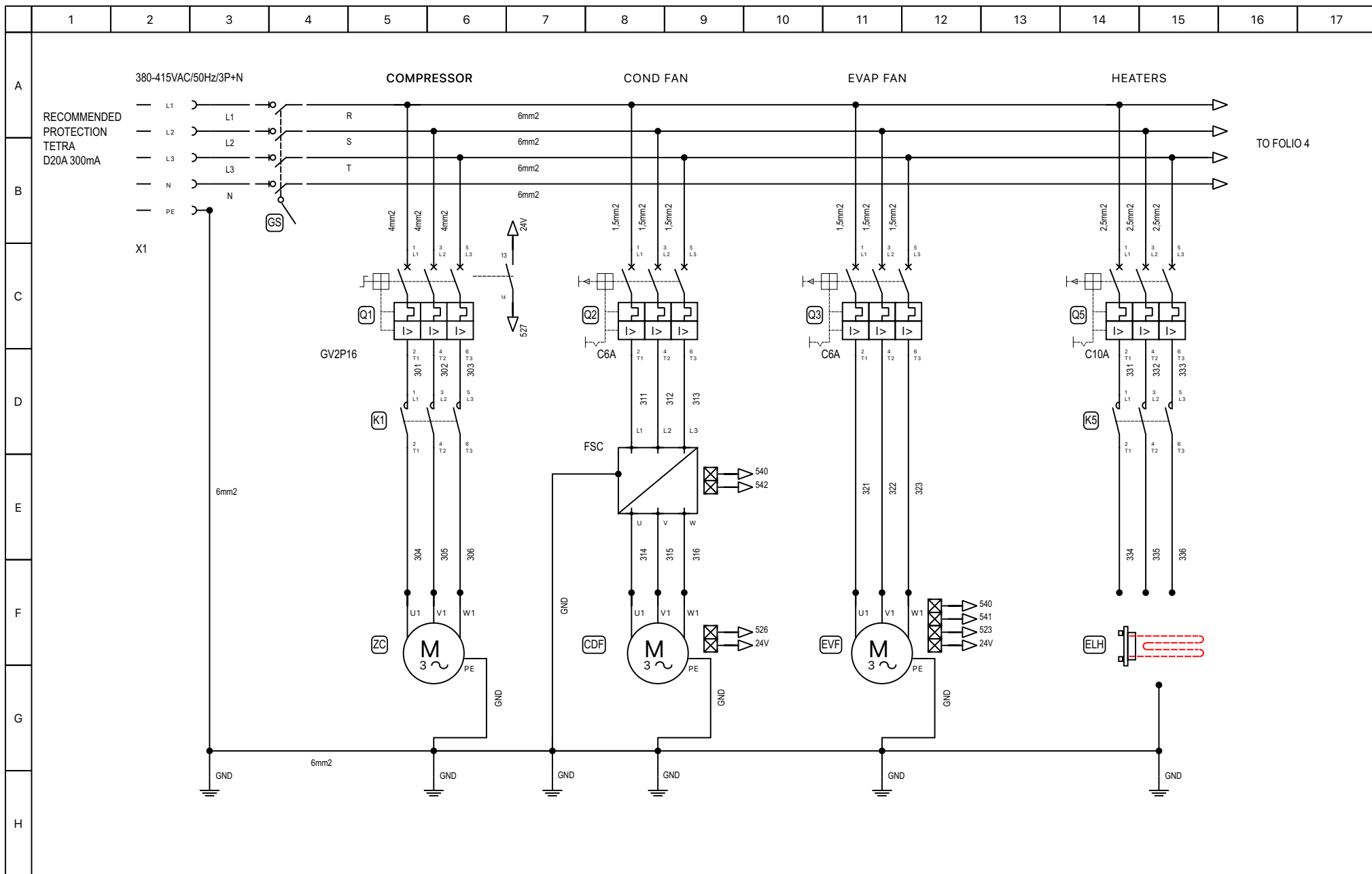
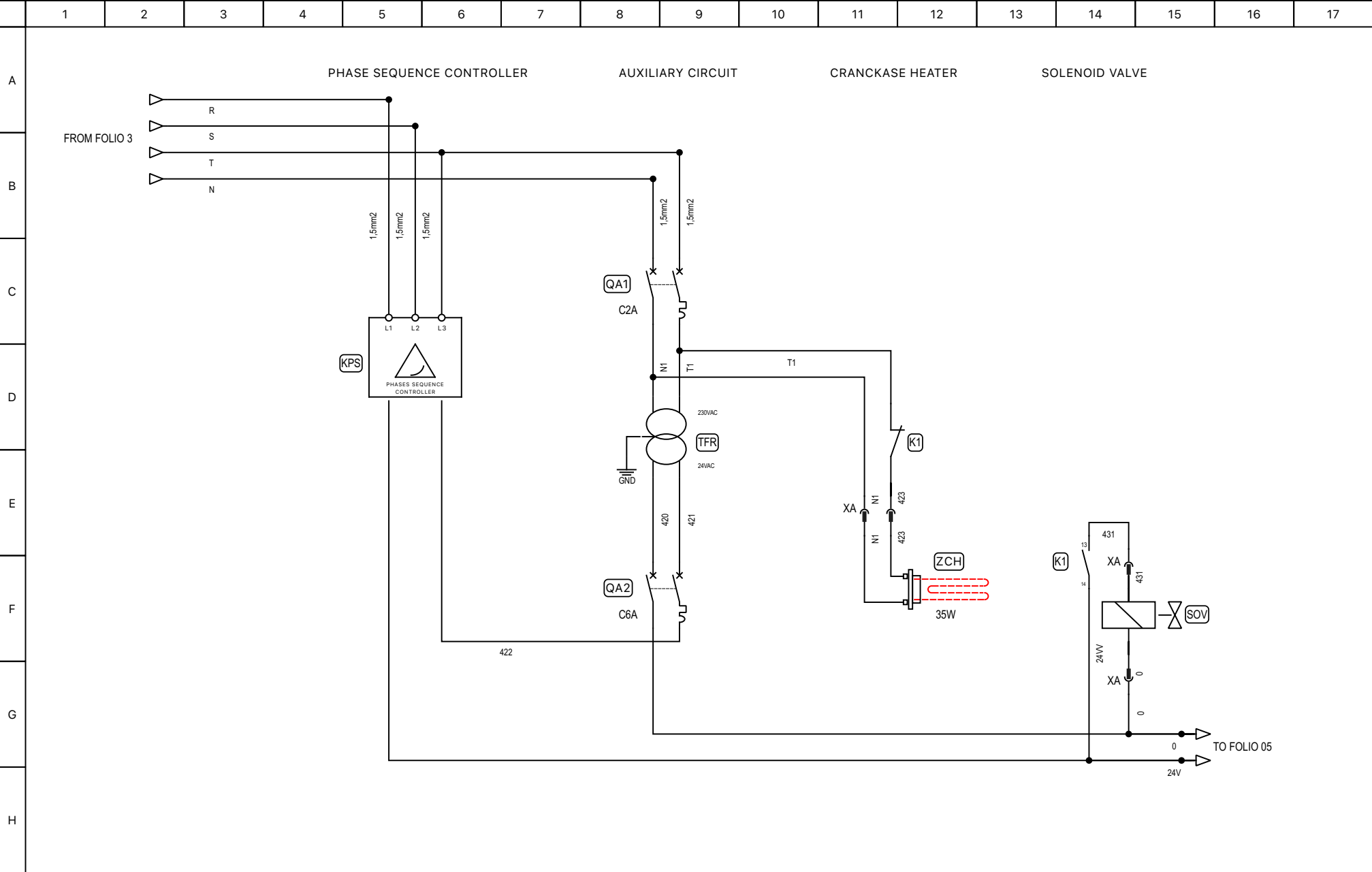


|                                           | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2                                | 3          | 4 | 5 | 6                                                                                                                                                                                                                                                     | 7 | 8 | 9 | 10                                                                                                                       | 11 | 12            | 13 | 14         | 15 | 16                                | 17  |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
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| A                                         | <div>NAYCH EMEA</div> <div>INDUSTRIAL AIR CONDITIONER</div> <div>Product code : RTC05-400-HCC-A2</div> <div>COMPACT ROOF TOP AIR CONDITIONER</div> <div>MAP N°: RTC-A-MAP001</div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                  |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| B                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| C                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| D                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| E                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| F                                         | <table><tr><th>Titre</th><th>Numéro de folio</th><th>Indice de révision</th><th>Date</th></tr><tr><td>01 - SUMMARY</td><td>1/9</td><td>A</td><td>01/02/2024</td></tr><tr><td>02 - SINGLE LINE CIRCUIT</td><td>2/9</td><td>A</td><td>01/02/2024</td></tr><tr><td>03 - MAIN CIRCUIT</td><td>3/9</td><td>A</td><td>01/02/2024</td></tr><tr><td>04 - SECONDARY CIRCUIT</td><td>4/9</td><td>A</td><td>01/02/2024</td></tr><tr><td>06 - AUTOMATION (PROPORTIONAL CONDENSING)</td><td>5/9</td><td>A</td><td>01/02/2024</td></tr><tr><td>07 - AUTOMATION</td><td>6/9</td><td>A</td><td>01/02/2024</td></tr><tr><td>08 - TERMINALS</td><td>7/9</td><td>A</td><td>01/02/2024</td></tr><tr><td>09 - COOLING CIRCUIT</td><td>8/9</td><td>A</td><td>01/02/2024</td></tr><tr><td>10 - PARTS LIST</td><td>9/9</td><td>A</td><td>01/02/2024</td></tr></table> |                                  |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     | Titre | Numéro de folio | Indice de révision | Date | 01 - SUMMARY | 1/9 | A | 01/02/2024 | 02 - SINGLE LINE CIRCUIT | 2/9 | A | 01/02/2024 | 03 - MAIN CIRCUIT | 3/9 | A | 01/02/2024 | 04 - SECONDARY CIRCUIT | 4/9 | A | 01/02/2024 | 06 - AUTOMATION (PROPORTIONAL CONDENSING) | 5/9 | A | 01/02/2024 | 07 - AUTOMATION | 6/9 | A | 01/02/2024 | 08 - TERMINALS | 7/9 | A | 01/02/2024 | 09 - COOLING CIRCUIT | 8/9 | A | 01/02/2024 | 10 - PARTS LIST | 9/9 | A | 01/02/2024 |
