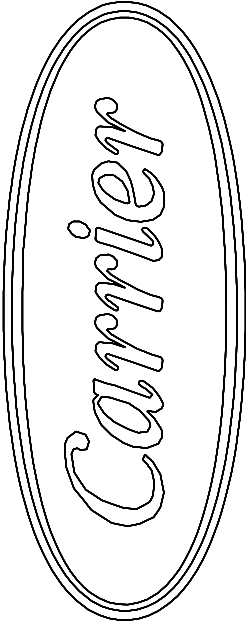


SHEET FEUILLE	DESCRIPTION DESCRIPTION
2	COMPONENT DESIGNATION DESIGNATION DES COMPOSANTS
3	CUSTOMER CONTROL CONNECTIONS RACCORDEMENTS CONTROLE CLIENT
4	POWER SUPPLY ALIMENTATION
5	POWER CIRCUIT, CIRCUIT A CIRCUIT PUISSANCE, CIRCUIT A
6	CONTROL WIRING REGULATION
7	SITTING IMPLANTATION



WIRING DIAGRAM
SCHEMA ELECTRIQUE

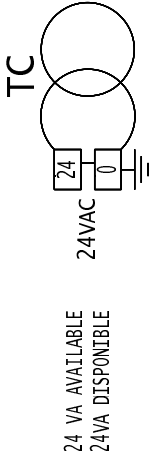
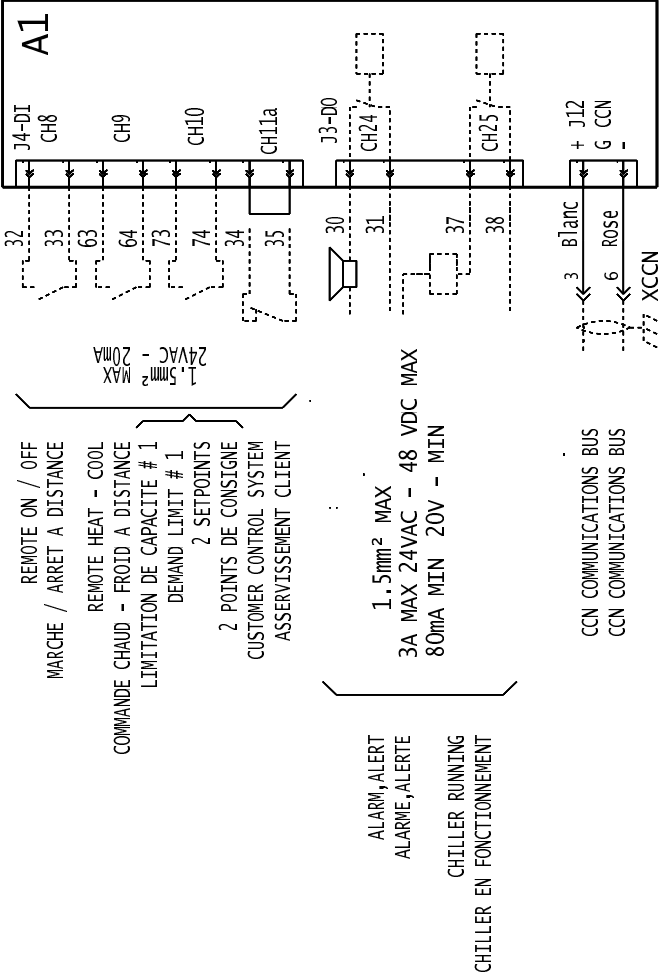
UNIT TYPE 30RQ-040DR-----
TYPE D'UNITE
ORDER NUMBER . / .
NUMERO DE COMMANDE

OPT_NR NO OPTION	DESCRIPTION DESCRIPTION
DIGIT_10(R)	Hydronic module without expansion tank Module hydraulique sans vase d expansion

