

| SHEET FEUILLE | DESCRIPTION DESCRIPTION |
|------------------|--|
| 2-3 | COMPONENT DESIGNATION DESIGNATION DES COMPOSANTS |
| 4 | CONTROL CONNECTIONS CONNEXIONS CONTROLE |
| 5 | POWER SUPPLY ALIMENTATION |
| 6 | POWER AND CONTROL CIRCUIT COMPRESSOR 1 CIRCUIT A CIRCUIT COMMANDE ET PUISSANCE COMPRESSEUR 1 CIRCUIT A |
| 7 | POWER AND CONTROL CIRCUIT COMPRESSOR 1 CIRCUIT B CIRCUIT COMMANDE ET PUISSANCE COMPRESSEUR 1 CIRCUIT B |
| 8 | WATER PUMP AND CONTROL SUPPLY POMPES A EAU ET ALIMENTATION CONTROLE |
| 9 | WATER PUMP AND CONTROL SUPPLY POMPES A EAU ET ALIMENTATION CONTROLE |
| 10 | CONTROL WIRING REGULATION |
| 11 | CONTROL WIRING REGULATION |
| 12 | CONDENSER FAN POWER AND CONTROL CIRCUIT A-B CIRCUIT COMMANDE ET PUISSANCE VENTILATEURS CONDENSEUR CIRCUIT A-B |
| 13 | CONTROL WIRING REGULATION |
| 14 | CONTROL WIRING REGULATION |
| 15 | TERMINAL BLOCK AND NOTES BORNIERES ET NOTES |
| 16 | SITING IMPLANTATION |
| 17 | SITING IMPLANTATION |
| 18 | SITING IMPLANTATION |



WIRING DIAGRAM SCHEMA ELECTRIQUE

UNIT TYPE 30XA0302-A0119-PE-
TYPE D'UNITE

ORDER NUMBER 0000784085 / 000010
NUMERO DE COMMANDE

| OPT_NR NO OPTION | DESCRIPTION DESCRIPTION |
|---------------------|---|
| OPT_017 | VARIABLE SPEED FANS VENTILATEURS VITESSE VARIABLE |
| OPT_020A | IP 54 Electrical Box protection IP 54 |
| OPT_041B | Evaporator and hydronic module freeze protection réchauffeurs évap (plaques chauffantes) + rechauffeur kit hydraulique |
| OPT_116C | Hydronic module with high-pressure TWIN pump unités avec pompe hydraulique double HP |

| IND | MODIF NR | NAME | DATE |
|-----|----------|------|------|
| | | | |

| NAME NOM | CARRIER | DATE DATE | SHEET FEUILLE |
|----------------|---------|--------------|------------------|
| | | 25/01/2018 | 1 |
| 00DCG008214800 | | | A |

| | | | |
|---------|--|---------|---|
| A11 | CONDENSER FAN CONTROL MODULE, CIRCUIT A | A11 | MODULE CONTROLE VENTILATEUR CONDENSEUR CIRCUIT A |
| A1A | INPUT/OUTPUT MODULE, CIRCUIT A | A1A | MODULE ENTREES/SORTIES, CIRCUIT A |
| A1C | COMPRESSOR 1 MONITORING, CONTROL AND SAFETY MODULE, CIRCUIT A | A1C | MODULE COMMANDE, CONTROLE ET SECURITE COMPRESSEUR 1 CIRCUIT A |
| A2 | DISPLAY | A2 | AFFICHEUR |
| A2A | INPUT/OUTPUT MODULE, CIRCUIT B | A2A | MODULE ENTREES/SORTIES, CIRCUIT B |
| A2C | COMPRESSOR 1 MONITORING, CONTROL AND SAFETY MODULE, CIRCUIT B | A2C | MODULE COMMANDE, CONTROLE ET SECURITE COMPRESSEUR 1 CIRCUIT B |
| BP1 | DISCHARGE PRESSURE TRANSDUCER, CIRCUIT A | BP1 | TRANSDUCTEUR DE PRESSION REFOULEMENT CIRCUIT A |
| BP1161 | TRANSDUCER OF PRESSURE FOR OUTLET WATER FILTER HYDRAULIC PUMP | BP1161 | TRANSDUCTEUR DE PRESSION SORTIE EAU FILTRE POMPE HYDRAULIQUE |
| BP1162 | TRANSDUCER OF PRESSURE FOR INLET WATER FILTER HYDRAULIC PUMP | BP1162 | TRANSDUCTEUR DE PRESSION ENTREE EAU FILTRE POMPE HYDRAULIQUE |
| BP2 | DISCHARGE PRESSURE TRANSDUCER, CIRCUIT B | BP2 | TRANSDUCTEUR DE PRESSION REFOULEMENT CIRCUIT B |
| BP3 | SUCTION PRESSURE TRANSDUCER. CIRCUIT A | BP3 | TRANSDUCTEUR DE PRESSION ASPIRATION CIRCUIT A |
| BP4 | SUCTION PRESSURE TRANSDUCER. CIRCUIT B | BP4 | TRANSDUCTEUR DE PRESSION ASPIRATION CIRCUIT B |
| BP71 | OIL PRESSURE TRANSDUCER, COMPRESSOR 1, CIRCUIT A | BP71 | TRANSDUCTEUR DE PRESSION HUILE COMPRESSEUR 1 CIRCUIT A |
| BP72 | OIL PRESSURE TRANSDUCER, COMPRESSOR 1, CIRCUIT B | BP72 | TRANSDUCTEUR DE PRESSION HUILE COMPRESSEUR 1 CIRCUIT B |
| BP81 | ECONOMIZER PRESSURE TRANSDUCER | BP81 | TRANSDUCTEUR DE PRESSION ECONOMISEUR |
| BP82 | ECONOMIZER PRESSURE TRANSDUCER | BP82 | TRANSDUCTEUR DE PRESSION ECONOMISEUR |
| BP90.1 | PRESSURE TRANSDUCER FOR EVAPORATOR OUTLET WATER HYDRAULIC PUMP | BP90.1 | TRANSDUCTEUR DE PRESSION SORTIE EAU POMPE HYDRAULIQUE EVAPORATEUR |
| BP90.2 | PRESSURE TRANSDUCER FOR EVAPORATOR INLET WATER HYDRAULIC PUMP | BP90.2 | TRANSDUCTEUR DE PRESSION ENTREE EAU POMPE HYDRAULIQUE EVAPORATEUR |
| EC1(A1) | COMPRESSOR 1, CIRCUIT A | EC1(A1) | COMPRESSEUR 1 CIRCUIT A |
| EC2(B1) | COMPRESSOR 1, CIRCUIT B | EC2(B1) | COMPRESSEUR 1 CIRCUIT B |
| ED1 | ELECTRONIC EXPANSION VALVE, CIRCUIT A | ED1 | DETENDEUR ELECTRONIQUE CIRCUIT A |
| ED2 | ELECTRONIC EXPANSION VALVE, CIRCUIT B | ED2 | DETENDEUR ELECTRONIQUE CIRCUIT B |
| ED81 | ELECTRONIC EXPANSION VALVE ECONOMIZER, CIRCUIT A | ED81 | DETENDEUR ELECTRONIQUE ECONOMISEUR CIRCUIT A |
| ED82 | ELECTRONIC EXPANSION VALVE ECONOMIZER, CIRCUIT B | ED82 | DETENDEUR ELECTRONIQUE ECONOMISEUR CIRCUIT B |
| EF101 | ELECTRICAL BOX FAN | EF101 | VENTILATEUR COFFRET ELECTRIQUE |
| EF101A | ELECTRICAL BOX FAN | EF101A | VENTILATEUR COFFRET ELECTRIQUE |
| EH41 | EVAPORATOR HEATER | EH41 | RECHAUFFEUR EVAPORATEUR |
| EH41A | EVAPORATOR HEATER | EH41A | RECHAUFFEUR EVAPORATEUR |
| EH41B | EVAPORATOR HEATER | EH41B | RECHAUFFEUR EVAPORATEUR |
| EH41C | EVAPORATOR HEATER | EH41C | RECHAUFFEUR EVAPORATEUR |
| EH71 | OIL HEATER CIRCUIT A | EH71 | RECHAUFFEUR HUILE CIRCUIT A |
| EH72 | OIL HEATER CIRCUIT B | EH72 | RECHAUFFEUR HUILE CIRCUIT B |
| EH90 | EVAPORATOR WATER CIRCUIT HEATING ELEMENT | EH90 | RECHAUFFEUR CIRCUIT D'EAU EVAPORATEUR |
| EH90A | AUXILIARY EVAPORATOR WATER CIRCUIT HEATING ELEMENT | EH90A | RECHAUFFEUR CIRCUIT D'EAU EVAPORATEUR AUXILIAIRE |
| EP90 | WATER PUMP | EP90 | POMPE A EAU |
| EP90A | WATER PUMP | EP90A | POMPE A EAU |
| EV11 | CONDENSER FAN | EV11 | VENTILATEUR CONDENSEUR |
| EV12 | CONDENSER FAN | EV12 | VENTILATEUR CONDENSEUR |
| EV21 | CONDENSER FAN | EV21 | VENTILATEUR CONDENSEUR |
| EV22 | CONDENSER FAN | EV22 | VENTILATEUR CONDENSEUR |
| EV31 | CONDENSER FAN | EV31 | VENTILATEUR CONDENSEUR |
| EV32 | CONDENSER FAN | EV32 | VENTILATEUR CONDENSEUR |
| FT1 | COMPRESSOR MOTOR TEMPERATURE SENSOR, COMPRESSOR 1, CIRCUIT A | FT1 | SONDE DE TEMPERATURE MOTEUR COMPRESSEUR 1 CIRCUIT A |
| FT2 | COMPRESSOR MOTOR TEMPERATURE SENSOR, COMPRESSOR 1, CIRCUIT B | FT2 | SONDE DE TEMPERATURE MOTEUR COMPRESSEUR 1 CIRCUIT B |
| GSA1 | CONDENSER FAN MOTOR VARIABLE SPEED DRIVE, CIRCUIT A | GSA1 | VARIATEUR DE VITESSE MOTEUR VENTILATEUR CONDENSEUR CIRCUIT A |
| GSB1 | CONDENSER FAN MOTOR VARIABLE SPEED DRIVE, CIRCUIT B | GSB1 | VARIATEUR DE VITESSE MOTEUR VENTILATEUR CONDENSEUR CIRCUIT B |
| K1 | ELECTRICAL BOX FAN RELAY | K1 | RELAIS COMMANDE VENTILATEUR COFFRET ELECTRIQUE |
| K41 | EVAPORATOR HEATER CONTROL RELAY | K41 | RELAIS COMMANDE RECHAUFFEUR EVAPORATEUR |
| K71 | OIL HEATER CONTROL RELAY, CIRCUIT A | K71 | RELAIS COMMANDE RECHAUFFEUR HUILE CIRCUIT A |

