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|-----------------|-----------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------|
| A1A&A2A         | MODULE A MICROPROCESSEUR                                                          | QF100           | DISJONCTEUR AUXILIAIRE PROTECTION                                |
| A2              | AFFICHEUR                                                                         | QF116/116A      | DISJONCTEUR COFFRET ELECTRIQUE POMPE                             |
| A1C&A2C         | MODULE ENTREES/SORTIES                                                            | QF284A          | INTERRUPTEUR DIFFERENTIEL PRISE DE COURANT                       |
| A5              | CARTE ELECTRONIQUE CTRL CIRCUIT POMPE HYDRAILLIQUE / MODULE ENTREE SORTIE         | QFA             | DISJONCTEUR AUXILIAIRE CIRCUIT DE CONTROLE                       |
| A50             | MODULE ENTREES/SORTIES                                                            | QFAC            | DISJONCTEUR PROTECTION RECHAUFFEUR HUILE ET EVAPORATEUR          |
| A148            | PASSERELLE CCN-JBUS / CCN-LON                                                     | QFB             | DISJONCTEUR AUXILIAIRE CIRCUIT DE CONTROLE                       |
| A156            | MODULE DE GESTION D'ENERGIE                                                       | QFBC            | DISJONCTEUR PROTECTION RECHAUFFEUR CIRCUIT EAU EVAPORATEUR       |
| A159            | CARTE ELECTRONIQUE DETECTION FUITE REFRIGERANT                                    | QM11&12-QM21&22 | DISJONCTEUR VENTILATEUR CONDENSEUR CIRCUIT A ET B                |
| A294            | MODULE COMPTEUR D'ENERGIE                                                         | QFC             | DISJONCTEUR CIRCUIT MODEM 4G                                     |
| A295+           | MODULE REDEMARAGE RAPIDE                                                          | QM90-QM91-QM92  | DISJONCTEUR PROTECTION POMPE A EAU EVAPORATEUR                   |
| A298A           | MODEM 4G                                                                          | QM100           | DISJONCTEUR PROTECTION VENTILATEURS COFFRET ELECTRIQUE CONTROLE  |
| BP1-BP2         | TRANSDUCTEUR DE PRESSION REFOULEMENT CIRCUIT A&B                                  | QM100A          | DISJONCTEUR PROTECTION VENTILATEURS COFFRET ELECTRIQUE CONTROLE  |
| BP3-BP4         | TRANSDUCTEUR DE PRESSION ASPIRATION CIRCUIT A&B                                   | QM101           | DISJONCTEUR PROTECTION VENTILATEURS COFFRET ELECTRIQUE PUISSANCE |
| BP51A-BP52A     | PRESSION LIQUIDE ENTREE EXV CIRCUIT A&B                                           | QS100           | INTERRUPTEUR GENERAL                                             |
| BP53-BP54       | TRANSDUCTEUR PRESSION REFOULEMENT ENTREE BATTRIE MODE RECUPERATION DE CHALEUR A&B | QS100A          | INTERRUPTEUR GENERAL COFFRET ELECTRIQUE CONTROLE                 |
| BP71&72         | TRANSDUCTEUR DE PRESSION HUILE COMPRESSEUR                                        | QS101A          | PORTE FUSIBLE CIRCUIT VENTILATION 230V COFFRET                   |
| BP81&82         | TRANSDUCTEUR DE PRESSION ECONOMISEUR                                              | RT1             | SONDE DE TEMPERATURE SORTIE EAU EVAPORATEUR                      |
| BP90.1          | TRANSDUCTEUR PRESSION SORTIE EAU POMPE HYDRAULIQUE EVAPORATEUR                    | RT2             | SONDE DE TEMPERATURE ENTREE EAU EVAPORATEUR                      |
| BP90.2          | TRANSDUCTEUR PRESSION ENTREE EAU POMPE HYDRAULIQUE EVAPORATEUR                    | RT10            | SONDE DE TEMPERATURE AIR AMBIANTE OU EXTERIEURE                  |
| EC1-EC2         | COMPRESSEUR                                                                       | RT31-RT32       | SONDE DE TEMPERATURE ASPIRATION CIRCUIT A&B                      |
| ED1&2           | DETENDEURS ELECTRONIQUE                                                           | RT41-RT42       | SONDE DE TEMPERATURE REFOULEMENT COMPRESSEUR A&B                 |
| ED81&82         | DETENDEURS ELECTRONIQUE ECONOMISEUR                                               | RT46-RT47       | SONDE DE TEMPERATURE ECONOMISEUR                                 |
| EF100/100A/100B | VENTILATEURS COFFRET ELECTRIQUE CONTROLE                                          | RT51-RT52       | TEMPERATURE LIQUIDE ENTREE EXV CIRCUIT A&B                       |
| EF101-EF102     | VENTILATEURS COFFRET ELECTRIQUE PUISSANCE                                         | RT55            | SONDE DE TEMPERATURE ENTREE EAU CONDENSEUR DE RECUPERATION       |
| EF116           | VENTILATEUR COFFRET POMPES                                                        | RT56            | SONDE DE TEMPERATURE SORTIE EAU CONDENSEUR DE RECUPERATION       |
| EH41            | RECHAUFFEURS EVAPORATEUR                                                          | RT90            | SONDE DE TEMPERATURE RECHAUFFEUR EVAPORATEUR                     |
| EH51&52         | RECHAUFFEURS CONDENSEUR                                                           | RT100           | SONDE DE TEMPERATURE SORTIE EAU COMMUNE EVAPORATEUR              |
| EH71&72         | RECHAUFFEURS HUILE                                                                | SL71-SL72       | DETECTEUR NIVEAU D'HUILE CIRCUIT A&B                             |
| EH90-EH90A      | RECHAUFFEUR CIRCUIT EAU EVAPORATEUR                                               | SP1F&A-SP2F&A   | PRESSOSTAT HAUTE PRESSION DE SECURITE COMPRESSEUR                |
| EP91            | POMPE A EAU EVAPORATEUR                                                           | SP90F           | DETECTEUR DEBIT D'EAU POMPE EVAPORATEUR                          |
| EP92            | POMPE A EAU EVAPORATEUR                                                           | SP95F           | DETECTEUR DEBIT EAU CONDENSEUR                                   |
| EV11-EV82       | VENTILATEURS CONDENSEUR                                                           | ST100           | THERMOSTAT DE REGULATION VENTILATION COFFRET CONTROLE            |
| FT1-FT2         | SONDES DE TEMPERATURE MOTEUR COMPRESSEUR                                          | ST100F          | THERMOSTAT DE SECURITE TEMPERATURE COFFRET ELECTRIQUE PUISSANCE  |
| FU294           | PROTECTION MODULE COMPTEUR D'ENERGIE                                              | ST100FA         | THERMOSTAT DE SECURITE TEMPERATURE COFFRET ELECTRIQUE CONTROLE   |
| GS1&GS2         | VARIATEURS DE VITESSE DEMARRAGE COMPRESSEUR                                       | ST116           | THERMOSTAT COFFRET ELECTRIQUE POMPE                              |
| GS11&GS21       | VARIATEURS DE VITESSE MOTEUR VENTILATEUR CONDENSEUR CIRCUIT A                     | TC              | TRANSFORMATEUR CIRCUIT CONTROLE                                  |
| GS12&GS22       | VARIATEURS DE VITESSE MOTEUR VENTILATEUR CONDENSEUR CIRCUIT B                     | TCA             | TRANSFORMATEUR AUXILIAIRE CIRCUIT CONTROLE                       |
| GS91-GS92       | VARIATEURS DE VITESSE POMPE A EAU EVAPORATEUR                                     | TC100           | TRANSFORMATEUR AUXILIAIRE CIRCUIT CONTROLE                       |
| K41             | RELAIS COMMANDE RECHAUFFEUR EVAPORATEUR                                           | TC116           | TRANSFORMATEUR COFFRET ELECTRIQUE POMPE                          |
| K41A            | RELAIS COMMANDE RECHAUFFEUR CIRCUIT EAU EVAPORATEUR                               | TC294           | TRANSFORMATEUR D'ALIMENTATION COMPTEUR D'ENERGIE                 |
| K41B            | RELAIS COMMANDE RECHAUFFEUR CIRCUIT EAU                                           | TI294           | TRANSFORMATEUR D'INTENSITE CIRCUIT COMPTEUR D'ENERGIE            |
| K41C            | RELAIS COMMANDE RECHAUFFEUR CIRCUIT EAU                                           | VC1             | ALIMENTATION 24VDC                                               |
| K51&K52         | RELAIS COMMANDE RECHAUFFEUR CONDENSEUR                                            | XS              | PRISE DE COURANT                                                 |
| K71&K72         | RELAIS DE COMMANDE RECHAUFFEUR HUILE                                              | Y11&YV21        | VANNE DE REGULATION DE PUISSANCE COMPRESSEUR, CIRCUIT A & B      |
| KA1&KA2         | RELAIS COMMANDE COMPRESSEUR CIRCUIT A&B                                           | YV52-YV53       | VANNE DE VIDANGE BATTERIE CIRCUIT A&B                            |
| KA101&102       | RELAIS VENTILATEURS COFFRET ELECTRIQUE PUISSANCE                                  | YV54-YV54A      | VANNE DE REFOULEMENT BATTERIE CIRCUIT A                          |
| KM100           | CONTACTEUR VENTILATEURS COFFRET ELECTRIQUE CONTROLE                               | YV55-YV55A      | VANNE DE REFOULEMENT BATTERIE CIRCUIT B                          |
| KM101           | CONTACTEUR VENTILATEURS COFFRET ELECTRIQUE PUISSANCE                              | YV58-YV59       | VANNE MODE RECUPERATION DE CHALEUR CIRCUIT B                     |
| KM102           | CONTACTEUR VENTILATEURS COFFRET ELECTRIQUE PUISSANCE                              | YV71&72         | VANNE D'HUILE COMPRESSEUR                                        |
| QF              | DISJONCTEUR CIRCUIT CONTROLE                                                      | Z100A           | FILTRE CEM                                                       |

