5 COMPRESSOR 1 CONTROL CIRCUIT CONNECTOR, CIRCUIT B
 X5A COMPRESSOR 1 CONTROL CIRCUIT CONNECTOR, CIRCUIT B
 XS PLUG
 Y11 CAPACITY REGULATION VALVE 1, COMPRESSOR 1, CIRCUIT A
 Y51 CAPACITY REGULATION VALVE 1, COMPRESSOR 1, CIRCUIT B

QM11 CIRCUIT BREAKER CONDENSORVENTILATOR, CIRCUIT A
 QM12 CIRCUIT BREAKER CONDENSORVENTILATOR, CIRCUIT A
 QM2 CIRCUIT BREAKER COMPRESSOR 2, CIRCUIT A
 QM31 CIRCUIT BREAKER CONDENSORVENTILATOR, CIRCUIT B
 QM32 CIRCUIT BREAKER CONDENSORVENTILATOR, CIRCUIT B
 QM5 CIRCUIT BREAKER COMPRESSOR 1, CIRCUIT B
 QS100 ALGHEELE HOOFDSCHAKELAAR
 RT1 TEMPERATUROPNEMER GEKOELD WATER UITTREDE
 RT10 TEMPERATUROPNEMER RUIMTELUCHT OF BUITENLUCHT
 RT2 TEMPERATUROPNEMER GEKOELD WATER INTREDE
 RT3 ZUIGGAS TEMPERATUUR OPNEMER. CIRCUIT A
 RT4 ZUIGGAS TEMPERATUUR OPNEMER. CIRCUIT B
 SP1F HOGEDRUKBEVEILIGING, COMPRESSOR 1, CIRCUIT A
 SP5F HOGEDRUKBEVEILIGING, COMPRESSOR 1, CIRCUIT B
 SP90F STROMINGSSCHAKELAAR KOELERPOMP
 ST100F .
 TC TRANSFORMATOR STUURSTROOMCIRCUIT
 TC1 TRANSFORMATOR STUURSTROOMCIRCUIT, COMPRESSOR 1, CIRCUIT A
 TC11 TRANSFORMATOR STUURSTROOMCIRCUIT VENTILATOR, CIRCUIT A
 TC2 TRANSFORMATOR STUURSTROOMCIRCUIT, COMPRESSOR 2, CIRCUIT A
 TC5 TRANSFORMATOR STUURSTROOMCIRCUIT, COMPRESSOR 1, CIRCUIT B
 X1 STUURSTROOMCONNECTOR, COMPRESSOR 1, CIRCUIT A
 X1A STUURSTROOMCONNECTOR, COMPRESSOR 1, CIRCUIT A
 X2 STUURSTROOMCONNECTOR, COMPRESSOR 2, CIRCUIT A
 X5 STUURSTROOMCONNECTOR, COMPRESSOR 1, CIRCUIT B
 X5A STUURSTROOMCONNECTOR, COMPRESSOR 1, CIRCUIT B
 XS STEKKER
 Y11 .
 Y51 .

COMPONENT DESIGNATION
VERKLARING AFKORTINGEN

NAME NAAM	BEJOINT	DATE DATUM	05/08/2000	SHEET BLAD	7
99SC_085GK508470EE_					

POWER INPUT OF UNIT UNDER MAXIMUM LOAD CONDITIONS
OPGENOMEN VERMOGEN UNIT BIJ MAXIMALE BELASTING

109.339 kW

MAXIMUM OPERATING CURRENT AT MINIMUM VOLTAGE (360V)
MAXIMALE BEDRIJFSSTROOM BIJ MINIMALE SPANNING (360V)

224 A

MAXIMUM CURRENT ON START-UP
MAXIMALE INSCHAKELPIEKSTROOM

464.2 A

CURRENT DRAWN AT NOMINAL CONDITIONS (400V)
OPGENOMEN STROOM BIJ NOMINALE CONDITIES (400V)