COMPONENT DESIGNATION

DESIGNATION DES COMPOSANTS

NAME
NOM

CARRIER

DATE 25/01/2018
DATE

SHEET 2
FEUILLE

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| K72 | OIL HEATER CONTROL RELAY, CIRCUIT B | K72 | RELAIS COMMANDE RECHAUFFEUR HUILE CIRCUIT B |
| KM1 | CONTACTOR, COMPRESSOR 1, CIRCUIT A | KM1 | CONTACTEUR COMPRESSEUR 1 CIRCUIT A |
| KM1D | DELTA CONTACTOR, COMPRESSOR 1, CIRCUIT A | KM1D | CONTACTEUR TRIANGLE COMPRESSEUR 1 CIRCUIT A |
| KM1Y | STAR CONTACTOR, COMPRESSOR 1, CIRCUIT A | KM1Y | CONTACTEUR ETOILE COMPRESSEUR 1 CIRCUIT A |
| KM2 | CONTACTOR, COMPRESSOR 1, CIRCUIT B | KM2 | CONTACTEUR COMPRESSEUR 1 CIRCUIT B |
| KM2D | DELTA CONTACTOR, COMPRESSOR 1, CIRCUIT B | KM2D | CONTACTEUR TRIANGLE COMPRESSEUR 1 CIRCUIT B |
| KM2Y | STAR CONTACTOR, COMPRESSOR 1, CIRCUIT B | KM2Y | CONTACTEUR ETOILE COMPRESSEUR 1 CIRCUIT B |
| KM90 | EVAPORATOR PUMP CONTACTOR | KM90 | CONTACTEUR POMPE EVAPORATEUR |
| KM90A | AUXILIARY EVAPORATOR PUMP CONTACTOR | KM90A | CONTACTEUR POMPE AUXILIAIRE EVAPORATEUR |
| LEN | LEN | LEN | LEN |
| PE | GROUND | PE | TERRE |
| QF1 | CIRCUIT BREAKER, CONTROL CIRCUIT, COMPRESSOR | QF1 | DISJONCTEUR CIRCUIT CONTROLE COMPRESSEUR |
| QF2 | CIRCUIT BREAKER, CONTROL CIRCUIT, COMPRESSOR | QF2 | DISJONCTEUR CIRCUIT CONTROLE COMPRESSEUR |
| QF41 | COOLER HEATER CIRCUIT BREAKER | QF41 | DISJONCTEUR RECHAUFFEUR EVAPORATEUR |
| QM90 | EVAPORATOR WATER PUMP CIRCUIT BREAKER | QM90 | DISJONCTEUR PROTECTION POMPE A EAU EVAPORATEUR |
| QMA1 | CONDENSER FAN CIRCUIT BREAKER | QMA1 | DISJONCTEUR VENTILATEUR CONDENSEUR |
| QMB1 | CONDENSER FAN CIRCUIT BREAKER | QMB1 | DISJONCTEUR VENTILATEUR CONDENSEUR |
| QS101 | GENERAL DISCONNECT SWITCH, CIRCUIT A | QS101 | INTERRUPTEUR GENERAL CIRCUIT A |
| QS102 | GENERAL DISCONNECT SWITCH, CIRCUIT B | QS102 | INTERRUPTEUR GENERAL CIRCUIT B |
| 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 |
| RT2 | EVAPORATOR ENTERING WATER TEMPERATURE SENSOR | RT2 | SONDE DE TEMPERATURE ENTREE EAU EVAPORATEUR |
| RT31 | SUCTION TEMPERATURE SENSOR, CIRCUIT A | RT31 | SONDE DE TEMPERATURE ASPIRATION CIRCUIT A |
| RT32 | SUCTION TEMPERATURE SENSOR, CIRCUIT B | RT32 | SONDE DE TEMPERATURE ASPIRATION CIRCUIT B |
| RT41 | DISCHARGE GAS TEMPERATURE SENSOR, COMPRESSOR 1, CIRCUIT A | RT41 | SONDE DE TEMPERATURE GAS REFOULEMENT COMPRESSEUR 1 CIRCUIT A |
| RT42 | DISCHARGE GAS TEMPERATURE SENSOR, COMPRESSOR 1, CIRCUIT B | RT42 | SONDE DE TEMPERATURE GAS REFOULEMENT COMPRESSEUR 1 CIRCUIT B |
| RT46 | ECONOMIZER TEMPERATURE SENSOR, CIRCUIT A | RT46 | SONDE DE TEMPERATURE ECONOMISEUR CIRCUIT A |
| RT47 | ECONOMIZER TEMPERATURE SENSOR, CIRCUIT B | RT47 | SONDE DE TEMPERATURE ECONOMISEUR CIRCUIT B |
| RT90 | EVAPORATOR HEATER TEMPERATURE SENSOR | RT90 | SONDE DE TEMPERATURE RECHAUFFEUR EVAPORATEUR |
| SL71 | OIL LEVEL DETECTOR, CIRCUIT A | SL71 | DETECTEUR NIVEAU D'HUILE CIRCUIT A |
| SL72 | OIL LEVEL DETECTOR, CIRCUIT B | SL72 | DETECTEUR NIVEAU D'HUILE CIRCUIT B |
| SP1F | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT A | SP1F | PRESSOSTAT HAUTE PRESSION DE SECURITE COMPRESSEUR 1 CIRCUIT A |
| SP1FA | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT A | SP1FA | PRESSOSTAT HAUTE PRESSION DE SECURITE COMPRESSEUR 1 CIRCUIT A |
| SP2F | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT B | SP2F | PRESSOSTAT HAUTE PRESSION DE SECURITE COMPRESSEUR 1 CIRCUIT B |
| SP2FA | HIGH PRESSURE SAFETY SWITCH, COMPRESSOR 1, CIRCUIT B | SP2FA | PRESSOSTAT HAUTE PRESSION DE SECURITE COMPRESSEUR 1 CIRCUIT B |
| SP90F | EVAPORATOR PUMP FLOW SWITCH | SP90F | DETECTEUR DEBIT EAU POMPE EVAPORATEUR |
| ST101F | ELECTRICAL BOX SAFETY THERMOSTAT | ST101F | THERMOSTAT DE SECURITE TEMPERATURE COFFRET ELECTRIQUE |
| TC1 | CONTROL CIRCUIT TRANSFORMER, COMPRESSOR 1, CIRCUIT A | TC1 | TRANSFORMATEUR CIRCUIT COMMANDE COMPRESSEUR 1 CIRCUIT A |
| TC2 | CONTROL CIRCUIT TRANSFORMER, COMPRESSOR 1, CIRCUIT B | TC2 | TRANSFORMATEUR CIRCUIT COMMANDE COMPRESSEUR 1 CIRCUIT B |
| TI1 | CURRENT TRANSFORMER, COMPRESSOR 1, CIRCUIT A | TI1 | TRANSFORMATEUR D INTENSITE COMPRESSEUR 1 CIRCUIT A |
| TI2 | CURRENT TRANSFORMER, COMPRESSOR 1, CIRCUIT B | TI2 | TRANSFORMATEUR D INTENSITE COMPRESSEUR 1 CIRCUIT B |
| Y11 | CAPACITY CONTROL VALVE , COMPRESSOR 1, CIRCUIT A | Y11 | VANNE DE REGULATION DE PUISSANCE COMPRESSEUR 1 DU CIRCUIT A |
| Y12 | CAPACITY CONTROL VALVE , COMPRESSOR 1, CIRCUIT A | Y12 | VANNE DE REGULATION DE PUISSANCE COMPRESSEUR 1 DU CIRCUIT A |
| Y21 | CAPACITY CONTROL VALVE , COMPRESSOR 1, CIRCUIT B | Y21 | VANNE DE REGULATION DE PUISSANCE COMPRESSEUR 1 DU CIRCUIT B |
| Y22 | CAPACITY CONTROL VALVE , COMPRESSOR 1, CIRCUIT B | Y22 | VANNE DE REGULATION DE PUISSANCE COMPRESSEUR 1 DU CIRCUIT B |
| YV54 | COIL DISCHARGE VALVE, CIRCUIT A | YV54 | VANNE DE REFOULEMENT BATTERIE CIRCUIT A |
| YV55 | COIL DISCHARGE VALVE, CIRCUIT B | YV55 | VANNE DE REFOULEMENT BATTERIE CIRCUIT B |
| YV71 | OIL VALVE, COMPRESSOR 1, CIRCUIT A | YV71 | VANNE D'HUILE COMPRESSEUR 1 CIRCUIT A |
| YV72 | OIL VALVE, COMPRESSOR 1, CIRCUIT B | YV72 | VANNE D'HUILE COMPRESSEUR 1 CIRCUIT B |