| Titre                                     | Numéro de folio                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Indice de révision               | Date       |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 01 - SUMMARY                              | 1/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 02 - SINGLE LINE CIRCUIT                  | 2/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 03 - MAIN CIRCUIT                         | 3/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 04 - SECONDARY CIRCUIT                    | 4/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 06 - AUTOMATION (PROPORTIONAL CONDENSING) | 5/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 07 - AUTOMATION                           | 6/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 08 - TERMINALS                            | 7/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 09 - COOLING CIRCUIT                      | 8/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| 10 - PARTS LIST                           | 9/9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | A                                | 01/02/2024 |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| G                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| H                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                  |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    |               |    |            |    |                                   |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| PRODUCT CODE :                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | RTC05-400-HCC-A2                 |            |   |   | IF NOT INDICATED, THE CABLE SECTION IS 1mm2                                                                                                                                                                                                           |   |   |   | <div>NAYCH</div> <div>INDUSTRIAL AIR CONDITIONERS</div> <div>NAYCH <a href="https://naych.eu">https://naych.eu</a></div> |    | REVISION :    |    | A          |    | SUMMARY                           |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| PRODUCT TYPE :                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ROOF TOP COMPACT AIR CONDITIONER |            |   |   | Professional document exclusively intended for a professional public certified in the profession of refrigeration.