178.2 A

MAXIMUM OPERATING CURRENT AT NOMINAL VOLTAGE (400V)
MAXIMALE BEDRIJFSSTROOM BIJ NOMINALE SPANNING (400V)

202 A

ASSUMED MAX. SHORT-CIRCUIT CURRENT
AANGENOMEN MAXIMALE KORTSLUITSTROOM

25 kA

MAXIMUM WIRE SIZE
MAXIMALE AANSLUITDIAMETER

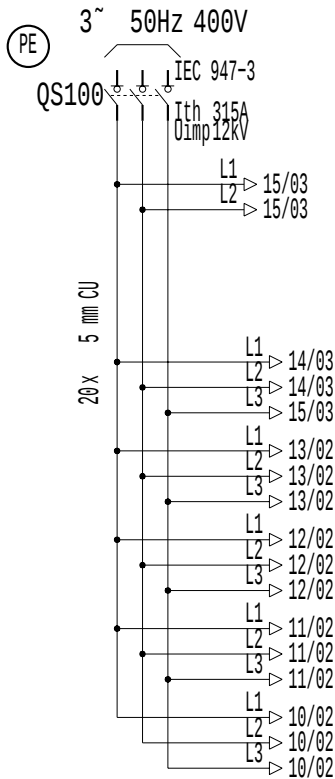
2x185 mm²

2

ALWAYS CHECK THE CERTIFIED DIMENSIONAL DRAWINGS
(99DI...) WHEN DESIGNING AN INSTALLATION
THE ELECTRICAL CONNECTIONS OF THIS UNIT ON-SITE
MUST COMPLY WITH THE STANDARDS AND STATUTORY
REQUIREMENTS APPLICABLE AT THE SITE OF
INSTALLATION
FOR MORE INFORMATION, REFER TO THE PRODUCT
DOCUMENTATION (IOM)

GEBRUIK ALTIJD DE GECERTIFICEERDE MAATSCHETSEN
(99DI...) BIJ HET ONTWERPEN VAN EEN INSTALLATIE
ALLE ELEKTRISCHE AANSLUITINGEN OP HET SYSTEEM EN
DE ELEKTRISCHE MONTAGE MOETEN VOLDOEN AAN DE
PLAATSELIJK GELDENDE VOORSCHRIFTEN
VOOR MEER INFORMATIE, RAADPLEEG DE UNIT
DOCUMENTATIE (IOM)

QS100 GENERAL DISCONNECT SWITCH
QS100 ALGEHELE HOOFDSCHAKELAAR



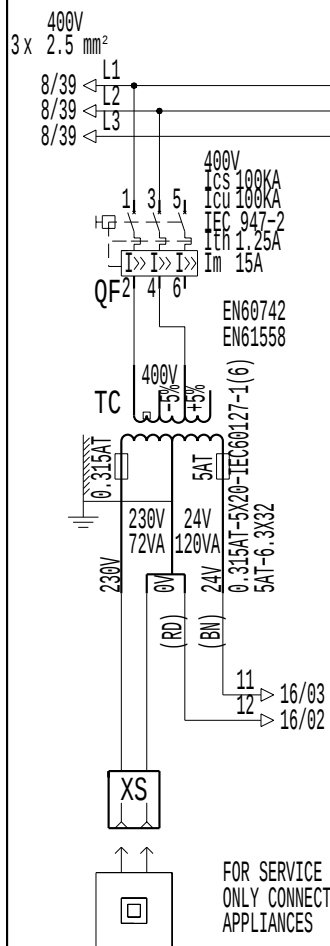
01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40