COMPONENT DESIGNATION

DESIGNATION DES COMPOSANTS

NAME
NOM

CARRIER

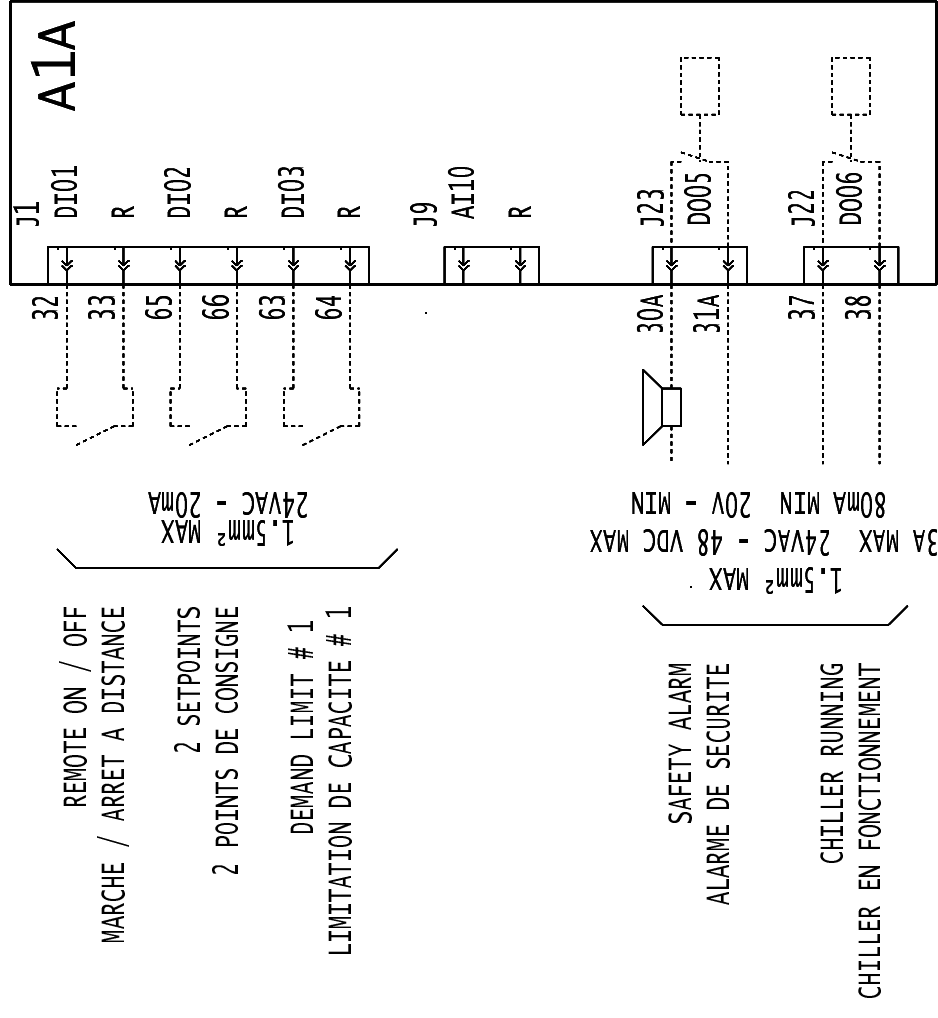
DATE 25/01/2018
DATE

SHEET 3
FEUILLE

00DCG008214800

A

SECTION RESERVED FOR ADDITIONAL ON-SITE INFORMATION
 PARTIE RESERVEE POUR INFORMATIONS COMPLEMENTAIRES SUR CHANTIER



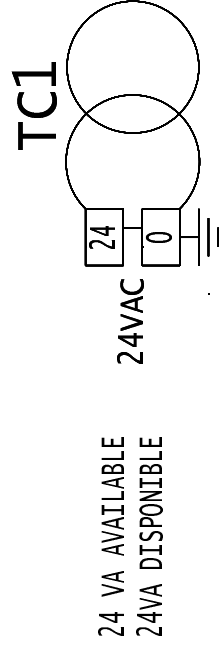
REMOTE ON / OFF
 MARCHE / ARRÊT À DISTANCE

2 SETPOINTS
 2 POINTS DE CONSIGNE

DEMAND LIMIT # 1
 LIMITATION DE CAPACITE # 1

SAFETY ALARM
 ALARME DE SECURITE

CHILLER RUNNING
 CHILLER EN FONCTIONNEMENT



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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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 |
| CONTROL CONNECTIONS CONNEXIONS CONTROLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | NAME NOM | CARRIER | DATE DATE | SHEET FEUILLE | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 00DCG008214800 | | | | 4 | | | | | |

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POWER INPUT OF UNIT UNDER MAXIMUM LOAD CONDITIONS
 PUISSANCE ABSORBEE DE L'UNITE AUX CONDITIONS MAXIMALES

138 kW

MAXIMUM OPERATING CURRENT AT MINIMUM VOLTAGE (360V)
 INTENSITE DE FONCTIONNEMENT MAXIMUM A TENSION MINIMUM (360V)

240 A

MAXIMUM CURRENT ON START-UP
 INTENSITE MAXIMUM DE DEMARRAGE

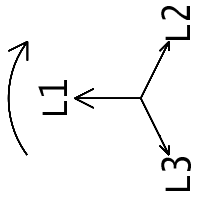
280 A

CURRENT DRAWN AT NOMINAL CONDITIONS (400V)
 INTENSITE DE FONCTIONNEMENT NOMINALE (400V)

173 A

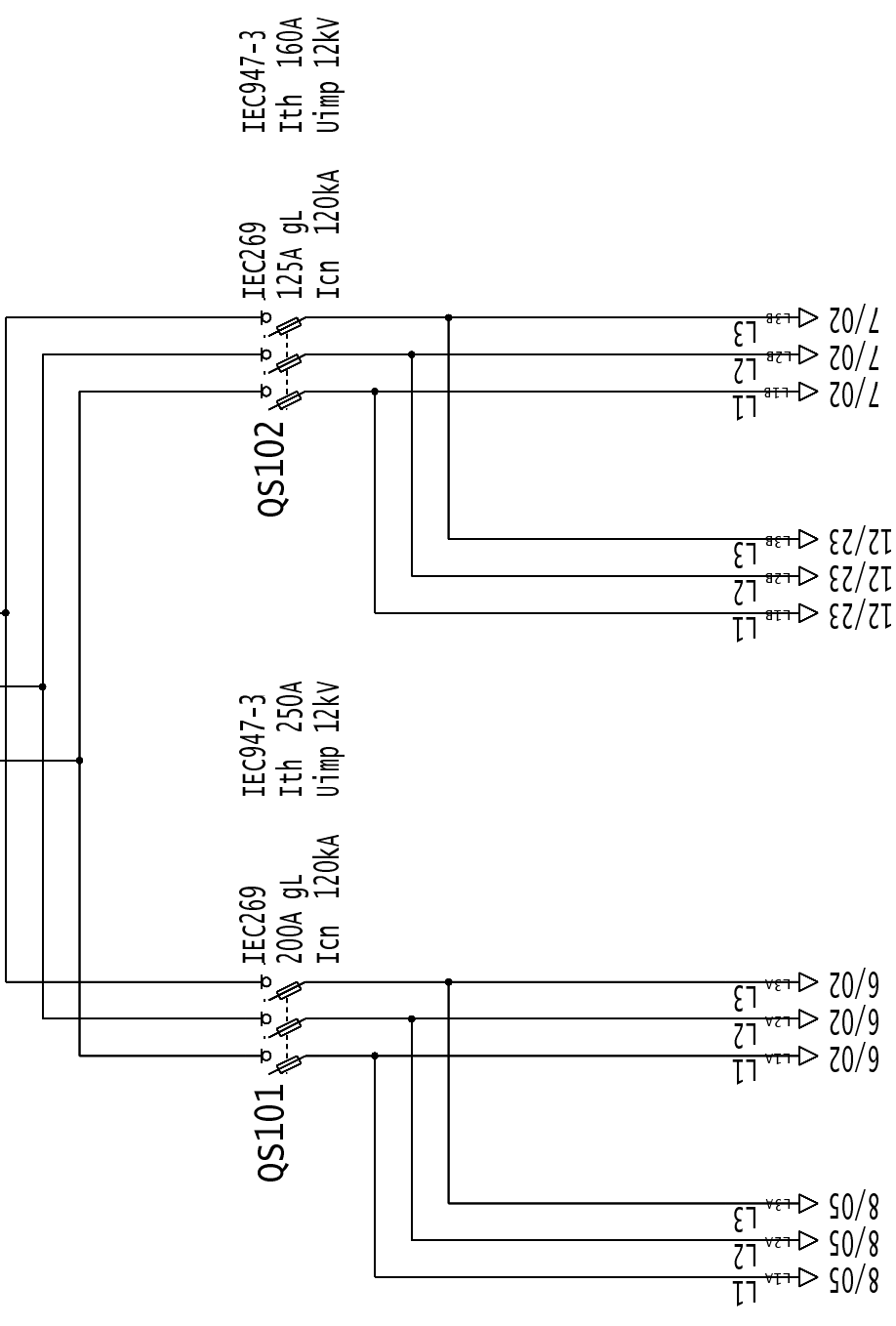
MAXIMUM OPERATING CURRENT AT NOMINAL VOLTAGE (400V)
 INTENSITE DE FONCTIONNEMENT MAXIMUM A TENSION NOMINALE (400V)

222 A



IMPERATIVE : RESPECT THE CORRECT PHASE CONNECTIONS
 RESPECTER IMPERATIVEMENT L'ORDRE DES PHASES

3~50Hz 400V



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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 |
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**POWER SUPPLY
 ALIMENTATION**