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|-----------------|------------------------------------------------------------------------|-----------------|-----------------------------------------------------|
| A1A&A2A         | MICROPROCESSOR-BASED MODULE                                            | QF100           | AUXILLIARY CIRCUIT BREAKER                          |
| A2              | DISPLAY                                                                | QF116/116A      | PUMP ELECTRICAL BOX CIRCUIT BREAKER                 |
| A1C&A2C         | INPUT/OUTPUT MODULE                                                    | QF284A          | SWITCH TERMINAL PLUG DIFFERENTIAL                   |
| A5              | ELECTRONIC BOARD, HYDRAULIC PUMP CONTROL CIRCUIT / INPUT/OUTPUT MODULE | QFA             | AUXILIARY CIRCUIT BREAKER, CONTROL CIRCUIT          |
| A50             | INPUT/OUTPUT MODULE                                                    | QFAC            | CIRCUIT BREAKER, OIL HEATER AND EVAPORATOR HEATER   |
| A148            | JBUS / LON COMMUNICATION BOARD                                         | QFB             | AUXILIARY CIRCUIT BREAKER, CONTROL CIRCUIT          |
| A156            | ENERGY MANAGEMENT MODULE                                               | QFBC            | CIRCUIT BREAKER, EVAPORATOR WATER CIRCUIT HEATER    |
| A159            | LEAK DETECTION BOARD                                                   | QFC             | CIRCUIT BREAKER MODEM 4G CIRCUIT                    |
| A294            | ENERGY METER MODULE                                                    | QM11&12-QM21&22 | CONDENSER FAN CIRCUIT BREAKER CIRCUIT A AND B       |
| A295+           | FAST RESTART MODULE                                                    | QM90-QM91-QM92  | EVAPORATOR WATER PUMP CIRCUIT BREAKER               |
| A298A           | MODEM 4G                                                               | QM100           | CONTROL ELECTRICAL BOX FAN CIRCUIT BREAKER          |
| BP1-SP2         | DISCHARGE PRESSURE TRANSDUCER, CIRCUIT A&B                             | QM100A          | CONTROL ELECTRICAL BOX FAN CIRCUIT BREAKER          |
| BP3-BP4         | SUCTION PRESSURE TRANSDUCER, CIRCUIT A&B                               | QM101           | POWER ELECTRICAL BOX FAN CIRCUIT BREAKER            |
| BP51A-BP52A     | LIQUID PRESSURE ENTERING EXV, CIRCUIT A&B                              | QS100           | MAIN DISCONNECT SWITCH                              |
| BP53-BP54       | COIL PUMP DOWN TRANSDUCER CIRCUIT A&B                                  | QS100A          | CONTROL ELECTRICAL BOX DISCONNECT SWITCH            |
| BP71&72         | COMPRESSOR OIL PRESSURE TRANSDUCER                                     | QS101A          | FUSE HOLDER 230V VENTILATION CIRCUIT ELECTRICAL BOX |
| BP81&82         | ECONOMIZER PRESSURE TRANSDUCER                                         | RT1             | EVAPORATOR LEAVING WATER TEMPERATURE SENSOR         |
| BP90.1          | OUTLET WATER PRESSURE TRANSDUCER                                       | RT2             | EVAPORATOR ENTERING WATER TEMPERATURE SENSOR        |
| BP90.2          | INLET WATER PRESSURE TRANSDUCER                                        | RT10            | AMBIENT OR OUTSIDE AIR TEMPERATURE SENSOR           |
| EC1-EC2         | COMPRESSOR                                                             | RT31-RT32       | SUCTION TEMPERATURE SENSOR CIRCUIT A&B              |
| ED1&2           | ELECTRONIC EXPANSION VALVE                                             | RT41-RT42       | DISCHARGE TEMPERATURE SENSOR COMPRESSOR CIRCUIT A&B |
| ED81&82         | ECONOMIZER ELECTRONIC EXPANSION VALVE                                  | RT46-RT47       | ECONOMIZER TEMPERATURE SENSOR                       |
| EF100/100A/100B | CONTROL BOX ELECTRICAL FAN                                             | RT51-RT52       | LIQUID TEMPERATURE ENTERING EXV CIRCUIT A&B         |
| EF101-EF102     | POWER BOX ELECTRICAL FAN                                               | RT55            | RECLAIM CONDENSER ENTERING WATER TEMPERATURE SENSOR |
| EF116           | PUMP BOX ELECTRICAL FAN                                                | RT56            | RECLAIM CONDENSER LEAVING WATER TEMPERATURE SENSOR  |
| EH41            | EVAPORATOR HEATERS                                                     | RT90            | EVAPORATOR HEATER TEMPERATURE SENSOR                |
| EH51&52         | CONDENSER HEATING ELEMENT                                              | RT100           | EVAPORATOR COMMUN LEAVING WATER TEMPERATURE SENSOR  |
| EH71&72         | OIL HEATER                                                             | SL71-SL72       | OIL LEVEL DETECTOR CIRCUIT A&B                      |
| EH90-EH90A      | EVAPORATOR WATER CIRCUIT HEATING ELEMENT                               | SP1F&A-SP2F&A   | COMPRESSOR HIGH PRESSURE SAFETY SWITCH              |
| EP91            | EVAPORATOR WATER PUMP                                                  | SP90F           | EVAPORATOR WATER PUMP FLOW SWITCH                   |
| EP92            | EVAPORATOR WATER PUMP                                                  | SP95F           | CONDENSER WATER FLOW SWITCH                         |
| EV11-EV82       | CONDENSER FAN                                                          | ST100           | CONTROL ELECTRICAL BOX FAN CONTROL THERMOSTAT       |
| FT1-FT2         | COMPRESSOR MOTOR TEMPERATURE SENSOR                                    | ST100F          | POWER ELECTRICAL BOX SAFETY THERMOSTAT              |
| FU295           | ENERGY METER PROTECTION                                                | ST100FA         | CONTROL ELECTRICAL BOX SAFETY THERMOSTAT            |
| GS1&GS2         | COMPRESSOR VARIABLE SPEED DRIVE                                        | ST116           | PUMP ELECTRICAL BOX THERMOSTAT                      |
| GS11&GS21       | CONDENSER FAN MOTOR VARIABLE SPEED DRIVE A CIRCUIT                     | TC              | CONTROL CIRCUIT TRANSFORMER                         |
| GS12&GS22       | CONDENSER FAN MOTOR VARIABLE SPEED DRIVE B CIRCUIT                     | TCA             | AUXILIARY CONTROL CIRCUIT TRANSFORMER               |
| GS91-GS92       | EVAPORATOR WATER PUMP MOTOR VARIABLE SPEED DRIVE                       | TC100           | AUXILIARY CONTROL CIRCUIT TRANSFORMER               |
| K41             | EVAPORATOR HEATER CONTROL RELAY                                        | TC116           | PUMP ELECTRICAL BOX CIRCUIT TRANSFORMER             |
| K41A            | EVAPORATOR WATER CIRCUIT HEATER CONTROL RELAY                          | TC294           | ENERGY METER TRANSFORMER                            |
| K41B            | WATER CIRCUIT HEATER CONTROL RELAY                                     | TI294           | COURENT TRANSFORMER, OPTION 294                     |
| K41C            | WATER CIRCUIT HEATER CONTROL RELAY                                     | VC1             | ELECTRICAL SUPPLY 24VDC                             |
| K51&K52         | CONDENSER HEATER CONTROL RELAY                                         | XS              | PLUG TERMINAL                                       |
| K71&K72         | OIL HEATER CONTROL RELAY                                               | Y11&YV21        | CAPACITY CONTROL VALVE COMPRESSOR A&B               |
| KA1&KA2         | COMPRESSOR CONTROL RELAY, CIRCUIT A&B                                  | YV52-YV53       | COIL EVACUATION VALVE VALVE CIRCUIT A&B             |
| KA101&102       | POWER ELECTRICAL BOX FAN RELAY                                         | YV54-YV54A      | CONDENSER DISCHARGE VALVE CIRCUIT A                 |
| KM100           | CONTROL ELECTRICAL BOX FAN CONTACTOR                                   | YV55-YV55A      | CONDENSER DISCHARGE VALVE CIRCUIT B                 |
| KM101           | POWER ELECTRICAL BOX FAN CONTACTOR                                     | YV58-YV59       | HEAT RECOVERY MODE VALVE CIRCUIT A&B                |
| KM102           | POWER ELECTRICAL BOX FAN CONTACTOR                                     | YV71&72         | OIL VALVE COMPRESSOR                                |
| QF              | CIRCUIT BREAKER, CONTROL CIRCUIT                                       | Z100A           | EMC FILTER                                          |