POWER SUPPLY
ELEKTRISCHE VOEDING

NAME
NAAM BEJOINT DATE
DATUM 05/08/2000 SHEET
BLAD 8

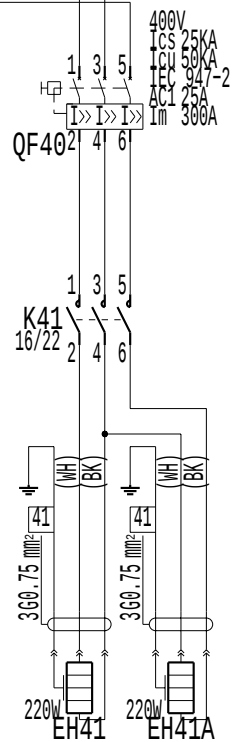
99SC_085GK508470EE_

EH41 EVAPORATOR HEATER
EH41 KOELERVERWARMING
EH41A EVAPORATOR HEATER
EH41A KOELERVERWARMING

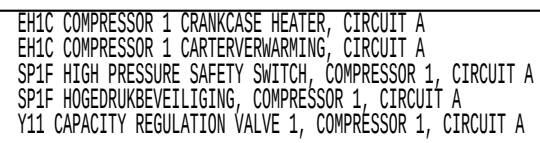


FOR SERVICE PC ONLY, 72W MAX.
ONLY CONNECT DOUBLE-INSULATED CLASS 2
APPLIANCES

ALLEEN VOOR SERVICE PC, MAX. 72W
ALLEEN DUBBEL GEÏSOLEERDE APPARATEN
KLASSE 2 AANSLUITEN



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		
CONTROL SUPPLY TRANSFORMER AND OPTIONAL HEATER CIRCUIT STUURSTROOM TRANSFORMATOR EN VERWARMINGS CIRCUIT OPTIE																														NAME NAAM		BEJOINT		DATE DATUM		05/08/2000		SHEET BLAD		10	
																														99SC_085GK508470EE_											

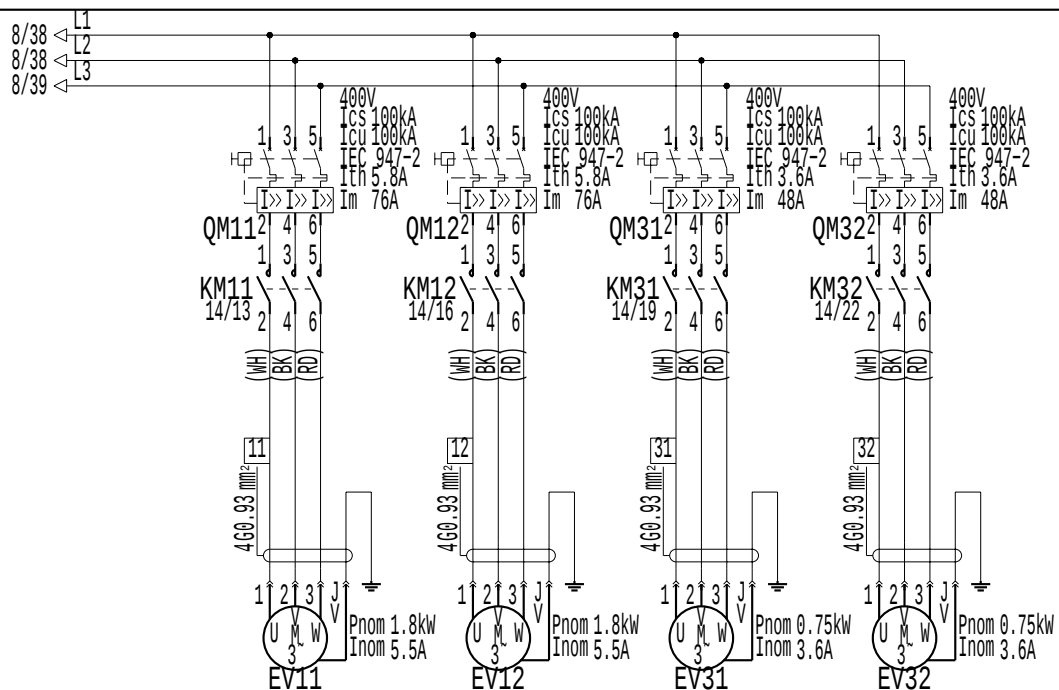


01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40										
POWER AND CONTROL CIRCUIT COMPRESSOR 1 CIRCUIT A																														NAME NAAM		BEJOINT		DATE DATUM		05/08/2000		SHEET BLAD		11									
HOOFSTROOM EN STUURSTROOM CIRCUIT COMPRESSOR 1 CIRCUIT A																														99SC										085GK508470EE									