NAME
 NOM

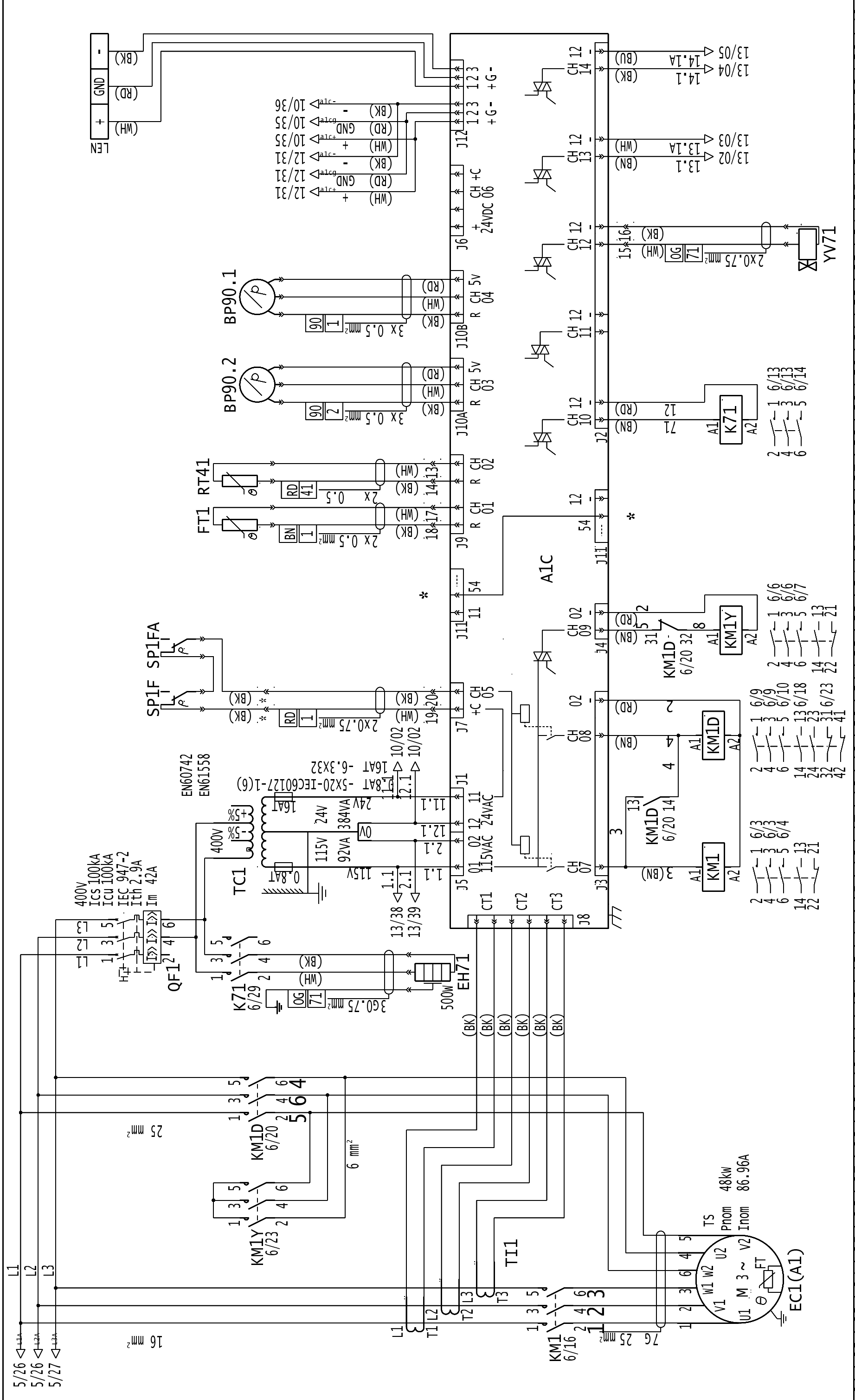
CARRIER

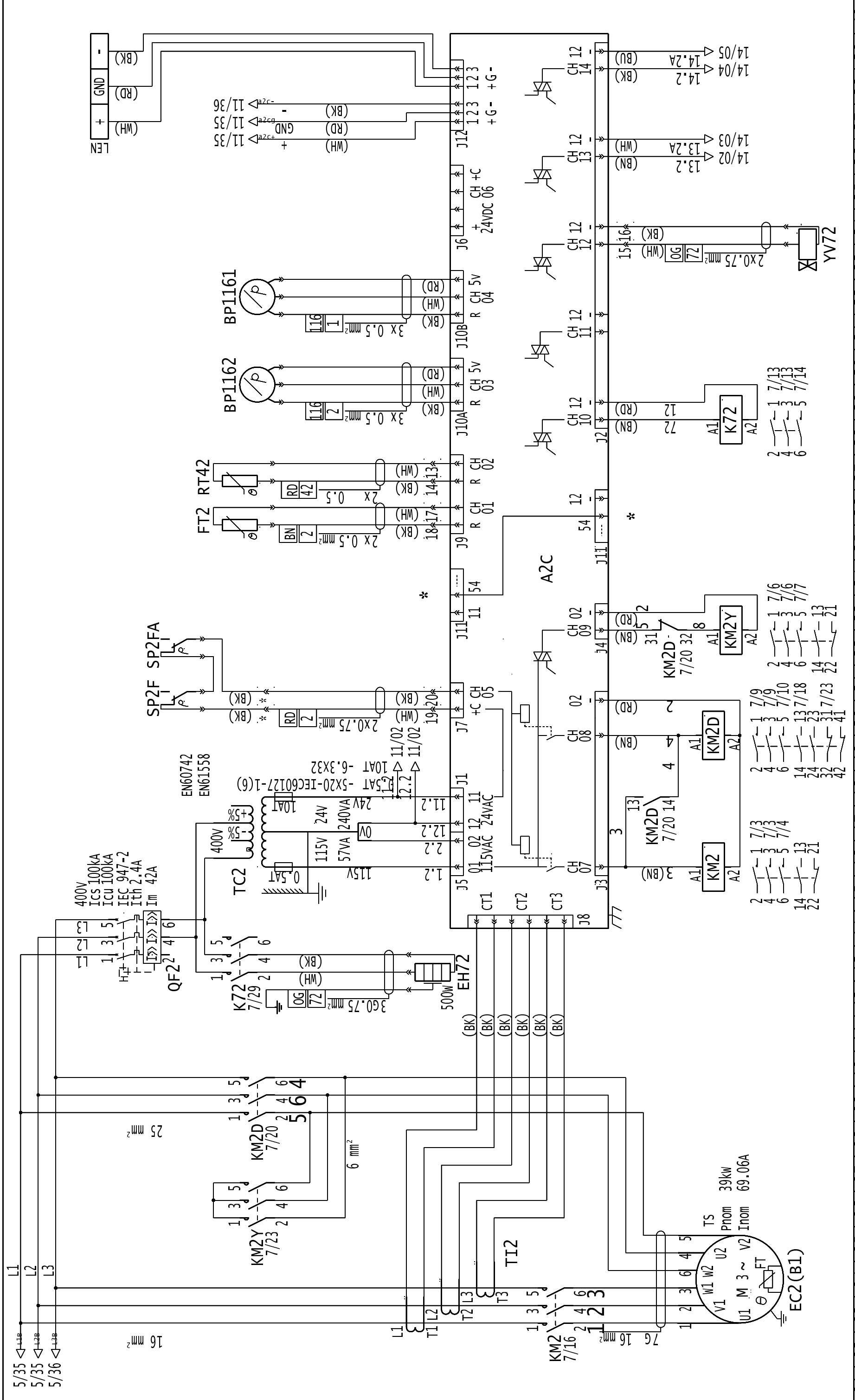
DATE 25/01/2018
 DATE

SHEET 5
 FEUILLE

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5/23 $\overleftarrow{L1}$
 5/23 $\overleftarrow{L2}$
 5/24 $\overleftarrow{L3}$

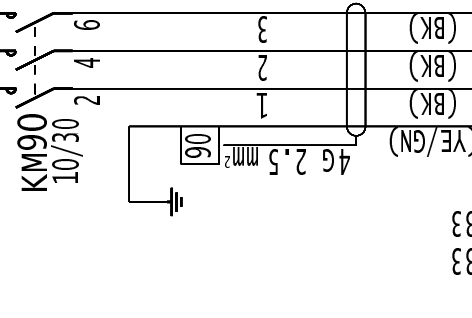
L1 $\overrightarrow{L1}$ 9/05
 L2 $\overrightarrow{L2}$ 9/05
 L3 $\overrightarrow{L3}$ 9/05

400V
 ICS 25KA
 Icu 55KA
 IEC 947-2
 Ith 10A
 Im 208A

QM90 2 4 6

KM90 10/30 2 4 6

KM90A 10/27 2 4 6



U1 V1 W1
 M3~
 FT
 EP90
 Pnom 5.5kW
 Inom 9.7A
 LRA 93.1A

90
 2x0.75 mm²
 10/33

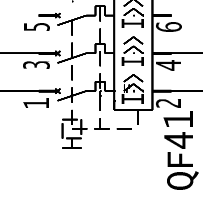
90A
 2x0.75 mm²
 10/31

90A
 2x0.75 mm²
 10/31

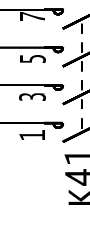
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| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| WATER PUMP AND CONTROL SUPPLY POMPES A EAU ET ALIMENTATION CONTROLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NAME | | | | | | | | | | | | | | | CARRIER | | | | | | | | | | | | | | | DATE | | SHEET | | | | | | | |
| NOM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25/01/2018 | | 8 | | | | | | | |
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8/38 ← L1 → 12/04
 8/38 ← L2 → 12/04
 8/38 ← L3 → 12/04

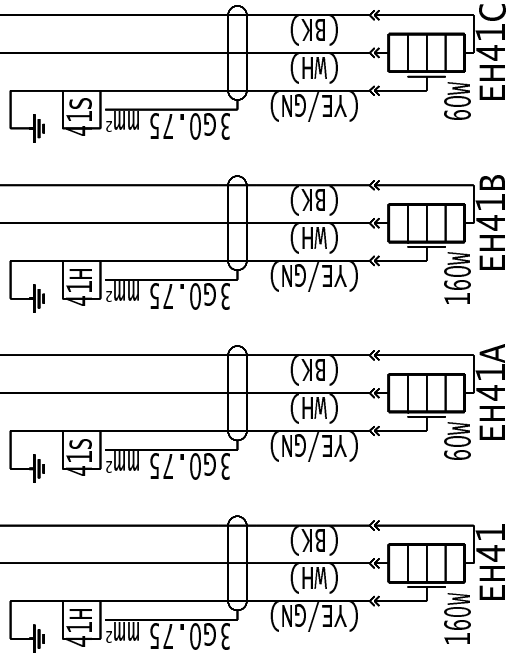
400V
 Ics 100kA
 Icu 100kA
 IEC 947-2
 Ith 1.6A
 Im 21A