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| A1A&A2A         | MODULO BASADO EN MICROPROCESADOR AND MODULO DE ENTRADAS SALIDAS                | QF100           | DISYUNTOR AUXILIAR                                                       |
| A2              | PANTALLA                                                                       | QF116/116A      | .                                                                        |
| A1C&A2C         | MODULO DE ENTRADAS / SALIDAS                                                   | QF284A          | DISYUNTOR CONECTOR MACHO                                                 |
| A5              | MODULO DE ENTRADAS / SALIDAS                                                   | QFA             | DISYUNTOR AUXILIAR CIRCUITO DE CONTROL                                   |
| A50             | MODULO DE ENTRADAS / SALIDAS                                                   | QFAC            | DISYUNTOR DEL CALENTADOR                                                 |
| A148            | PLACA BUS                                                                      | QFB             | DISYUNTOR AUXILIAR CIRCUITO DE CONTROL                                   |
| A156            | MODULO DE ENTRADAS / SALIDAS                                                   | QFBC            | DISYUNTOR DEL CALENTADOR                                                 |
| A159            | MODULO DE ENTRADAS / SALIDAS                                                   | QFC             | DISYUNTOR DEM MODEM 4G                                                   |
| A294            | MODULO MEDIDOR DE ENERGIA                                                      | QM11&12-QM21&22 | DISYUNTOR DEL VENTILADOR DEL CONDENSATOR CIRCUITO                        |
| A295+           | MODULO DE REINICIO RAPIDO                                                      | QM90-QM91-QM92  | DISYUNTOR DE LA BOMBA DE AGUA DEL EVAPORADOR                             |
| A298A           | MODEM 4G                                                                       | QM100           | .                                                                        |
| BP1-BP2         | TRANSDUCTOR DE PRESION DE DESCARGA CIRCUITO A&B                                | QM100A          | .                                                                        |
| BP3-BP4         | TRANSDUCTOR DE PRESION DE ASPIRACION CIRCUITO DE REFRIGERACION A&B             | QM101           | .                                                                        |
| BP51A-BP52A     | PRESION DE LOQUIDO QUE ENTRA EN EL CIRCUITO EXV A&B                            | QS100           | SECCIONADOR GENERAL                                                      |
| BP53-BP54       | TRANSDUCTOR DE EVACUACION DEL SRPENTON CIRCUITO A&B                            | QS100A          | .                                                                        |
| BP71&72         | TRANSDUCTOR DE PRESION DE ACEITE COMPRESOR                                     | QS101A          | PORTAFUSIBLES CIRCUITO DE VENTILATN 230V CAJA ELECTRICA                  |
| BP81&82         | TRANSDUCTOR DEL ECONOMIZADOR                                                   | RT1             | SENSOR DE TEMPERATURA DEL AGUA DE SALIDA DEL EVAPORADOR                  |
| BP90.1          | TRANSDUCTOR DE PRESION PARA BOMBA HIDRAULICA DE SALIDA DE AGUA DEL EVAPORADOR  | RT2             | SENSOR DE TEMPERATURA DEL AGUA DE ENTRADA DEL EVAPORADOR                 |
| BP90.2          | TRANSDUCTOR DE PRESION PARA BOMBA HIDRAULICA DE ENTRADA DE AGUA DEL EVAPORADOR | RT10            | SENSOR DE TEMPERATURA AMBIENTE O DEL AIRE EXTERIOR                       |
| EC1-EC2         | COMPRESOR                                                                      | RT31-RT32       | SENSOR DE TEMPERATURA DE ASPIRACION CIRCUITO A&B                         |
| ED1&2           | VALVULA DE EXPANSION ELECTRONICA                                               | RT41-RT42       | SENSOR DE TEMPERATURA DE DESCARGA COMPRESSOR CIRCUITO A&B                |
| ED81&82         | VALVULA DE EXPANSION ELECTRONICA DEL ECONOMIZADOR                              | RT46-RT47       | SENSOR DE TEMPERATURA DEL ECONOMIZADOR                                   |
| EF100/100A/100B | VENTILADOR DEL CUADRO ELCTRICO                                                 | RT51-RT52       | TEMPERATURA DEL LIQUIDO QUE ENTRA EN EL CIRCUITO EXV A&B                 |
| EF101-EF102     | VENTILADOR DEL CUADRO ELCTRICO                                                 | RT55            | SENSOR DE TEMPERATURA DEL AGUA ENTRADA DEL CONDENSADOR DE RECUPERACION   |
| EF116           | .                                                                              | RT56            | SENSOR DE TEMPERATURA DEL AGUA DE SALIDA DEL CONDENSADOR DE RECUPERACION |
| EH41            | CALENTADOR DEL EVAPORADOR                                                      | RT90            | SENSOR DE TEMPERATURA DEL CALENTADOR DEL EVAPORADOR                      |
| EH51&52         | ELEMENTO DE CALEFACCION DEL CONDENSADOR                                        | RT100           | SENSOR DE TEMPERATURA DEL AGUA DE SALIDA COMEN DEL EVAPORADOR            |
| EH71&72         | CALENTADOR DE ACEITE                                                           | SL71-SL72       | DETECTOR DE NIVEL DE ACEITE CIRCUITO A&B                                 |
| EH90-EH90A      | ELEMENTO DE CALEFACCION DEL CIRCUITO DE REFRIGERACION DEL AGUA DEL EVAPORADOR  | SP1F&A-SP2F&A   | INTERRUPTOR DE SEGURIDAD DE PRESION ALTA COMPRESOR                       |
| EP91            | BOMBA DE AGUA                                                                  | SP90F           | INTERRUPTOR DE CAUDAL DE LA BOMBA DEL EVAPORADOR                         |
| EP92            | BOMBA DE AGUA                                                                  | SP95F           | INTERUPTOR DE CAUDAL DE AGUA DEL CONDENSADOR                             |
| EV11-EV82       | VENTILADOR DEL CONDENSADOR                                                     | ST100           | TERMOSTATO DE CONTROL DEL VENTILADOR DEL CUADRO ELCTRICO                 |
| FT1-FT2         | SENSOR DE TEMPERATURA DEL MOTOR DEL COMPRESOR                                  | ST100F          | TERMOSTATO DE SEGURIDAD DEL CUADRO ELCTRICO                              |
| FU294           | PROTECCION DEL MEDIDOR DE ENERGIA                                              | ST100FA         | TERMOSTATO DE SEGURIDAD DEL CUADRO ELCTRICO                              |
| GS1&GS2         | VARIADOR DE VELOCIDAD VARIABLE DEL COMPRESSOR                                  | ST116           | THERMOSTATO DE CAJA ELECTRICA DE LA BOMBA                                |
| GS11&GS21       | VARIADOR DE VELOCIDAD VARIABLE DEL MOTOR DEL VENTILADOR DEL CONDENSADOR        | TC              | TRANSFORMADOR DEL CIRCUITO DE CONTROL                                    |
| GS12&GS22       | VARIADOR DE VELOCIDAD VARIABLE DEL MOTOR DEL VENTILADOR DEL CONDENSADOR        | TCA             | TRANSFORMADOR DEL CIRCUITO AUXILIAR DE CONTROL                           |
| GS91-GS92       | VARIADOR DE VELOCIDAD DEL EVAPORADOR DEL MOTOR DE LA BOMBA                     | TC100           | .                                                                        |
| K41             | REL DE CONTROL DEL CALENTADOR DEL EVAPORADOR                                   | TC116           | TRANSFORMADOR DE CAJA ELECTRICA DE LA BOMBA                              |
| K41A            | REL DE CONTROL DEL CALENTADOR DEL EVAPORADOR                                   | TC294           | TRANSFORMADOR DE CIRCUITO DE MEDIDOR DE ENERGIA                          |
| K41B            | REL DE CONTROL DEL CALENTADOR DEL CIRCUITO DE AGUA                             | TI294           | TRANSFORMADOR DE INTESIDAD                                               |
| K41C            | REL DE CONTROL DEL CALENTADOR DEL CIRCUITO DE AGUA                             | VC1             | ALIMENTAZIONE 24VDC                                                      |
| K51&K52         | REL DE CONTROL DEL CALENTADOR DEL CONDENSADOR                                  | XS              | CONECTOR MACHO                                                           |
| K71&K72         | REL DE CONTROL DEL CALENTADOR DE ACEITE                                        | Y11&YV21        | VALVULA DE CONTROL DE LA CAPACIDAD COMPRESOR CIRCUITO A&B                |
| KA1&KA2         | REL COMPRESOR CIRCUITO A&B                                                     | YV52-YV53       | VALVULA DE EVACUACION DEL SERPENTIN CIRCUTO A&B                          |
| KA101&102       | .                                                                              | YV54-YV54A      | VALVULA DE DESCARGA DEL SERPENTIN CIRCUITO A                             |
| KM100           | .                                                                              | YV55-YV55A      | VALVULA DE DESCARGA DEL SERPENTIN CIRCUITO B                             |
| KM101           | .                                                                              | YV58-YV59       | VALVULA DE MODO DE RECUPERACION DE CALOR CIRCUITO A&B                    |
| KM102           | .                                                                              | YV71&72         | VALVULA DE ACEITE COMPRESOR                                              |
| QF              | DISYUNTOR CIRCUITO DE CONTROL                                                  | Z100A           | .                                                                        |

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|-----------------|----------------------------------------------------------------------------|-----------------|---------------------------------------------------------------|
| A1A&A2A         | MODULO A MICROPROCESSORE                                                   | QF100           | DISGIUNTORE AUSILIARIO                                        |
| A2              | DISPLAY                                                                    | QF116/116A      | .                                                             |
| A1C&A2C         | MODULO INGRESSO/USCITA                                                     | QF284A          | DISGIUNTORE, SPINA                                            |
| A5              | MODULO INGRESSO/USCITA                                                     | QFA             | DISGIUNTORE AUSILIARIO, CIRCUITO DI REGOLAZIONE               |
| A50             | MODULO INGRESSO/USCITA                                                     | QFAC            | DISGIUNTORE RISCALDATORE                                      |
| A148            | SCHEDA BUS                                                                 | QFB             | DISGIUNTORE AUSILIARIO, CIRCUITO DI REGOLAZIONE               |
| A156            | MODULO INGRESSO/USCITA                                                     | QFBC            | DISGIUNTORE RISCALDATORE                                      |
| A159            | MODULO INGRESSO/USCITA                                                     | QFC             | DISGIUNTOR MODEM 4G                                           |
| A294            | MODULO CONTATORE DI ENERGIA                                                | QM11&12-QM21&22 | DISGIUNTORE VENTILATORE DEL CONDENSATORE                      |
| A295+           | MODULO DI RIAVVIVO RAPIDO                                                  | QM90-QM91-QM92  | DISGIUNTORE POMPA ACQUA EVAPORATORE                           |
| A298A           | MODEM 4G                                                                   | QM100           | .                                                             |
| BP1-BP2         | TRASDUTTORE PRESSIONE DI MANDATA, CIRCUITO A&B                             | QM100A          | .                                                             |
| BP3-BP4         | TRASDUTTORE PRESSIONE DI ASPIRAZIONE, CIRCUITO A&B                         | QM101           | .                                                             |
| BP51A-BP52A     | PRESSIONE LIQUIDO INGRESSO EXV CIRCUITO A&B                                | QS100           | SEZIONATORE GENERALE                                          |
| BP53-BP54       | TRANSDUCTORE DI PRESSIONE DI SCARICO CIRCUITO A&B                          | QS100A          | .                                                             |
| BP71&72         | TRASDUTTORE PRESSIONE OLIO COMPRESSORE                                     | QS101A          | PORTAFUSIBILE CIRCUITO DI VENTILAZIONE 230V SCATOLA ELETTRICA |
| BP81&82         | TRASDUTTORE PRESSIONE ECONOMIZZATORE                                       | RT1             | SONDA DI TEMPERATURA ACQUA IN USCITA EVAPORATORE              |
| BP90.1          | TRASDUTTORE DI PRESSIONE PER LA POMPA IDRAULICA USCITA ACQUA EVAPORATORE   | RT2             | SONDA DI TEMPERATURA ACQUA INGRESSO EVAPORATORE               |
| BP90.2          | TRASDUTTORE DI PRESSIONE PER LA POMPA IDRAULICA INGRESSO ACQUA EVAPORATORE | RT10            | SONDA DI TEMPERATURA ARIA ESTERNA O AMBIENTE                  |
| EC1-EC2         | COMPRESSORE                                                                | RT31-RT32       | SONDA DI TEMPERATURA ASPIRAZIONE, CIRCUITO A&B                |
| ED1&2           | VALVOLA DI ESPANSIONE ELETTRONICA                                          | RT41-RT42       | SONDA DI TEMPERATURA MANDATA COMPRESSORE CIRCUITO A&B         |
| ED81&82         | VALVOLA DI ESPANSIONE ELETTRONICA ECONOMIZZATORE                           | RT46-RT47       | SONDA DI TEMPERATURA ECONOMIZZATORE                           |
| EF100/100A/100B | VENTILATORE DEL QUADRO ELETTRICO                                           | RT51-RT52       | TEMPERATURA INGRESSO LIQUIDO EXV CIRCUITO A&B                 |
| EF101-EF102     | VENTILATORE DEL QUADRO ELETTRICO                                           | RT55            | SONDA DI TEMPERATURA INGRESSO ACQUA CONDENSATORE DI RECUPERO  |
| EF116           | .                                                                          | RT56            | SONDA DI TEMPERATURA USCITA ACQUA CONDENSATORE DI RECUPERO    |
| EH41            | RESISTENZA EVAPORATORE                                                     | RT90            | SONDA DI TEMPERATURA RESISTENZA EVAPORATORE                   |
| EH51&52         | ELEMENTO RISCALDANTE DEL CONDENSATORE                                      | RT100           | SONDA DI TEMPERATURA ACQUA IN USCITA COMUNE EVAPORATORE       |
| EH71&72         | RISCALDATORE OLIO                                                          | SL71-SL72       | RILEVATORE LIVELLO OLIO, CIRCUITO A&B                         |
| EH90-EH90A      | ELEMENTO RISCALDANTE DEL CIRCUITO IDRICO EVAPORATORE                       | SP1F&A-SP2F&A   | INTERRUTTORE DI SICUREZZA ALTA PRESSIONE COMPRESSORE          |
| EP91            | POMPA ACQUA                                                                | SP90F           | FLUSSOSTATO POMPA EVAPORATORE                                 |
| EP92            | POMPA ACQUA                                                                | SP95F           | FLUSSOSTATO ACQUA CONDENSATORE                                |
| EV11-EV82       | VENTILATORE DEL CONDENSATORE                                               | ST100           | THERMOSTATO DI REGOLAZIONE VENTILATORE QUADRO ELETTRICO       |
| FT1-FT2         | SENSORE DI TEMPERATURA MOTORE DEL COMPRESSORE                              | ST100F          | THERMOSTATO DI SICUREZZA QUADRO ELETTRICO                     |
| FU294           | PROTEZIONE DEL CONTATORE DI ENERGIA                                        | ST100FA         | THERMOSTATO DI SICUREZZA QUADRO ELETTRICO                     |
| GS1&GS2         | AVVIAMENTO A TENSIONE RIDOTTA COMPRESSORE                                  | ST116           | THERMOSTATO SCATOLA ELETTRICA POMPA                           |
| GS11&GS21       | VARIATORE DI VELOCIT MOTORE VENTILATORE CONDENSATORE                       | TC              | TRASFORMATORE CIRCUITO DI REGOLAZIONE                         |
| GS12&GS22       | VARIATORE DI VELOCIT MOTORE VENTILATORE CONDENSATORE                       | TCA             | TRASFORMATORE CIRCUITO DI REGOLAZIONE AUSILIARIO              |
| GS91-GS92       | VARIATORE DI VELOCIT EVAPORATORE MOTORE DELLA POMPA                        | TC100           | .                                                             |
| K41             | RELE REGOLAZIONE RESISTENZA EVAPORATORE                                    | TC116           | TRASFORMATORE DI CIRCUITI ELETRICI A POMPA                    |
| K41A            | RELE REGOLAZIONE RESISTENZA EVAPORATORE                                    | TC294           | TRANSFORMATORE DEL CIRCUITO DEL CONTATORE DI ENERGIA          |
| K41B            | RELE REGOLAZIONE RESISTENZA EVAPORATORE DEL CIRCUITO DELL'ACQUA            | TI294           | TRANSFORMATORE DI CORRENTE                                    |
| K41C            | RELE REGOLAZIONE RESISTENZA EVAPORATORE DEL CIRCUITO DELL'ACQUA            | VC1             | FUENTE DE ALIMENTACION 24VDC                                  |
| K51&K52         | RELE REGOLAZIONE RESISTENZA CONDENSATORE                                   | XS              | SPINA                                                         |
| K71&K72         | RELE REGOLAZIONE RISCALDATORE OLIO                                         | Y11&YV21        | VALVOLA DI REGOLAZIONE RESA COMPRESSORE CIRCUITO A&B          |
| KA1&KA2         | RELE COMPRESSORE CIRCUITO A&B                                              | YV52-YV53       | VALVOLA DI SOFIATO BATTERIA CIRCUITO A&B                      |
| KA101&102       | .                                                                          | YV54-YV54A      | VALVOLA DI SCARICO BATTERIA CIRCUITO A                        |
| KM100           | .                                                                          | YV55-YV55A      | VALVOLA DI SCARICO BATTERIA CIRCUITO B                        |
| KM101           | .                                                                          | YV58-YV59       | VALVOLA MODALIT RECUPERO CALORE CIRCUITO A&B                  |
| KM102           | .                                                                          | YV71172         | VALVOLA OLIO COMPRESSORE                                      |
| QF              | DISGIUNTORE, CIRCUITO DI REGOLAZIONE                                       | Z100A           | .                                                             |