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	
POWER AND CONTROL CIRCUIT COMPRESSOR 2 CIRCUIT A																													NAME NAAM		BEJOINT		DATE DATUM		05/08/2000		SHEET BLAD		12	
HOOFSTROOM EN STUURSTROOM CIRCUIT COMPRESSOR 2 CIRCUIT A																													99SC 085GK508470EE											





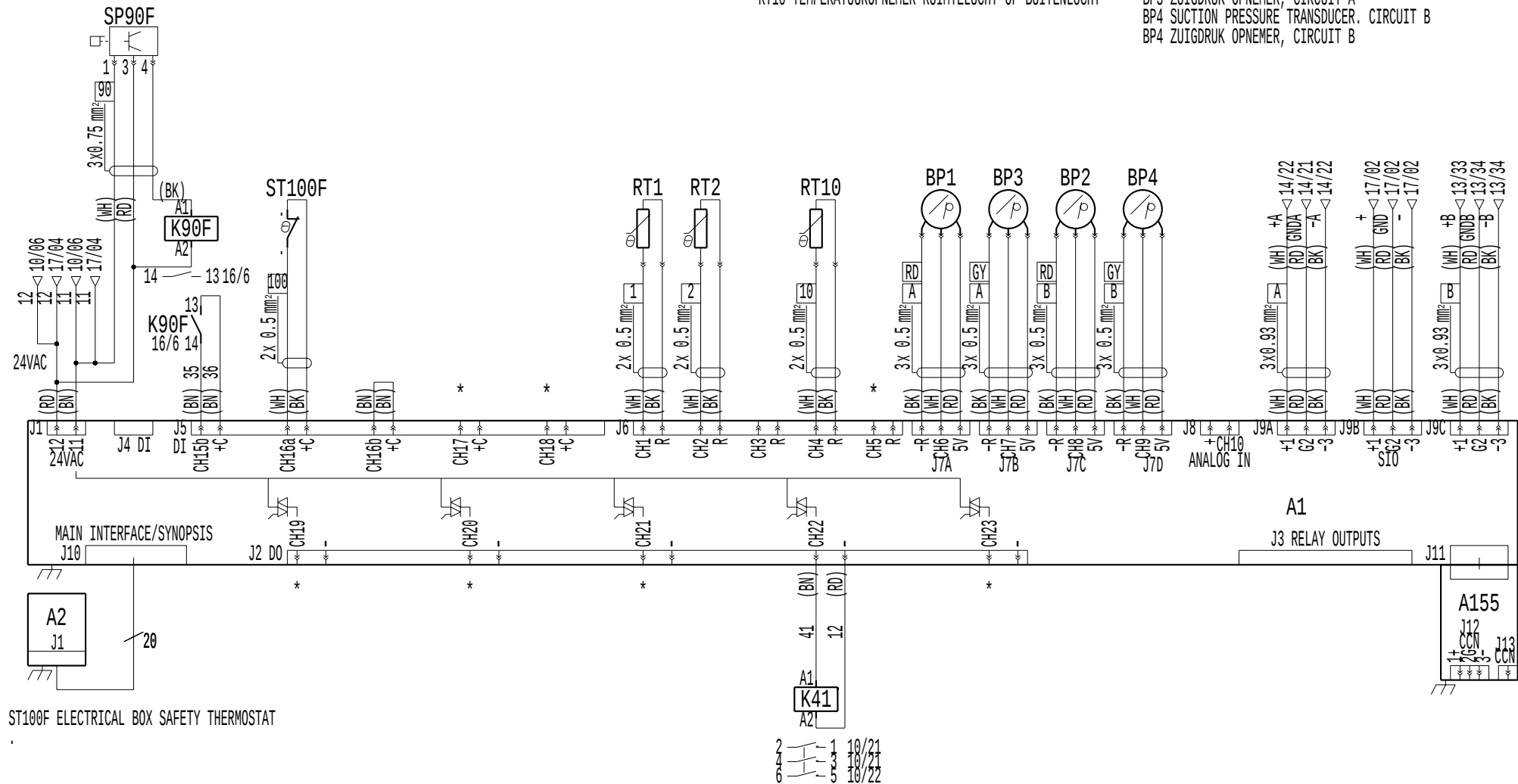
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40										
CONDENSER FAN POWER CIRCUIT																														NAME		BEJOINT		DATE		05/08/2000		SHEET		15									
HOOFDSTROOMCIRCUIT CONDENSOR VENTILATOR																														NAAM				DATUM				BLAD											
																														99SC_085GK508470EE																			