QF41



K41
 10/15

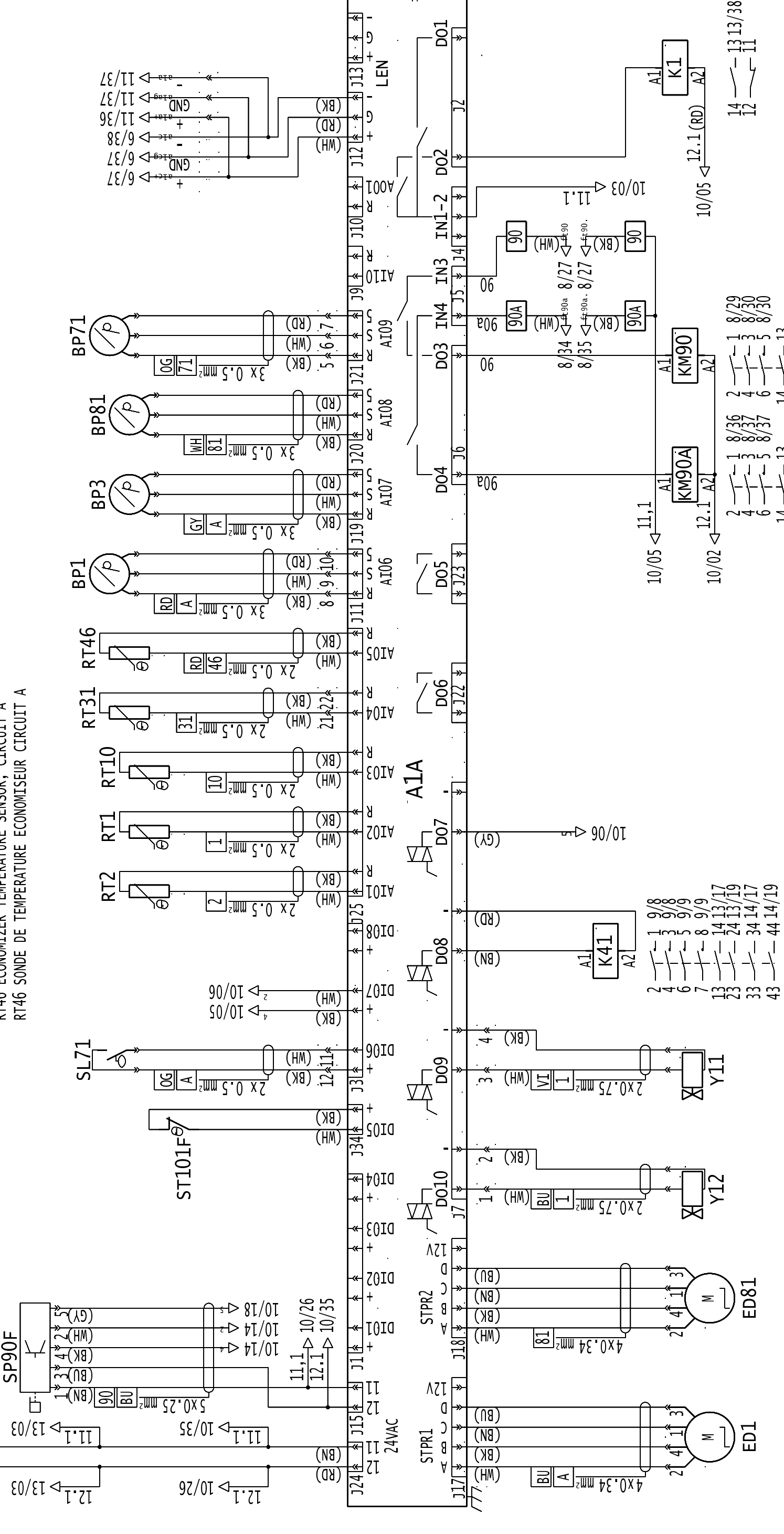


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| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| WATER PUMP AND CONTROL SUPPLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| POMPES A EAU ET ALIMENTATION CONTROLE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NAME NOM | | CARRIER | | DATE DATE | | 25/01/2018 | | SHEET FEUILLE | | 9 | | 00DCG008214800 | | A | | | | | | | | | | | | | | | | | | | | | | | | | |

ED1 ELECTRONIC EXPANSION VALVE, CIRCUIT A
 ED1 DETENDEUR ELECTRONIQUE CIRCUIT A
 ED81 ELECTRONIC EXPANSION VALVE ECONOMIZER, CIRCUIT A
 ED81 DETENDEUR ELECTRONIQUE ECONOMISEUR CIRCUIT A
 SP90F EVAPORATOR PUMP FLOW SWITCH
 SP90F DETECTEUR DEBIT EAU POMPE EVAPORATEUR

RT1 EVAPORATOR LEAVING WATER TEMPERATURE SENSOR
 RT1 SONDE DE TEMPERATURE SORTIE EAU EVAPORATEUR
 RT2 EVAPORATOR ENTERING WATER TEMPERATURE SENSOR
 RT2 SONDE DE TEMPERATURE ENTREE EAU EVAPORATEUR
 RT10 AMBIENT OR OUTSIDE AIR TEMPERATURE SENSOR
 RT10 SONDE DE TEMPERATURE AIR AMBIANT OU EXTERIEUR
 RT31 SUCTION TEMPERATURE SENSOR, CIRCUIT A
 RT31 SONDE DE TEMPERATURE ASPIRATION CIRCUIT A
 RT46 ECONOMIZER TEMPERATURE SENSOR, CIRCUIT A
 RT46 SONDE DE TEMPERATURE ECONOMISEUR CIRCUIT A

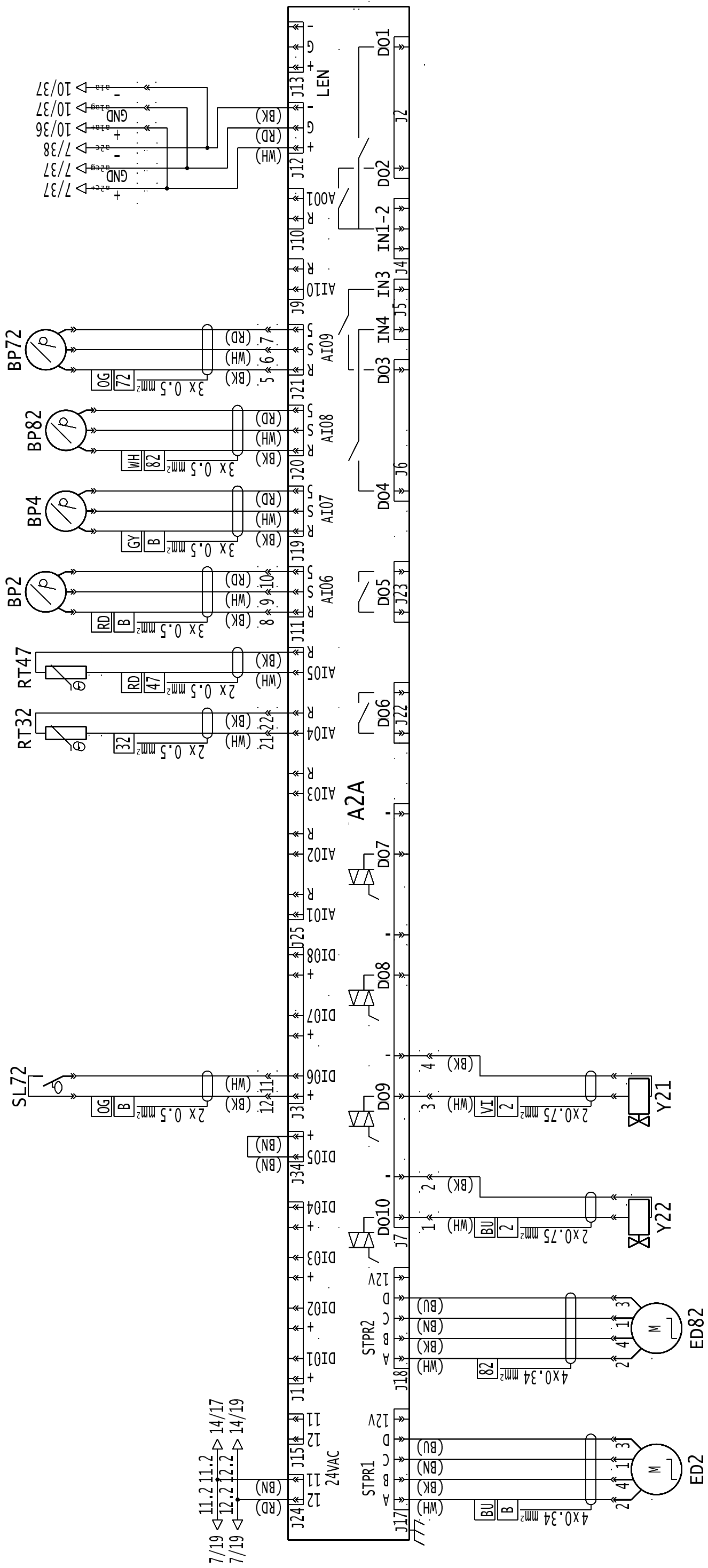
BP1 DISCHARGE PRESSURE TRANSDUCER, CIRCUIT A
 BP1 TRANSDUCTEUR DE PRESSION REFOULEMENT CIRCUIT A
 BP3 SUCTION PRESSURE TRANSDUCER. CIRCUIT A
 BP3 TRANSDUCTEUR DE PRESSION ASPIRATION CIRCUIT A
 BP81 ECONOMIZER PRESSURE TRANSDUCER
 BP81 TRANSDUCTEUR DE PRESSION ECONOMISEUR
 BP71 OIL PRESSURE TRANSDUCER, COMPRESSOR 1, CIRCUIT A
 BP71 TRANSDUCTEUR DE PRESSION HUILE COMPRESSEUR 1 CIRCUIT A