|                 |                                                  |                 |                                                                    |
|-----------------|--------------------------------------------------|-----------------|--------------------------------------------------------------------|
| A1A&A2A         | HAUPTPLATINE                                     | QF100           | ZUSATZSCHUTZSCHALTER                                               |
| A2              | BEDIENUNGS- UND ANZEIGE-MODUL                    | QF116/116A      | .                                                                  |
| A1C&A2C         | EIN/AUSGANGS-MODUL                               | QF284A          | SCHUTZSCHALTER, STECKER                                            |
| A5              | EIN/AUSGANGS-MODUL                               | QFA             | ZUSATZSCHUTZSCHALTER, STEUERKREIS                                  |
| A50             | EIN/AUSGANGS-MODUL                               | QFAC            | SCHUTZSCHALTER HEIZKREIS                                           |
| A148            | BUS-KARTE                                        | QFB             | ZUSATZSCHUTZSCHALTER, STEUERKREIS                                  |
| A156            | EINGANGS/AUSGANGSMODUL                           | QFBC            | SCHUTZSCHALTER HEIZKREIS                                           |
| A159            | EIN/AUSGANGS-MODUL                               | QFC             | SCHUTZSCHALTER 4G MODEM                                            |
| A294            | ENERGIEZÄHLER-MODUL                              | QM11&12-QM21&22 | SCHUTZSCHALTER VERFLUESSIGERVERENTILATOR                           |
| A295+           | FAST-RESTART-MODUL                               | QM90-QM91-QM92  | SCHUTZSCHALTER KALTWASSERPUMPE                                     |
| A298A           | MODEM 4G                                         | QM100           | .                                                                  |
| BP1-BP2         | MESSWANDLER VERDICHTUNGSDRUCK, KREISLAUF A&B     | QM100A          | .                                                                  |
| BP3-BP4         | MESSWANDLER SAUGDRUCK, KREISLAUF A&B             | QM101           | .                                                                  |
| BP51A-BP52A     | KAELTEMITTELDRUCK EINTRITT EXV KREIS A&B         | QS100           | HAUPT-TRENNSCHALTER                                                |
| BP53-BP54       | SUPLENEINLASS-ENTLADUNGSDRUCKMSSUMFORMER A&B     | QS100A          | .                                                                  |
| BP71&72         | MESSWANDLER OELDRUCK VERDICHTER                  | QS101A          | SICHRUNGSHALTER 230V LUFTUNGSKREIS ELEKTROKASTEN                   |
| BP81&82         | MESSWANDLER ECONOMIZERDRUCK                      | RT1             | TEMPERATURFUEHLER VERDAMPFER-KALTWASSER-AUSTRITT                   |
| BP90.1          | DRUCKMESSWANDLER AUSTRITT WASSERPUMPE VERDAMPFER | RT2             | TEMPERATURFUEHLER VERDAMPFER-KALTWASSER-EINTRITT                   |
| BP90.2          | DRUCKMESSWANDLER EINTRITT WASSERPUMPE VERDAMPFER | RT10            | UMGEBUNGS- ODER AUSSENLUFT- TEMPERATURFUEHLER                      |
| EC1-EC2         | VERDICHTER                                       | RT31-RT32       | TEMPERATUR SENSOR SAUGGAS, KREIS A&B                               |
| ED1&2           | ELEKTRONISCHES EXPANSIONSVENTIL                  | RT41-RT42       | FUEHLER VERDICHTUNGSTEMPERATUR VERDICHTER, KREISLAUF A&B           |
| ED81&82         | EXV ECONOMIZER                                   | RT46-RT47       | TEMPERATUR SENSOR ECONOMIZER                                       |
| EF100/100A/100B | .                                                | RT51-RT52       | TEMPERATURFUEHLER EXV FLUESSIGKEIT, KREIS A&B                      |
| EF101-EF102     | .                                                | RT55            | TEMPERATURFUEHLER WASSER-EINTRITT WAERUECKGEWINNUNGS-VERFLUESSIGER |
| EF116           | .                                                | RT56            | TEMPERATURFUEHLER WASSER-AUSTRITT WAERUECKGEWINNUNGS-VERCLUESSIGER |
| EH41            | VERDAMPFERHEIZUNG                                | RT90            | TEMPERATUR SENSOR VERDAMPFER HEIZUNG                               |
| EH51&52         | VERFLUESSIGERHEIZUNG                             | RT100           | FUEHLER GEMEINSAME KALTWASSERAUSTRITTS-TEMPERATUR                  |
| EH71&72         | OELHEIZUNG                                       | SL71-SL72       | FUEHLER OELSTAND, KREISLAUF A&B                                    |
| EH90-EH90A      | HEIZUNG IM VERDAMPFER-WASSERKREISLAUF            | SP1F&A-SP2F&A   | HOCHDRUCK-SICHERHEITS-SCHALTER VERDICHTER                          |
| EP91            | WASSER PUMPE                                     | SP90F           | STROEMUNGSWAECHTER KALTWASSER                                      |
| EP92            | WASSER PUMPE                                     | SP95F           | STROEMUNGSWAECHTER KUEHLWASSER                                     |
| EV11-EV82       | VERFLUESSIGERVERENTILATOR                        | ST100           | REGELTHERMOSTAT FUER SCHALTSCHRANKVENTILATOR                       |
| FT1-FT2         | TEMPERATURFUEHLER VERDICHTER-MOTORWICKLUNG       | ST100F          | SICHERHEITSTHERMOSTAT SCHALTSCHRANKTEMPERATUR                      |
| FU294           | ENERGIEZÄHLERSCHUTZ                              | ST100FA         | SICHERHEITSTHERMOSTAT SCHALTSCHRANKTEMPERATUR                      |
| GS1&GS2         | FREQUENZUMRICHTER DES VERDICHTERS                | ST116           | .                                                                  |
| GS11&GS21       | DREHZAHLEGLER VERFLUESSIGERVERENTILATOR-MOTOR    | TC              | TRANSFORMATOR STEUERSTROMKREIS                                     |
| GS12&GS22       | DREHZAHLEGLER VERFLUESSIGERVERENTILATOR-MOTOR    | TCA             | ZUSAETZLICHER TRANSFORMATORSTEUERKREIS                             |
| GS91-GS92       | DREHZAHLGEREGLTER ANTRIEB DER VERDAMPFERPUMPE    | TC100           | .                                                                  |
| K41             | STEUERRELAIS VERDAMPFERHEIZUNG                   | TC116           | .                                                                  |
| K41A            | STEUERRELAIS VERDAMPFERHEIZUNG                   | TC294           | STROMZÄHLER STROMKREISTRANSFORMATOR                                |
| K41B            | .                                                | TI294           | STROMWANDLER                                                       |
| K41C            | .                                                | VC1             | STROMVERSORGUNG 24VDC                                              |
| K51&K52         | STEUERER RELAIS WARMERUECKGEWINNUNG              | XS              | STECKER                                                            |
| K71&K72         | STEUERRELAIS OELHEIZUNG                          | Y11&YV21        | LEISTUNGSREGELVENTIL VERDICHTER, KREISLAUF A&B                     |
| KA1&KA2         | .                                                | YV52-YV53       | REGISTER AUSBUMPVENTIL KREISLAUF A&B                               |
| KA101&102       | .                                                | YV54-YV54A      | REGISTER REGISTERAUSTRITTSVENTIL, KREISLAUF A                      |
| KM100           | .                                                | YV55-YV55A      | REGISTER REGISTERAUSTRITTSVENTIL, KREISLAUF B                      |
| KM101           | .                                                | YV58-YV59       | VENTIL WARMERUECKGEWINNUNGSMODUS KREISLAUF A&B                     |
| KM102           | .                                                | YV71&72         | OELVENTIL VERDICHTER                                               |
| QF              | SCHUTZSCHALTER, STEUERSTROMKREIS                 | Z100A           | .                                                                  |

|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

|                                                                          |                |                                                                                       |            |   |
|--------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------|------------|---|
| SCHEMA ELECTRIQUE SIMPLIFIE<br>SIMPLIFIED WIRING<br>VEREINFACHTES SCHEMA | 30KAV / 30KAVP |  | 13/02/2024 | 5 |
|                                                                          |                | 00DCG000296300                                                                        |            | I |