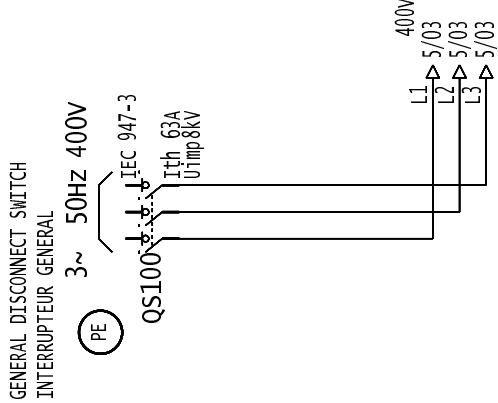
IND	MODIFICATION DESCRIPTION	MODIF NR	NAME	DATE
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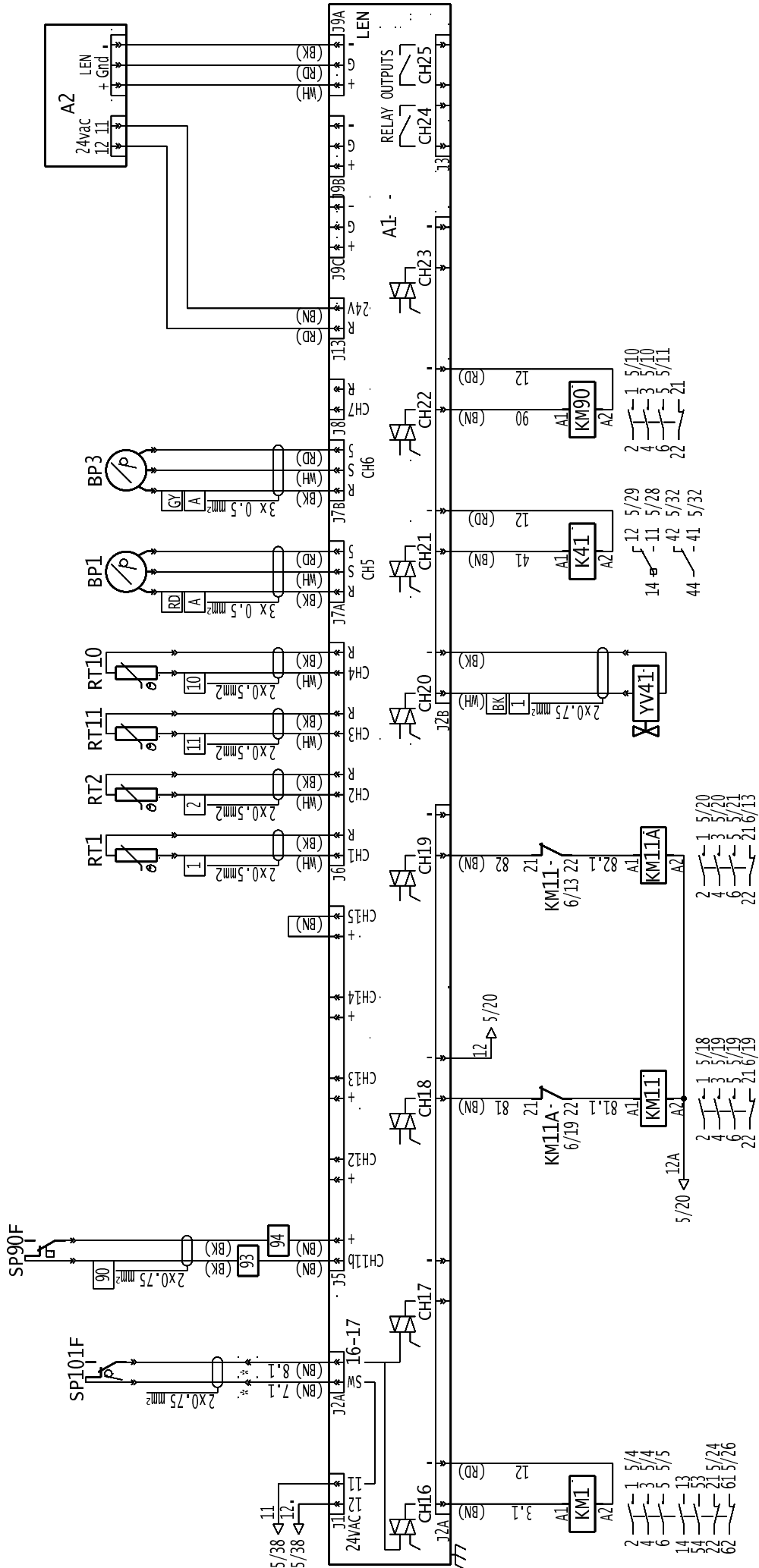
NAME NOM	CARRIER	DATE DATE	SHEET FEUILLE
00DCG005654800		09/09/2016	1
			A