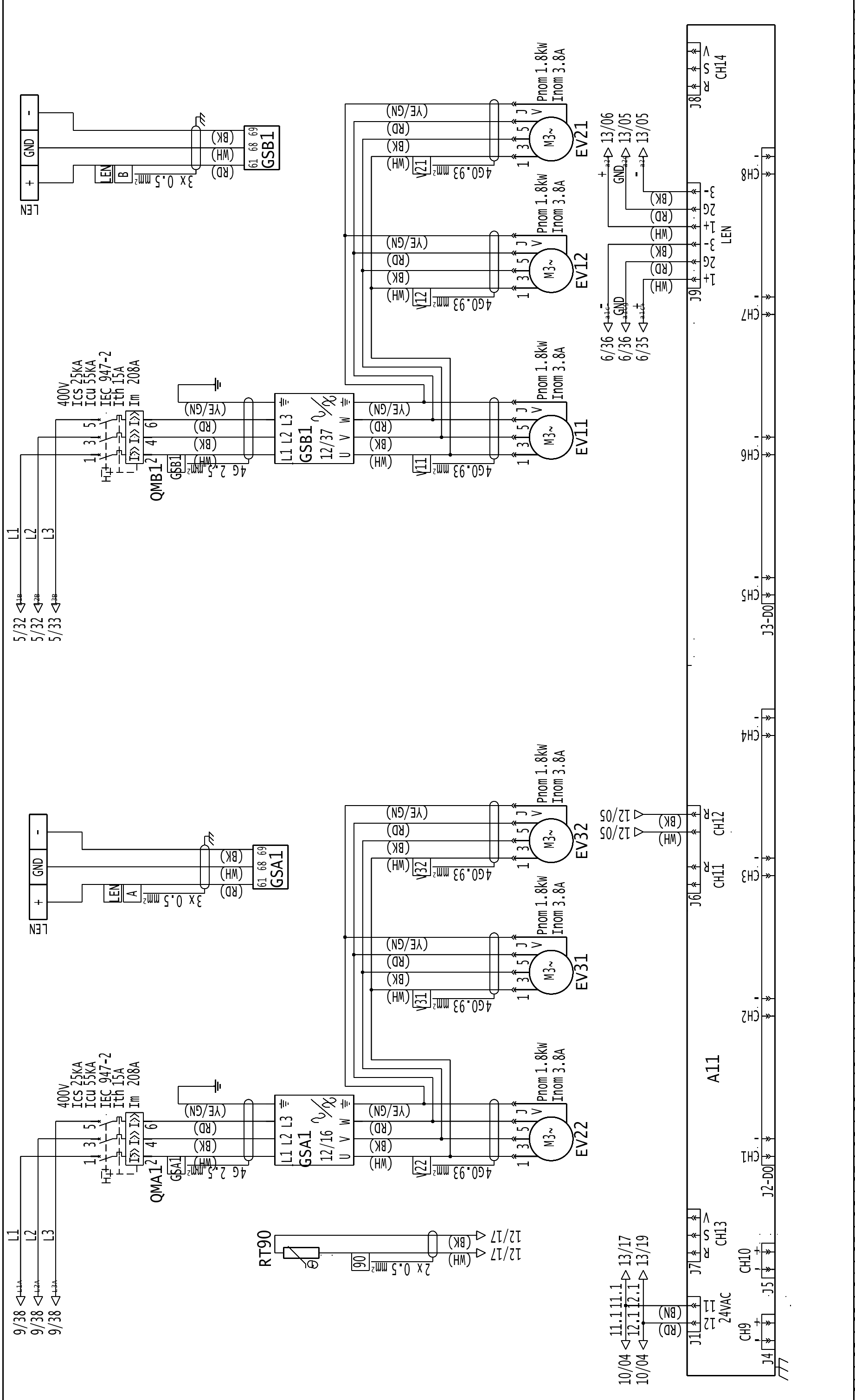


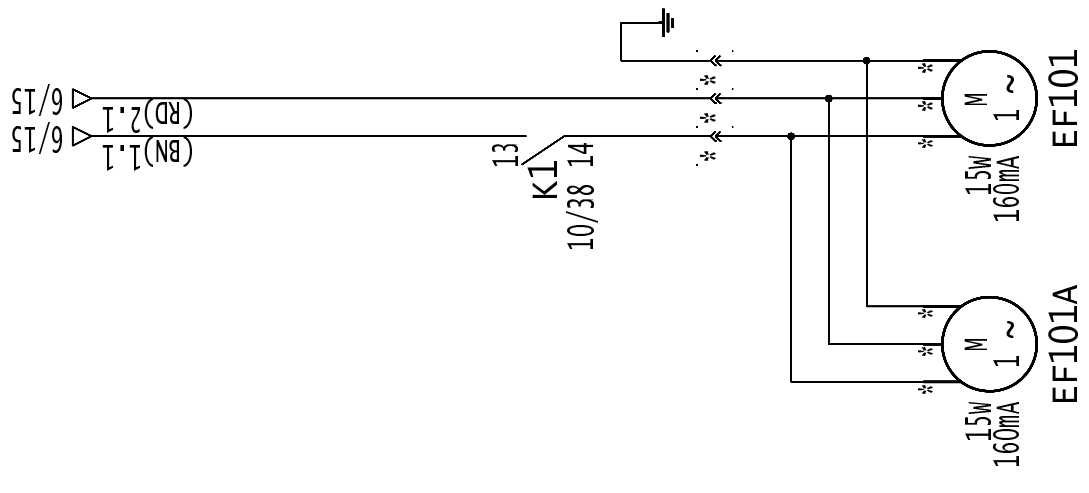
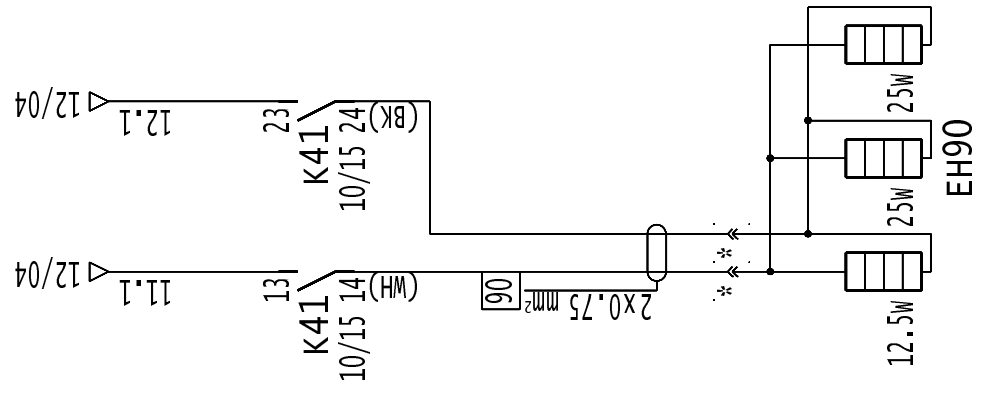
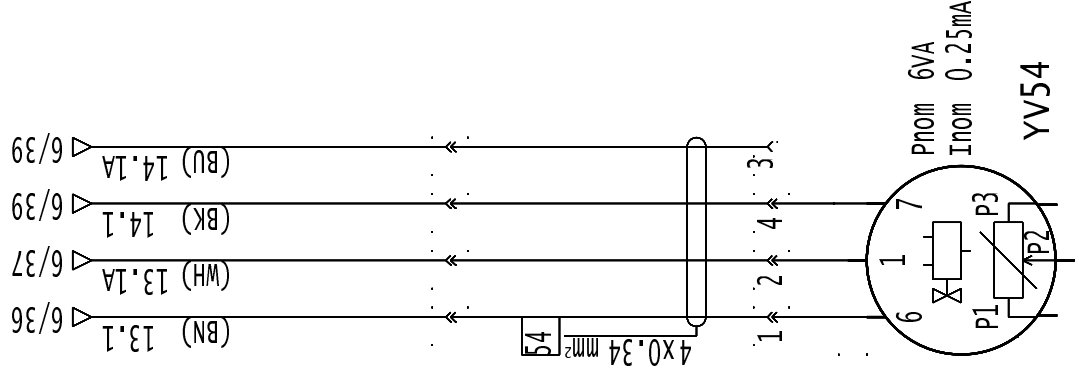
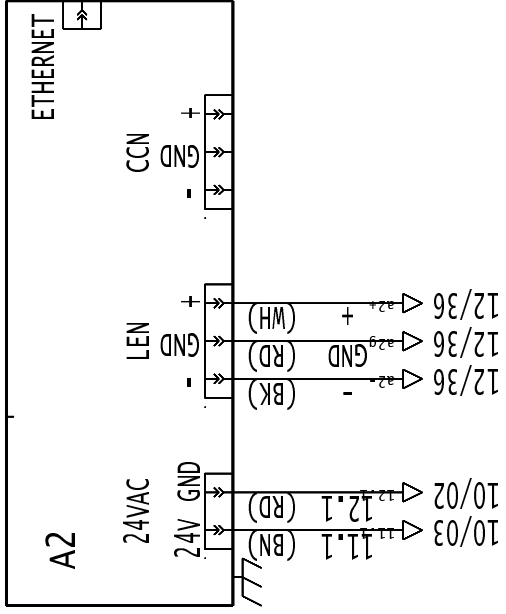
ED2 ELECTRONIC EXPANSION VALVE, CIRCUIT B
 ED2 DETENDEUR ELECTRONIQUE CIRCUIT B
 ED82 ELECTRONIC EXPANSION VALVE ECONOMIZER, CIRCUIT B
 ED82 DETENDEUR ELECTRONIQUE ECONOMISEUR CIRCUIT B