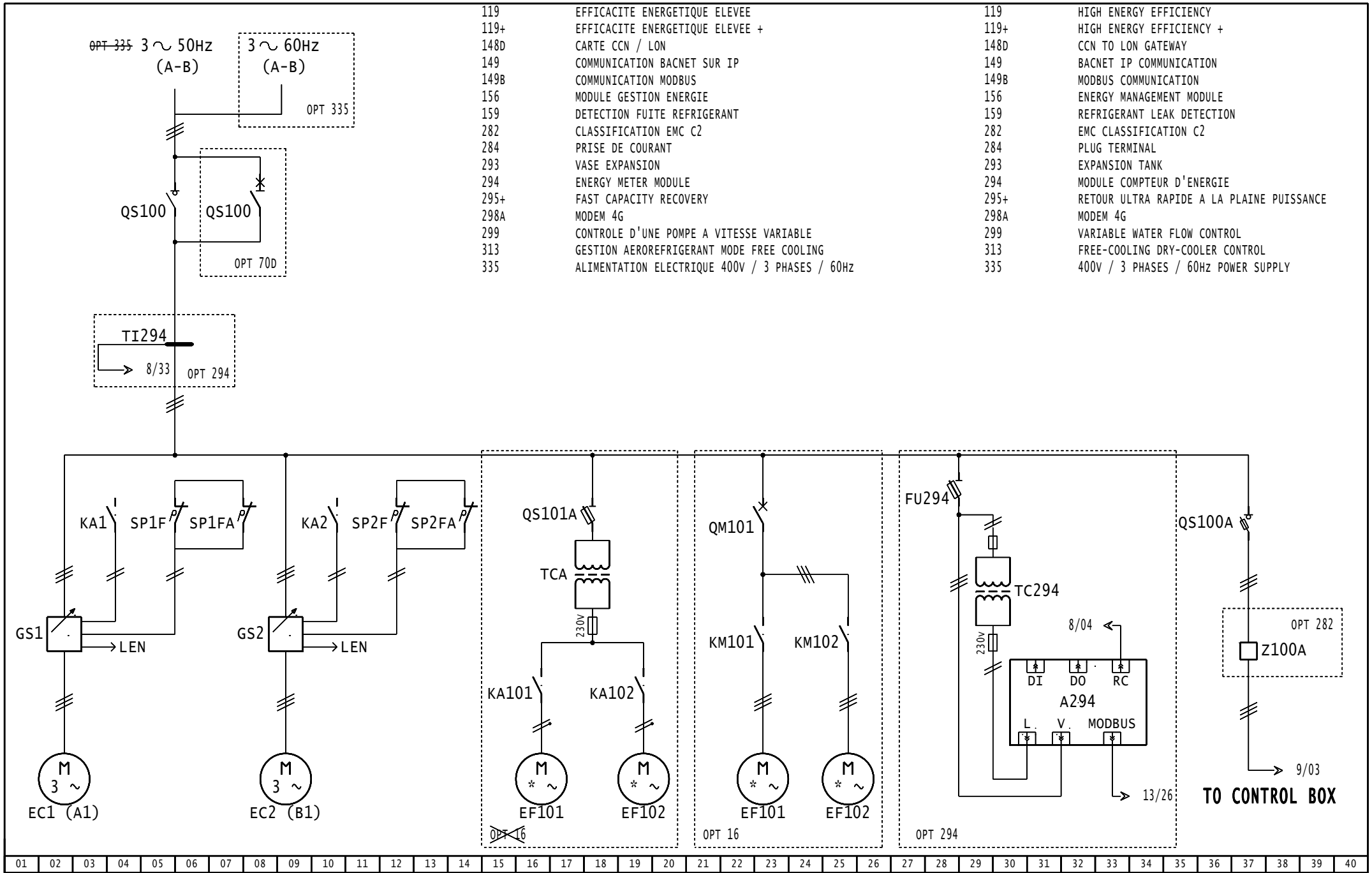
|                 |                                                  |                 |                                                                |
|-----------------|--------------------------------------------------|-----------------|----------------------------------------------------------------|
| A1A&A2A         | BASISPRINT                                       | QF100           | HULP CIRCUIT BREAKER                                           |
| A2              | DISPLAY                                          | QF116/116A      | .                                                              |
| A1C&A2C         | INGANG/UITGANG MODULE                            | QF284A          | CIRCUIT BREAKER, STEKKER                                       |
| A5              | INGANG/UITGANG MODULE                            | QFA             | HULP CIRCUIT BREAKER, STUURSTROOM CIRCUIT                      |
| A50             | INGANG/UITGANG MODULE                            | QFAC            | CIRCUIT BREAKER VERWARMING                                     |
| A148            | BUS PRINT                                        | QFB             | HULP CIRCUIT BREAKER, STUURSTROOM CIRCUIT                      |
| A156            | INGANG/UITGANG MODULE                            | QFBC            | CIRCUIT BREAKER VERWARMING                                     |
| A159            | INGANG/UITGANG MODULE                            | QFC             | CIRCUIT BREAKER 4G MODEM                                       |
| A294            | ENERGYMETER MODULE                               | QM11&12-QM21&22 | CIRCUIT BREAKER CONDENSOR VENTILATOR                           |
| A295+           | MODULE VOOR SNALLE HERSTART                      | QM90-QM91-QM92  | CIRCUIT BREAKER GEKOELDWATERPOMP                               |
| A298A           | MODEM 4G                                         | QM100           | .                                                              |
| BP1-BP2         | PERSDRUK OPNEMER, CIRCUIT A&B                    | QM100A          | .                                                              |
| BP3-BP4         | ZUIGDRUCK OPNEMER, CIRCUIT A&B                   | QM101           | .                                                              |
| BP51A-BP52A     | DRUKOPNEMER VLOEISTOF INTREDE EXV, CIRCUIT A&B   | QS100           | ALGEHELE HOOFDSCHAKELAAR                                       |
| BP53-BP54       | SPOELINLAAT ONTLADEN DRUK TRANSDUCER CIRCUIT A&B | QS100A          | .                                                              |
| BP71&72         | OLIEDRUK OPNEMER COMPRESSOR                      | QS101A          | ZEKERINGSHOUDER 230V VENTILATIECIRUIT ELEKTRISCHE DOOS         |
| BP81&82         | DRUKOPNEMER ECONOMIZER                           | RT1             | TEMPERATUROPNEMER GEKOELDWATER UITTREDE                        |
| BP90.1          | WATERDRUK OPNEMER WATERPOMP UITTREDE             | RT2             | TEMPERATUROPNEMER GEKOELDWATER INTREDE                         |
| BP90.2          | WATERDRUK OPNEMER WATERPOMP INTREDE              | RT10            | TEMPERATUROPNEMER RUIMTELUCHT OF BUITENLUCHT                   |
| EC1-EC2         | COMPRESSOR                                       | RT31-RT32       | TEMPERATUROPNEMER ZUIGGAS, CIRCUIT A&B                         |
| ED1&2           | ELEKTRONISCH EXPANSIEVENTIEL                     | RT41-RT42       | TEMPERATUROPNEMER PERSGAS COMPRESSOR, CIRCUIT A&B              |
| ED81&82         | ELEKTRONISCH EXPANSIEVENTIEL ECONOMIZER          | RT46-RT47       | TEMPERATUROPNEMER ECONOMISER                                   |
| EF100/100A/100B | .                                                | RT51-RT52       | TEMPERATUROPNEMER VLOEISTOF INTREDE EXV, CIRCUIT A&B           |
| EF101-EF102     | .                                                | RT55            | TEMPERATUROPNEMER WARMTETERUNGWINNING CONDENSOR WATER INTREDE  |
| EF116           | .                                                | RT56            | TEMPERATUROPNEMER WARMTETERUNGWINNING CONDENSOR WATER UITTREDE |
| EH41            | KOELERVERWARMING                                 | RT90            | TEMPERATUROPNEMER VERDAMPER HEATER                             |
| EH51&52         | CONDENSORVERWARMING                              | RT100           | TEMPERATUROPNEMER GEMEENSCHAPPELIJKE UITTREDE GEKOELD WATER    |
| EH71&72         | OLIEVERWARMING                                   | SL71-SL72       | OLIENIVEAU OPNEMER, CIRCUIT A&B                                |
| EH90-EH90A      | VERWARMING WATERCIRCUIT VERDAMPER                | SP1F&A-SP2F&A   | HOGEDRUKBEVEILIGING COMPRESSOR                                 |
| EP91            | WATER POMP                                       | SP90F           | GEKOELD WATER STROMINGSBEVEILIGING                             |
| EP92            | WATER POMP                                       | SP95F           | CONDENSORWATER STROMINGSBEVEILIGING                            |
| EV11-EV82       | CONDENSORVENTILATOR                              | ST100           | REGELTHERMOSTAAT SCHAKELKAST VENTILATOR                        |
| FT1-FT2         | MOTORTEMPERATUROPNEMER COMPRESSOR                | ST100F          | HOGE TEMPERATUUR BEVEILIGING SCHAKELKAST                       |
| FU294           | ENERGIEMETERBESCHERMING                          | ST100FA         | HOGE TEMPERATUUR BEVEILIGING SCHAKELKAST                       |
| GS1&GS2         | .                                                | ST116           | .                                                              |
| GS11&GS21       | TOERENREGELAAR CONDENSORVENTILATORMOTOR          | TC              | TRANSFORMATOR STUURSTROOMCIRCUIT                               |
| GS12&GS22       | TOERENREGELAAR CONDENSORVENTILATORMOTOR          | TCA             | HULP STUURSTROOM CIRCUIT TRANSFORMATOR                         |
| GS91-GS92       | TOERENTALREGELAAR VERDAMPERPOMPMOTOR             | TC100           | .                                                              |
| K41             | HULPRELAIS KOELERVERWARMING                      | TC116           | .                                                              |
| K41A            | HULPRELAIS KOELERVERWARMING                      | TC294           | ENERGYMETER CIRCUIT TRANSFORMATOR                              |
| K41B            | .                                                | TI294           | STROOMTRAFO                                                    |
| K41C            | .                                                | VC1             | STROMFORSYNING 24VDC                                           |
| K51&K52         | CONDENSOR VERWARMING INSCHAKEL RELAIS            | XS              | STEKKER                                                        |
| K71&K72         | HULPRELAIS OLIEVERWARMING                        | Y11&Y21         | CAPACITEITSKLEP COMPRESSOR, CIRCUIT A&B                        |
| KA1&KA2         | RELAIS COMPRESSOR, CIRCUIT A&B                   | YV52-YV53       | MAGNEETSPOEL VACUMEERKLEP CIRCUIT A&B                          |
| KA101&102       | .                                                | YV54-YV54A      | MAGNEETSPOEL PERSGASKLEP, CIRCUIT A                            |
| KM100           | .                                                | YV55-YV55A      | MAGNEETSPOEL PERSGASKLEP, CIRCUIT B                            |
| KM101           | .                                                | YV58-YV59       | WARTEM TERUGWINNING MODE KLEP CIRCUIT A&B                      |
| KM102           | .                                                | YV71&72         | OLIE MAGNEETKLEP COMPRESSOR                                    |
| QF              | CIRCUIT BREAKER, STUURSTROOM                     | Z100A           | .                                                              |