A1	MICROPROCESSOR-BASED MASTER MODULE	A1	MODULE MAITRE A MICROPROCESSEUR
A2	DISPLAY	A2	AFFICHEUR
BP1	DISCHARGE PRESSURE TRANSDUCER, CIRCUIT A	BP1	TRANSDUCTEUR DE PRESSION REFOULEMENT CIRCUIT A
BP3	SUCTION PRESSURE TRANSDUCER. CIRCUIT A	BP3	TRANSDUCTEUR DE PRESSION ASPIRATION CIRCUIT A
EC1(A1)	COMPRESSOR 1, CIRCUIT A	EC1(A1)	COMPRESSEUR 1 CIRCUIT A
EH1C	COMPRESSOR 1 CRANKCASE HEATER, CIRCUIT A	EH1C	RECHAUFFEUR DE CARTER COMPRESSEUR 1 CIRCUIT A
EH41	EVAPORATOR HEATER	EH41	RECHAUFFEUR EVAPORATEUR
EH90	EVAPORATOR WATER CIRCUIT HEATING ELEMENT	EH90	RECHAUFFEUR CIRCUIT D'EAU EVAPORATEUR
EP90	WATER PUMP	EP90	POMPE A EAU
EV11	CONDENSER FAN, CIRCUIT A	EV11	VENTILATEUR CONDENSEUR CIRCUIT A
FU	PROTECTION CONTROL CIRCUIT FUSE	FU	FUSIBLE DE PROTECTION CIRCUIT CONTROLE
K41	EVAPORATOR HEATER CONTROL RELAY	K41	RELAIS COMMANDE RECHAUFFEUR EVAPORATEUR
KM1	CONTACTOR, COMPRESSOR 1, CIRCUIT A	KM1	CONTACTEUR COMPRESSEUR 1 CIRCUIT A
KM11	CONDENSER FAN CONTACTOR, CIRCUIT A	KM11	CONTACTEUR VENTILATEUR CONDENSEUR CIRCUIT A
KM11A	CONDENSER FAN AUXILIARY CONTACTOR	KM11A	CONTACTEUR AUXILIAIRE VENTILATEUR CONDENSEUR
KM90	EVAPORATOR PUMP CONTACTOR	KM90	CONTACTEUR POMPE EVAPORATEUR
PE	GROUND	PE	TERRE
QF	CIRCUIT BREAKER, CONTROL CIRCUIT	QF	DISJONCTEUR CIRCUIT CONTROLE
QM90	EVAPORATOR WATER PUMP CIRCUIT BREAKER	QM90	DISJONCTEUR PROTECTION POMPE A EAU EVAPORATEUR
QS100	GENERAL DISCONNECT SWITCH	QS100	INTERRUPTEUR GENERAL
RT1	EVAPORATOR LEAVING WATER TEMPERATURE SENSOR	RT1	SONDE DE TEMPERATURE SORTIE EAU EVAPORATEUR
RT10	AMBIENT OR OUTSIDE AIR TEMPERATURE SENSOR	RT10	SONDE DE TEMPERATURE AIR AMBIANT OU EXTERIEUR
RT11	DEFROST TEMPERATURE SENSOR CIRCUIT A	RT11	SONDE DE DEGIVRAGE CIRCUIT A
RT2	EVAPORATOR ENTERING WATER TEMPERATURE SENSOR	RT2	SONDE DE TEMPERATURE ENTREE EAU EVAPORATEUR
SP101F	HIGH PRESSURE SAFETY SWITCH, CIRCUIT A	SP101F	PRESSOSTAT HAUTE PRESSION DE SECURITE CIRCUIT A
SP90F	EVAPORATOR PUMP FLOW SWITCH	SP90F	DETECTEUR DEBIT EAU POMPE EVAPORATEUR
TC	CONTROL CIRCUIT TRANSFORMER	TC	TRANSFORMATEUR CIRCUIT CONTROLE
YV41	CIRCUIT CYCLE REVERSAL VALVE A	YV41	VANNE D'INVERSION DE CYCLE CIRCUIT A



POWER INPUT OF UNIT UNDER MAXIMUM LOAD CONDITIONS PUISSANCE ABSORBEE DE L'UNITE AUX CONDITIONS MAXIMALES	18.7	kw
MAXIMUM OPERATING CURRENT AT MINIMUM VOLTAGE (360V) INTENSITE DE FONCTIONNEMENT MAXIMUM A TENSION MINIMUM (360V)	41.9	A
MAXIMUM CURRENT ON START-UP INTENSITE MAXIMUM DE DEMARRAGE	178.25	A
CURRENT DRAWN AT NOMINAL CONDITIONS (400V) INTENSITE DE FONCTIONNEMENT NOMINALE (400V)	28.15	A
MAXIMUM OPERATING CURRENT AT NOMINAL VOLTAGE (400V) INTENSITE DE FONCTIONNEMENT MAXIMUM A TENSION NOMINALE (400V)	32.5	A
SHORT TERM SHORT-CIRCUIT STABILITY (1s) WITHOUT FUSE (RMS VALUE / PEAK) TENUE COURT CIRCUIT COURTE DUREE (1s) SANS FUSIBLE (VALEUR EFFICACE / CRETE)	3.4	ka
MAXIMUM WIRE SIZE SECTION DE CABLE MAXIMUM	1 x 10	mm²PVC





CONTROL WIRING
REGULATION

NAME	CARRIER	DATE	SHEET
NOM		09/09/2016	6
FEUILLE			
00DCG005654800			A