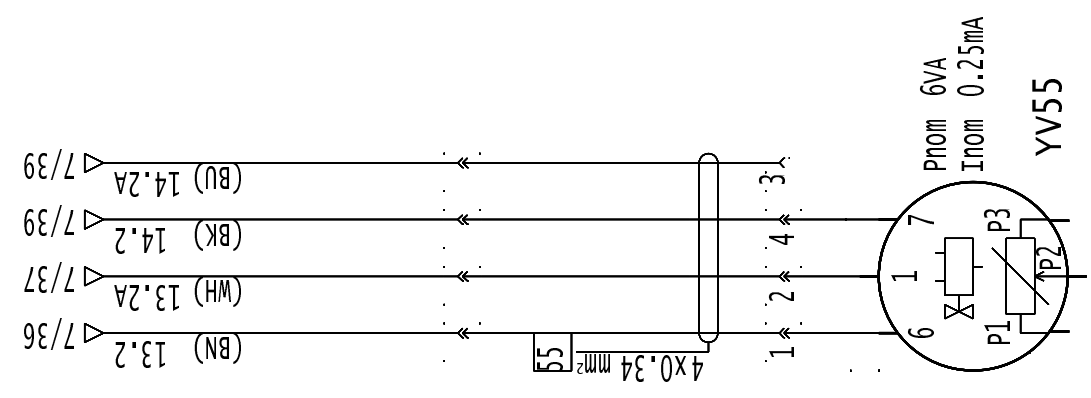
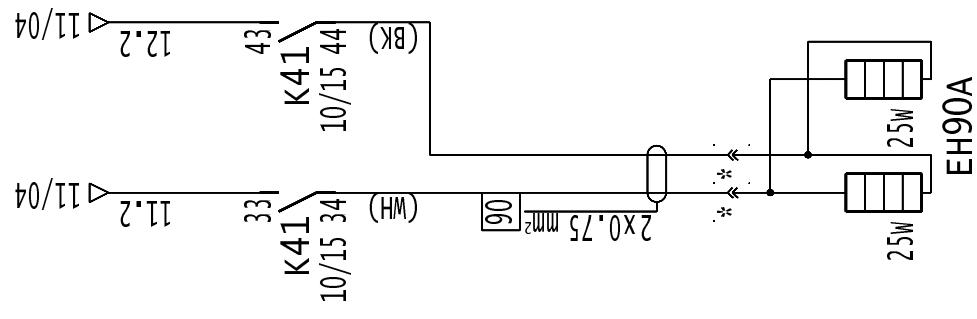
RT32 SUCTION TEMPERATURE SENSOR, CIRCUIT B
 RT32 SONDE DE TEMPERATURE ASPIRATION CIRCUIT B
 RT47 ECONOMIZER TEMPERATURE SENSOR, CIRCUIT B
 RT47 SONDE DE TEMPERATURE ECONOMISEUR CIRCUIT B

BP2 DISCHARGE PRESSURE TRANSDUCER, CIRCUIT B
 BP2 TRANSDUCTEUR DE PRESSION REFOULEMENT CIRCUIT B
 BP4 SUCTION PRESSURE TRANSDUCER. CIRCUIT B
 BP4 TRANSDUCTEUR DE PRESSION ASPIRATION CIRCUIT B
 BP82 ECONOMIZER PRESSURE TRANSDUCER
 BP82 TRANSDUCTEUR DE PRESSION ECONOMISEUR
 BP72 OIL PRESSURE TRANSDUCER, COMPRESSOR 1, CIRCUIT B
 BP72 TRANSDUCTEUR DE PRESSION HUILE COMPRESSEUR 1 CIRCUIT B









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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 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | NAME | CARRIER | DATE | SHEET | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | NOM | | 25/01/2018 | 14 | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | 00DCG008214800 | | FEUILLE | | | | | | | | | |
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**CONTROL WIRING
REGULATION**

INSIDE THE ELECTRICAL BOX (UNLESS OTHERWISE SPECIFIED): ALL
 POWER AND SUPPLY WIRES ARE BLACK.
 GROUND WIRES 2 AND 12 ARE RED.
 THE COMMUNICATION BUS WIRES ARE WHITE, BLACK AND RED.
 ALL OTHER WIRES ARE BROWN.
 THE CONTROL WIRING IS 0.93 MM², AWG 18 HO5VK QUALITY 105
 DEGREES WITH CORE, UNLESS OTHERWISE SPECIFIED.

A L'INTERIEUR DE L'ARMOIRE (SAUF INDICATION) : TOUS LES FILS
 DE PUISSANCE ET D'ALIMENTATION SONT NOIRS.
 LES COMMUNS 2 ET 12 SONT ROUGES.
 LES FILS DE BUS DE COMMUNICATION SONT BLANCS, NOIRS ET
 ROUGES.
 TOUS LES AUTRES FILS SONT BRUNS.
 LA FILIERIE CONTROLE EST EN 0,93 MM CARRE, AWG 18 HO5VK DE
 QUALITE 105 DEGRES SUR AME, SAUF INDICATION.

STANDARDISED WIRE COLOURING CODE
 BLACK : BK BROWN : BN
 BLUE : BU GREEN : GN
 GREY : GY AMBER : OG
 RED : RD VIOLET : VI
 WHITE : WH 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

CODE NORMALISE DES COULEURS DE FILS
 NOIR : BK BRUN : BN
 BLEU : BU VERT : GN
 GRIS : GY ORANGE : OG
 ROUGE : RD VIOLET : VI
 BLANC : WH JAUNE : YE

A L'EXTERIEUR DE L'ARMOIRE (SAUF INDICATION) : LES CABLES
 MULTICONDUCTEURS CONTROLES ET CAPTEURS SONT DE QUALITE 105
 DEGRES SUR AME, ET DU GENRE 05WVF POUR UTILISATION EXTERIEUR.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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
 BORNIEERS ET NOTES

NAME
 NOM

CARRIER

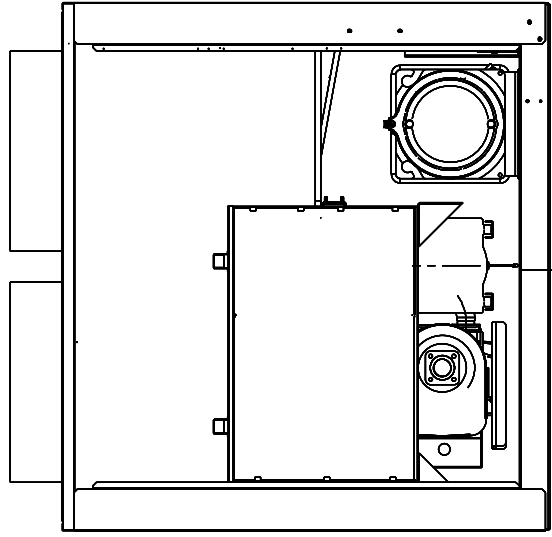
DATE 25/01/2018
 DATE

SHEET
 FEUILLE

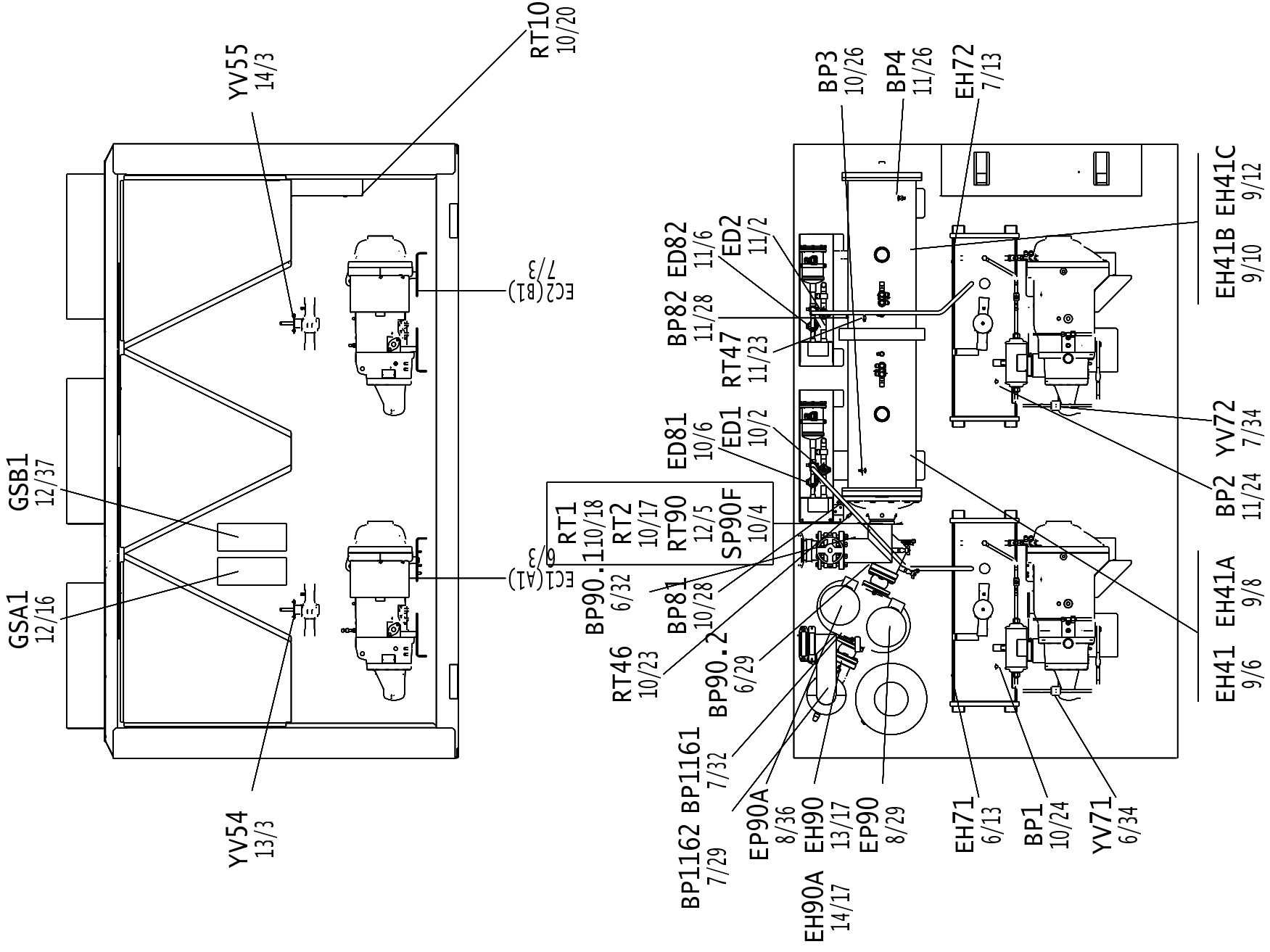
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15