| RACCORDEMENTS |            | CONTROLE CLIENT                         |
|---------------|------------|-----------------------------------------|
| 1             | (A1A DI01) | MARCHE / ARRET A DISTANCE               |
| 2             | (A1A DI02) | SELECTION DE CONSIGNE                   |
| 3             | (A1A DI03) | LIMITATION DE PUISSANCE                 |
| 4             | (A1A DI05) | ASSERVISSEMENT CLIENT                   |
| 5             | (A1A AI10) | DECALAGE POINT DE CONSIGNE              |
| 6             | (A1A D001) | SORTIE RELAIS POUR POMPE EVAPORATEUR    |
| 7             | (A1A D002) | SORTIE RELAIS POUR POMPE EVAPORATEUR    |
| 8             | (A1A D005) | SORTIE RELAIS POUR ALARME               |
| 9             | (A1A D006) | SORTIE RELAIS CHILLER EN FONCTIONNEMENT |

|          |                                          |
|----------|------------------------------------------|
| OPTIONS  | -                                        |
| 16       | HAUTE TEMPERATURE AMBIANTE               |
| 17       | UNITE EQUIPEE DE VENTILATEURS EC         |
| 20A      | IP54                                     |
| 41A, B&C | RECHAUFFEUR EVAPORATEUR ET CIRCUIT D'EAU |
| 49/50    | RECUPERATION DE CHALEUR                  |
| 50+      | RECUPERATION DE CHALEUR BOOSTEE          |
| 58       | SONDE COMMUNE EAU FROIDE (DUPLEX)        |
| 70D      | SECTIONNEUR PROTECTION COURT-CIRCUIT     |
| 116A     | POMPE EVAPORATEUR                        |
| 116W     | POMPE EVAPORATEUR                        |

| FIELD CONTROL CONNECTIONS |                                            |
|---------------------------|--------------------------------------------|
| 1 (A1A DI01)              | REMOTE ON / OFF                            |
| 2 (A1A DI02)              | 2 SETPOINTS                                |
| 3 (A1A DI03)              | DEMAND LIMIT                               |
| 4 (A1A DI05)              | CUSTOMER CONTROL SYSTEM                    |
| 5 (A1A AI10)              | SETPOINT RESET CONTROL                     |
| 6 (A1A DO01)              | EVAPORATOR PUMP CONTROL                    |
| 7 (A1A DO02)              | EVAPORATOR PUMP CONTROL                    |
| 8 (A1A DO05)              | ALARM                                      |
| 9 (A1A DO06)              | CHILLER RUNNING (CAPACITY > 0%)            |
| -                         | -                                          |
| 10 (A159 AI03)            | LEAK DETECTION FEEDBACK                    |
| 11 (A159 AI04)            | LEAK DETECTION FEEDBACK                    |
| -                         | -                                          |
| 15 (A5 A002)              | PUMP DRIVE COMMAND                         |
| -                         | -                                          |
| 20 (A156 DI01)            | OCCUPANCY OVERRIDE                         |
| 21 (A156 DI02)            | DEMAND LIMIT 2                             |
| 22 (A156 DI03)            | CUSTOMER CONTROL SYSTEM                    |
| 23 (A156 DI04)            | ICE DONE                                   |
| 24 (A156 AI01)            | SPACE TEMPERATURE FOR RESET CONTROL        |
| 25 (A156 AI10)            | CAPACITY LIMIT CONTROL                     |
| 26 (A156 A001)            | CHILLER CAPACITY RUNNING OUTPUT (0-10VDC)  |
| 27 (A156 DO01)            | COMPRESSOR A RUNNING STATUS                |
| 28 (A156 DO02)            | COMPRESSOR B RUNNING STATUS                |
| 29 (A156 DO04)            | CHILLER IS READY TO RUN OR RUNNING         |
| 30 (A156 DO05)            | ALERT                                      |
| 31 (A156 DO06)            | CHILLER TOTALY SHUTDOWN                    |
| -                         | -                                          |
| 40 (A1A DI02)             | HEAT RECLAIM SWITCH                        |
| 41 (A50 A001)             | HEAT RECLAIM WATER VALVE OUTPUT            |
| 42 (A50 DO07)             | HEAT RECLAIM WATER VALVE OUTPUT, CIRCUIT A |
| 43 (A50 DO08)             | HEAT RECLAIM WATER VALVE OUTPUT, CIRCUIT B |
| 44 (A50 DO09)             | HEAT RECLAIM CONDENSER PUMP                |

SCHEMA ELECTRIQUE SIMPLIFIE  
SIMPLIFIED WIRING  
VEREINFACHTES SCHEMA



TO POWER BOX

8/38 ← → 10/03

~~30KAVP~~  
~~30KAV + OPT 17~~  
~~30KAV + OPT 119+~~

QM11

GS11

LEN



QM21

GS21

LEN



A

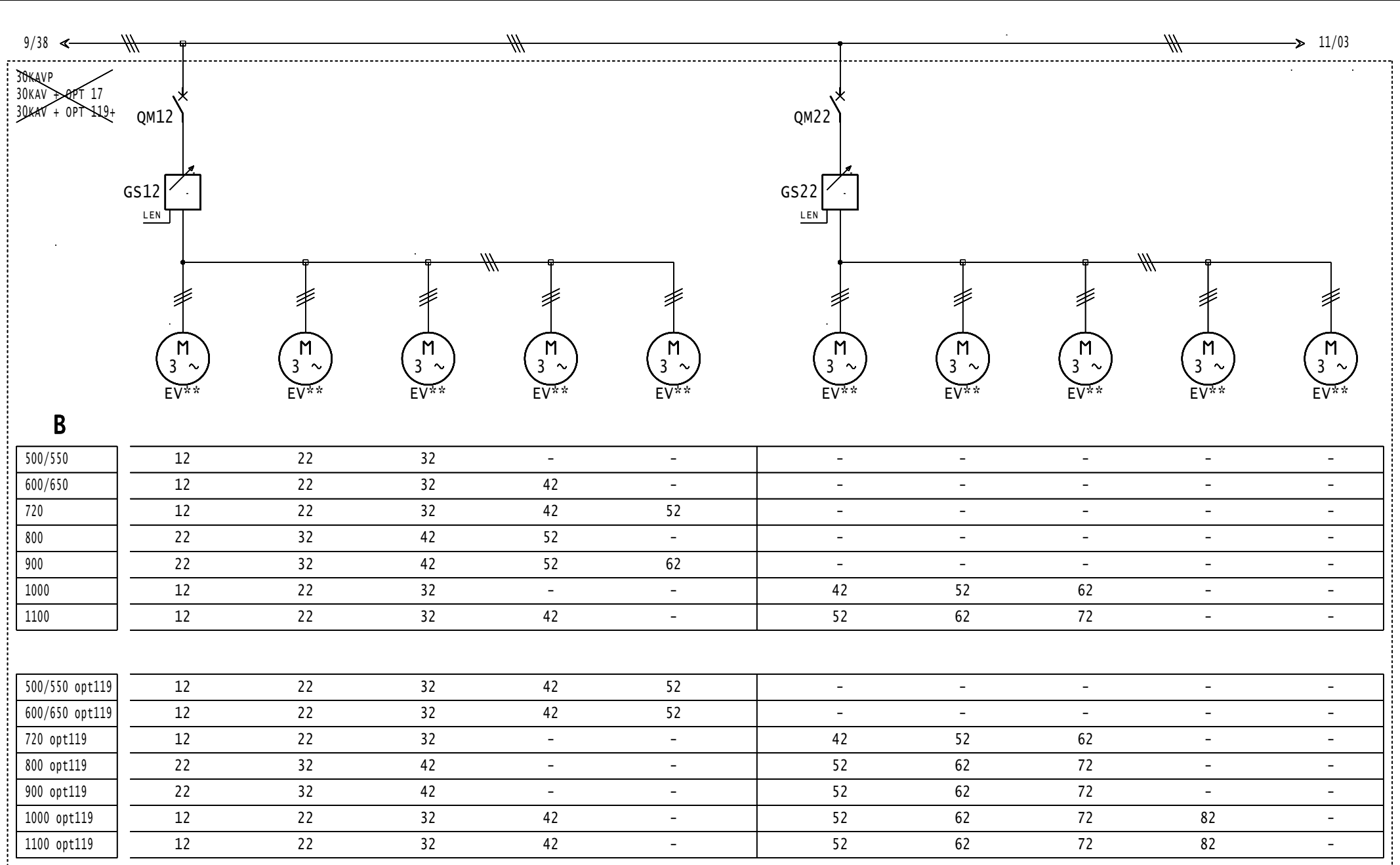
|         |    |    |    |    |    |    |    |    |   |
|---------|----|----|----|----|----|----|----|----|---|
| 500/550 | 11 | 21 | 31 | -  | -  | -  | -  | -  | - |
| 600/650 | 11 | 21 | 31 | 41 | -  | -  | -  | -  | - |
| 720     | 11 | 21 | 31 | 41 | 51 | -  | -  | -  | - |
| 800     | 11 | 12 | 21 | -  | -  | 31 | 41 | 51 | - |
| 900     | 11 | 12 | 21 | 31 | -  | 41 | 51 | 61 | - |
| 1000    | 11 | 21 | 31 | -  | -  | 41 | 51 | 61 | - |
| 1100    | 11 | 21 | 31 | 41 | -  | 51 | 61 | 71 | - |

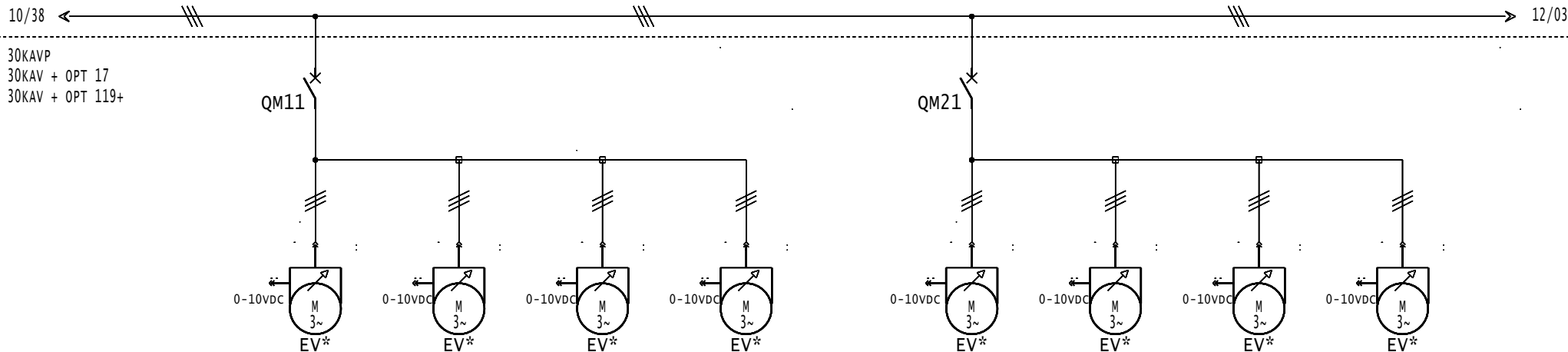
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|----------------|----|----|----|----|----|----|----|----|----|---|
| 500/550 opt119 | 11 | 21 | 31 | 41 | 51 | -  | -  | -  | -  | - |
| 600/650 opt119 | 11 | 21 | 31 | 41 | 51 | -  | -  | -  | -  | - |
| 720 opt119     | 11 | 21 | 31 | -  | -  | 41 | 51 | 61 | -  | - |
| 800 opt119     | 11 | 12 | 21 | 31 | -  | 41 | 51 | 61 | 71 | - |
| 900 opt119     | 11 | 12 | 21 | 31 | -  | 41 | 51 | 61 | 71 | - |
| 1000 opt119    | 11 | 21 | 31 | 41 | -  | 51 | 61 | 71 | 81 | - |
| 1100 opt119    | 11 | 21 | 31 | 41 | -  | 51 | 61 | 71 | 81 | - |