* NOT USED
* NIET GEBRUIKT

K90F EVAPORATOR PUMP FLOW SWITCH RELAY
SP90F EVAPORATOR PUMP FLOW SWITCH
SP90F STROMINGSSCHAKELAAR KOELERPOMP

RT1 EVAPORATOR LEAVING WATER TEMPERATURE SENSOR
RT1 TEMPERATUROPNEMER GEKOELD WATER UIT TREDE
RT2 EVAPORATOR ENTERING WATER TEMPERATURE SENSOR
RT2 TEMPERATUROPNEMER GEKOELD WATER IN TREDE
RT10 AMBIENT OR OUTSIDE AIR TEMPERATURE SENSOR
RT10 TEMPERATUROPNEMER RUIMTELUCHT OF BUITENLUCHT

BP1 DISCHARGE PRESSURE TRANSDUCER, CIRCUIT A
BP1 PERSDRUK OPNEMER, CIRCUIT A
BP2 DISCHARGE PRESSURE TRANSDUCER, CIRCUIT B
BP2 PERSDRUK OPNEMER, CIRCUIT B
BP3 SUCTION PRESSURE TRANSDUCER, CIRCUIT A
BP3 ZUIGDRUK OPNEMER, CIRCUIT A
BP4 SUCTION PRESSURE TRANSDUCER, CIRCUIT B
BP4 ZUIGDRUK OPNEMER, CIRCUIT B