A



SL71
10/12
SL72
11/12



GSA1
12/16
GSB1
12/37

YV54
13/3

YV55
14/3

EC2(B)
7/3

RT10
10/20

EC1(A)
9/3

RT1
11/10/18

BP90.1
6/32

RT2
10/17

RT90
12/5

SP90F
10/4

RT46
10/23

BP81
10/28

BP90.2
6/29

BP1162
7/29

BP1161
7/32

EP90A
8/36

EH90
13/17

EP90
8/29

EH71
6/13

BP1
10/24

YV71
6/34

ED81
10/6

ED1
10/2

RT47
11/23

BP82
11/28

ED82
11/6

ED2
11/2

BP3
10/26

BP4
11/26

EH72
7/13

EH41
9/6
EH41A
9/8

BP2
11/24
YV72
7/34

EH41B
9/10
EH41C
9/12

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
IMPLANTATION

NAME
NOM

CARRIER

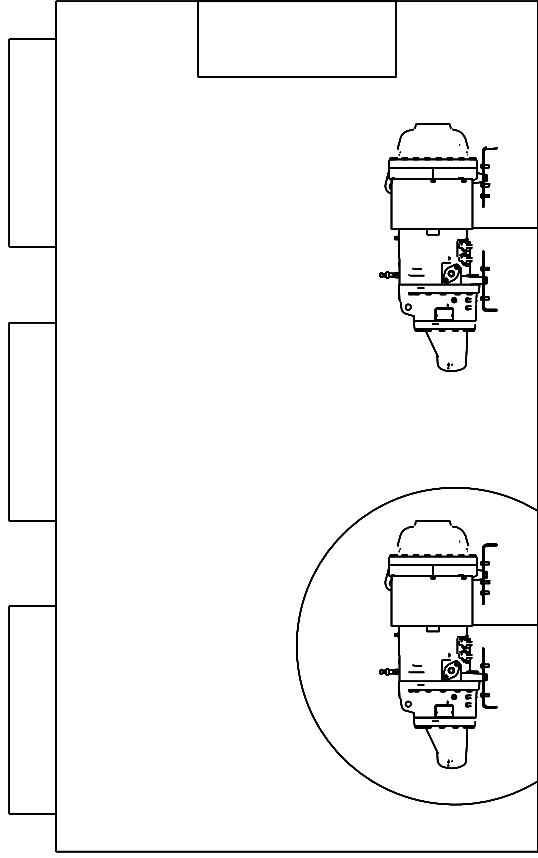
DATE
DATE

SHEET
FEUILLE

00DCG008214800

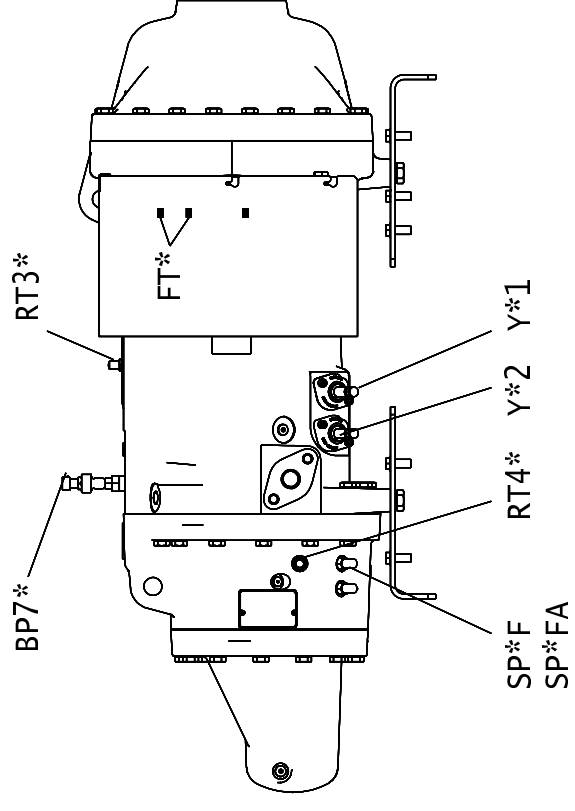
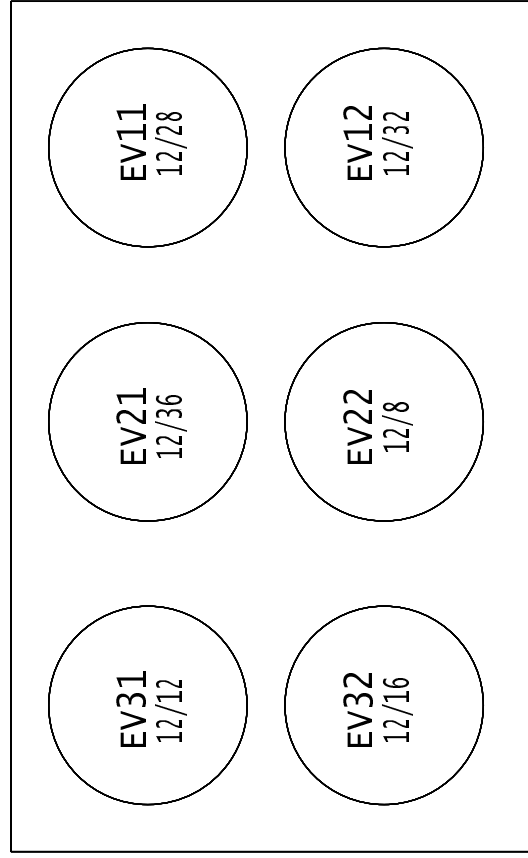
16

A



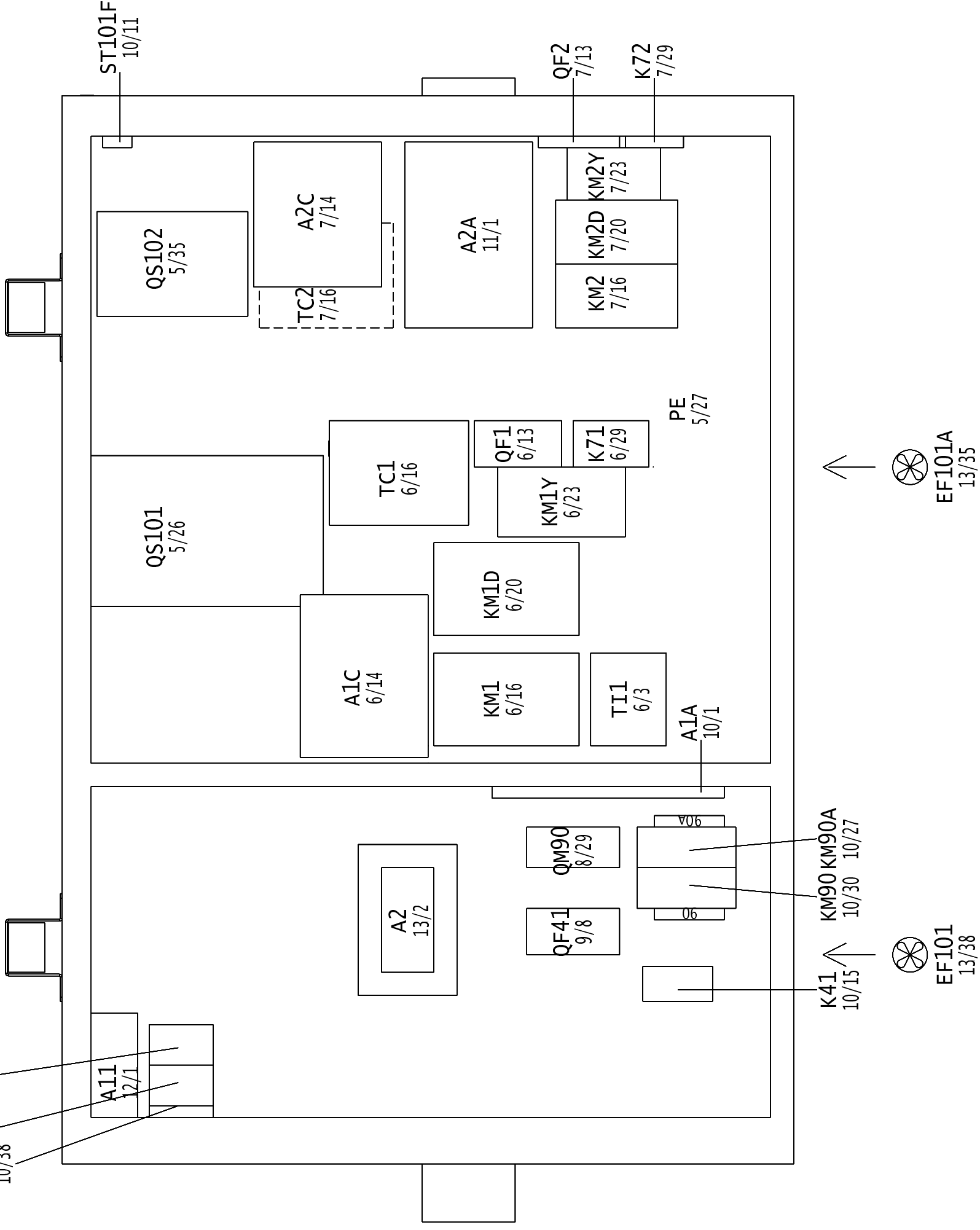
BP71 RT31
 10/30 10/21
 SP1F Y11
 6/20 10/12
 RT41 Y12
 6/27 10/9
 SP1FA FT1
 6/22 6/26

BP72 RT32
 11/30 11/21
 SP2F Y21
 7/20 11/12
 RT42 Y22
 7/27 11/9
 SP2FA FT2
 7/22 7/26



QMA1 QMB1
12/8 12/28

K1
10/38



| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------|---------|--------------|------------|------------------|----|----|----|----|----|----|----|----|
| 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 IMPLANTATION | | | | | | | | | | | | | | | | | | | | | | | | | | | NAME NOM | CARRIER | DATE DATE | 25/01/2018 | SHEET FEUILLE | 18 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | 00DCG008214800 | | | | A | | | | | | | | |