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

SCHEMA ELECTRIQUE SIMPLIFIE  
SIMPLIFIED WIRING  
VEREINFACHTES SCHEMA

30KAV / 30KAVP





A

|               |    |    |    |    |    |    |    |
|---------------|----|----|----|----|----|----|----|
| 500/550 opt17 | 11 | 21 | 31 | -  | -  | -  | -  |
| 600/650 opt17 | 11 | 21 | 31 | 41 | -  | -  | -  |
| 720 opt17     | 21 | 31 | 41 | 51 | 11 | -  | -  |
| 800 opt17     | 11 | 12 | 21 | -  | 31 | 41 | 51 |
| 900 opt17     | 11 | 12 | 21 | 31 | 41 | 51 | 61 |
| 1000 opt17    | 11 | 21 | 31 | -  | 41 | 51 | 61 |
| 1100 opt17    | 11 | 21 | 31 | 41 | 51 | 61 | 71 |

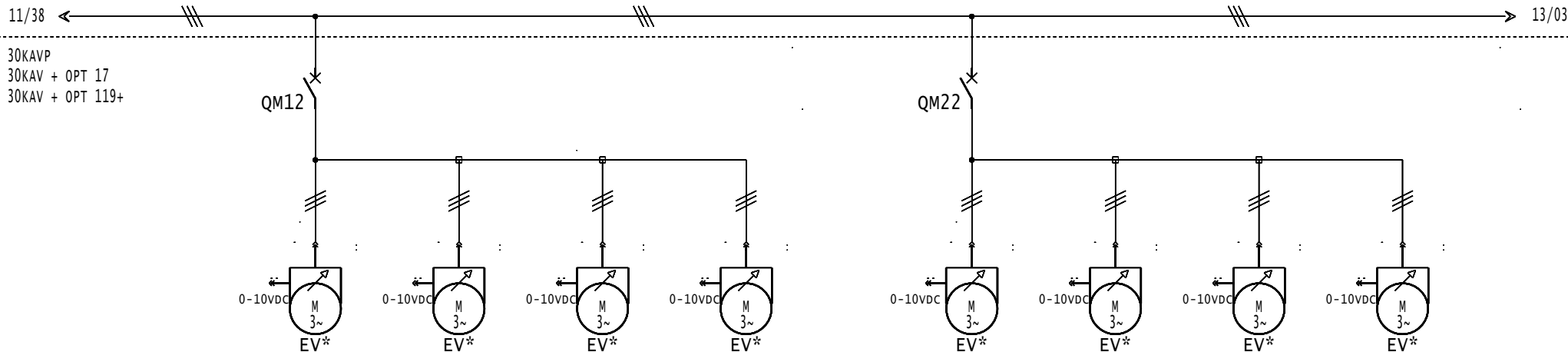
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|--------------------------|----|----|----|----|----|----|----|
| 500/550 opt119+ / 30KAVP | 21 | 31 | 41 | 51 | 11 | -  | -  |
| 600/650 opt119+ / 30KAVP | 21 | 31 | 41 | 51 | 11 | -  | -  |
| 720 opt119+ / 30KAVP     | 11 | 21 | 31 | -  | 41 | 51 | 61 |
| 800 opt119+ / 30KAVP     | 11 | 12 | 21 | 31 | 41 | 51 | 61 |
| 900 opt119+ / 30KAVP     | 11 | 12 | 21 | 31 | 41 | 51 | 61 |
| 1000 opt119+ / 30KAVP    | 11 | 21 | 31 | 41 | 51 | 61 | 71 |
| 1100 opt119+ / 30KAVP    | 11 | 21 | 31 | 41 | 51 | 61 | 71 |

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

SCHEMA ELECTRIQUE SIMPLIFIE  
SIMPLIFIED WIRING  
VEREINFACHTES SCHEMA

30KAV / 30KAVP

**Carrier** 13/02/2024 11  
00DCG000296300 I



## B

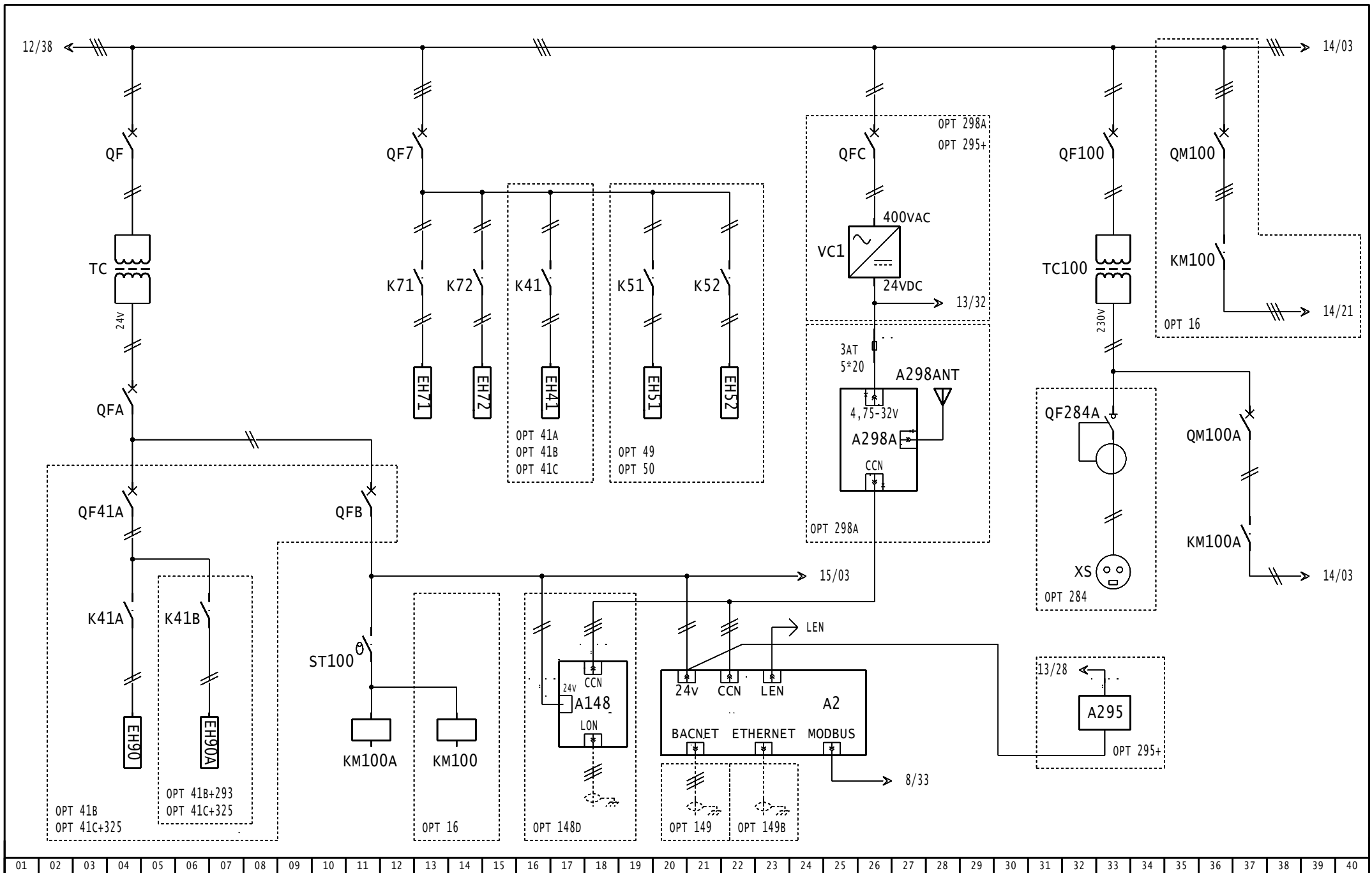
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|---------------|----|----|----|----|----|----|----|
| 500/550 opt17 | 12 | 22 | 32 | -  | -  | -  | -  |
| 600/650 opt17 | 12 | 22 | 32 | 42 | -  | -  | -  |
| 720 opt17     | 22 | 32 | 42 | 52 | 12 | -  | -  |
| 800 opt17     | 22 | 32 | 42 | 52 | -  | -  | -  |
| 900 opt17     | 32 | 42 | 52 | 62 | 22 | -  | -  |
| 1000 opt17    | 12 | 22 | 32 | -  | 42 | 52 | 62 |
| 1100 opt17    | 12 | 22 | 32 | 42 | 52 | 62 | 72 |

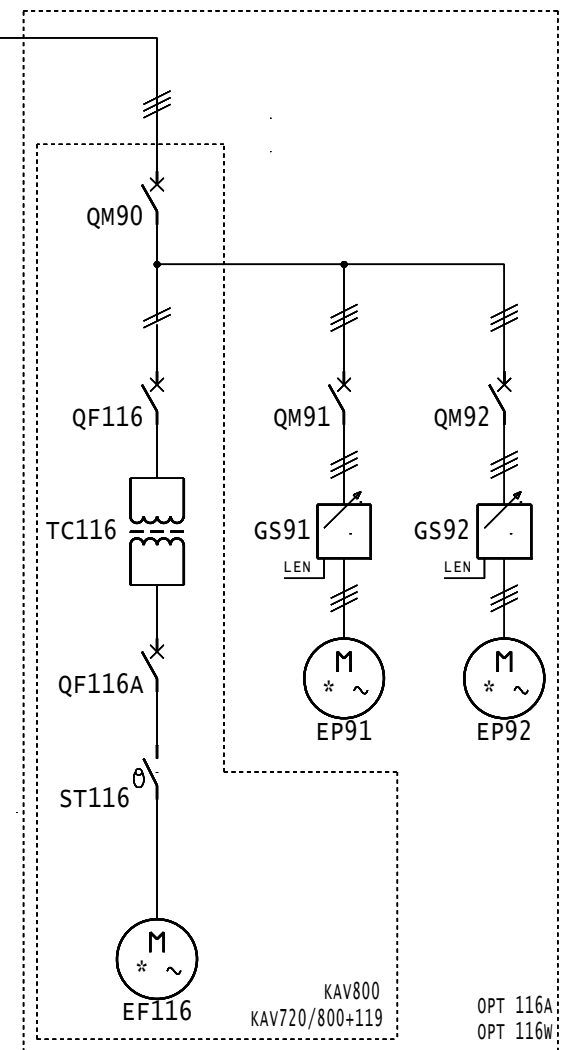
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|--------------------------|----|----|----|----|----|----|----|
| 500/550 opt119+ / 30KAVP | 22 | 32 | 42 | 52 | 12 | -  | -  |
| 600/650 opt119+ / 30KAVP | 22 | 32 | 42 | 52 | 12 | -  | -  |
| 720 opt119+ / 30KAVP     | 12 | 22 | 32 | -  | 42 | 52 | 62 |
| 800 opt119+ / 30KAVP     | 22 | 32 | 42 | -  | 52 | 62 | 72 |
| 900 opt119+ / 30KAVP     | 22 | 32 | 42 | -  | 52 | 62 | 72 |
| 1000 opt119+ / 30KAVP    | 12 | 22 | 32 | 42 | 52 | 62 | 72 |
| 1100 opt119+ / 30KAVP    | 12 | 22 | 32 | 42 | 52 | 62 | 72 |