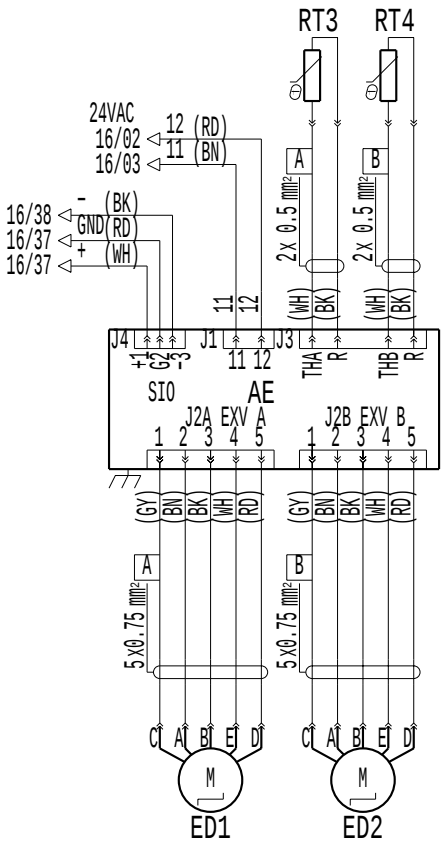


ST100F ELECTRICAL BOX SAFETY THERMOSTAT

CONTROL WIRING
REGLING

NAME NAAM	BEJOINT	DATE DATUM	05/08/2000	SHEET BLAD	16
99SC_085GK508470EE					

AE EXPANSION VALVE CONTROL MODULE
AE EXPANSIE VENTIEL REGELPRINT
RT3 SUCTION PRESSURE TEMPERATURE SENSOR. CIRCUIT A
RT3 ZUIGGAS TEMPERATUUR OPNEMER. CIRCUIT A
RT4 SUCTION PRESSURE TEMPERATURE SENSOR. CIRCUIT B
RT4 ZUIGGAS TEMPERATUUR OPNEMER. CIRCUIT B
ED1 ELECTRONIC EXPANSION VALVE, CIRCUIT A
ED1 ELEKTRONISCH EXPANSIEVENTIEL, CIRCUIT A
ED2 ELECTRONIC EXPANSION VALVE, CIRCUIT B
ED2 ELEKTRONISCH EXPANSIEVENTIEL, CIRCUIT B



X1

1
2
3
4
5
6

11/11
11/11
11/27
11/26

X1A

1
2
3
4

11/29
11/30

X5

1
2
3
4
5
6

13/11
13/11
13/27
13/26

X5A

1
2
3
4

13/29
13/30

X2

1
2
3
4
5
6

12/11
12/11
12/27
12/26

INSIDE THE ELECTRICAL BOX (UNLESS OTHERWISE SPECIFIED): ALL POWER AND SUPPLY WIRES ARE BLACK.
MALFUNCTION REPORT WIRES 30 AND 31 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 18 H05VK QUALITY 105 DEGREES WITH CORE, UNLESS OTHERWISE SPECIFIED.

IN DE SCHAKELKAST (TENZIJ ANDERS VERMELD): ALLE HOOFDSTROOM- EN VOEDINGSDRADEN ZIJN ZWART.
STORINGSMELDINGSDRADEN 30 EN 31 ZIJN ORANJE.
DE VOEDINGSDRADEN (13.5 VAC) VOOR MODULES A1EA EN A2EA ZIJN GRIJS.
DE 24V FASE VAN DE ZWEVENDE 24VAC VOEDING, DRAAD 011 IS WIT.
NULDRAAD 2 EN 12 ZIJN ROOD.
NULDRAAD 012 IS VIOLET.
DE COMMUNICATIEBUS DRADEN ZIJN WIT, ZWART EN ROOD.
ALLE ANDERE DRADEN ZIJN BRUIN.
DE BEDRADING VAN DE REGELING IS 0,93 MM², AWG 18 H05VK KWALITEIT 105 GRADEN MET KERN, TENZIJ ANDERS VERMELD.

STANDARDISED WIRE COLOURING CODE

BLACK : BK	BROWN : BN
BLUE : BU	GREEN : GN
GREY : GY	AMBER : OG
RED : RD	VIOLET : VI
WHITE : WH	YELLOW : YE

GESTANDAARDISEERDE DRAAD KLEURCODERING

ZWART : BK	BRUIN : BN
BLAUW : BU	GROEN : GN
GRIJS : GY	ORANJE : OG
ROOD : RD	VIOLET : VI
WIT : WH	GEEL : YE

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

BUITEN DE SCHAKELKAST (TENZIJ ANDERS VERMELD) ZIJN DE MEER-ADERIGE KABELS VOOR REGELING EN OPNEMERS VAN KWALITEIT 105 GRADEN MET KERN, TYPE 05VVF VOOR BUITENTOEPASSING

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

TERMINAL BLOCK AND NOTES
KLEMMENSTROOK EN OPMERKINGEN

NAME NAAM	BEJOINT	DATE DATUM	05/08/2000	SHEET BLAD	18
99SC_085GK508470EE_					