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

SCHEMA ELECTRIQUE SIMPLIFIE  
SIMPLIFIED WIRING  
VEREINFACHTES SCHEMA

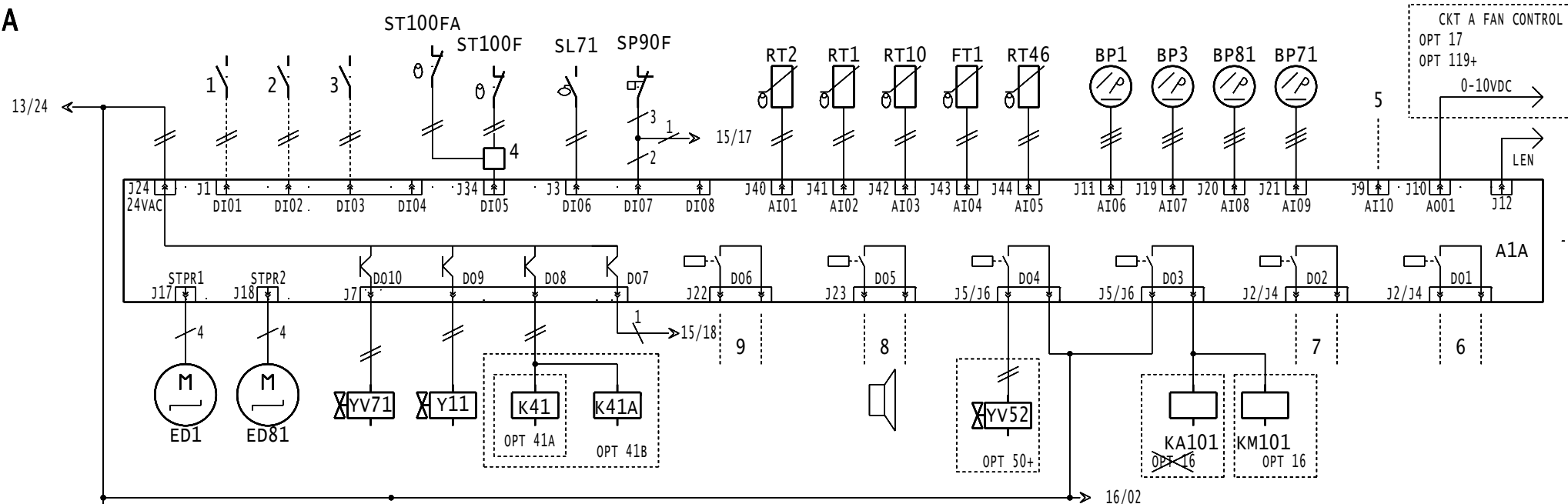
30KAV / 30KAVP



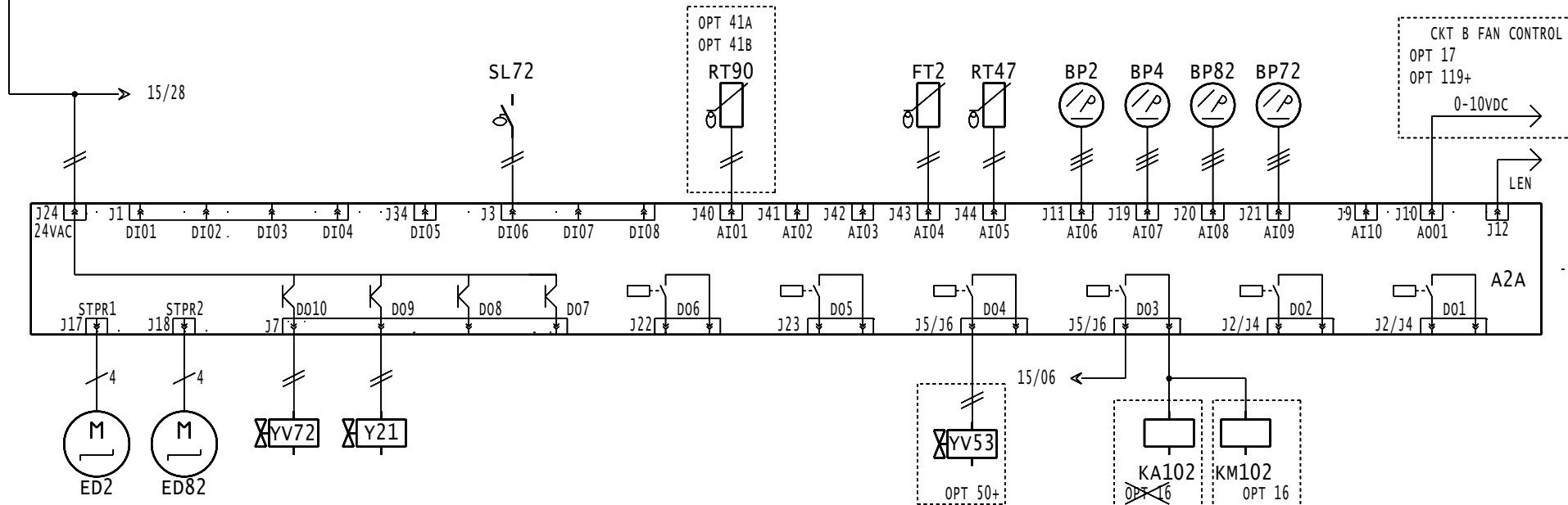


|   |   |   |   |  |  |   |   |
|---|---|---|---|--|--|---|---|
| X | - | - | - |  |  | X | - |
| X | - | - | - |  |  | X | - |
| X | - | - | - |  |  | X | - |
| X | - | - | - |  |  | X | - |
|   |   |   |   |  |  |   |   |

A



B



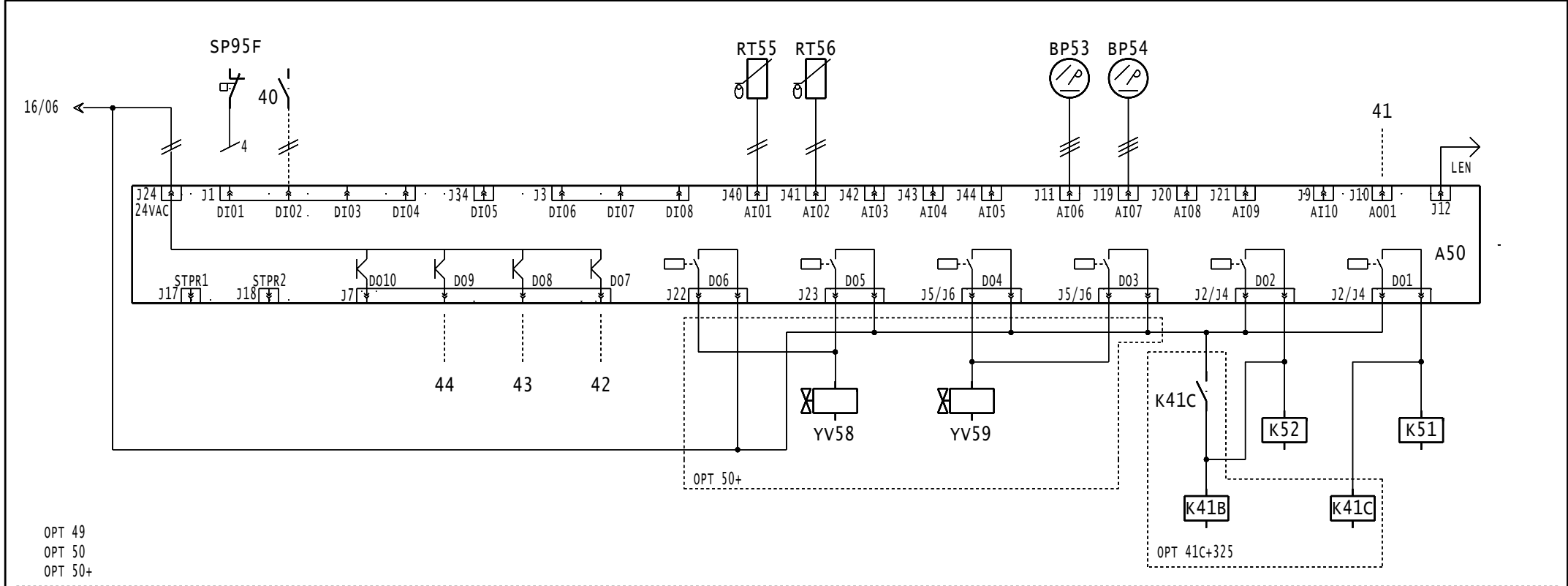
|    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 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 |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|

SCHEMA ELECTRIQUE SIMPLIFIE  
SIMPLIFIED WIRING  
VEREINFACHTES SCHEMA

30KAV / 30KAVP

|                                                                                       |            |    |
|---------------------------------------------------------------------------------------|------------|----|
|  | 13/02/2024 | 15 |
| 00DCG000296300                                                                        |            | I  |





## Техника для климата

Доставляем оборудование по всей России от 3 дней транспортными компаниями. Реализуем проекты в десятках регионов — от Калининграда до Владивостока.

**9600+**

объектов и поставок

**от 1 дня**

отгрузка в транспортную компанию

### Технические данные файла

Документ: Схема Carrier 30KAV/30KAVP, чиллеры с воздушным охлаждением: электрическая схема 00DCG000296300i, 02.2024

Идентификатор библиотеки: LIB-004010

Исходный файл: carrier-00dcg000296300i-02-2024-30kav-30kavp-shema.pdf

SHA-256 оригинала: 69923e8f47709ac1b103a2abd2452e9908178df0bae5d014d29d8317429610f1

Постоянная ссылка: <https://iclim.ru/library/carrier-00dcg000296300i-02-2024-30kav-30kavp-shema.pdf>

Копия сформирована: 04.10.2026 10:22 UTC