<br>All the images, descriptions and data contained in this publication are indicative and may be subject to change without notice. |   |   |   |                                                                                                                          |    | DATE :        |    | 2024-02-01 |    | ISO7200 STANDARD<br>ELECTROCAD SW |     |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| DOCUMENT CODE :                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ECD_RTC05-400-HCC-A2_240201      |            |   |   |                                                                                                                                                                                                                                                       |   |   |   |                                                                                                                          |    | STATUS :      |    | SERIE 01   |    | FORMAT :                          | A4  |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |
| DOCUMENT TYPE :                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ELECTRICAL CIRCUIT DIAGRAM       |            |   |   | This document is the exclusive property of NAYCH and its SUBSIDIARY.                                                                                                                                                                                  |   |   |   |                                                                                                                          |    | FINAL CHECK : |    | ALE        |    | FOLIO :                           | 1/9 |       |                 |                    |      |              |     |   |            |                          |     |   |            |                   |     |   |            |                        |     |   |            |                                           |     |   |            |                 |     |   |            |                |     |   |            |                      |     |   |            |                 |     |   |            |

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| E                                                                                                                                                                                                                                                                                                                                              | <table><tr><td>COMPRESSOR</td><td>CONDENSER FAN</td><td>EVAPORATOR FAN</td><td>HEATERS</td><td>PHASES CONTROLLER</td><td>AUXILIARY CIRCUIT</td></tr><tr><td>LABEL : ZC<br/>NOMINAL POWER :<br/>3110W (400VAC 50Hz)<br/>3780W (440VAC 60Hz)<br/>NOMINAL CURRENT :<br/>6,1A (400VAC 50Hz)<br/>6,1A (440VAC 60Hz)<br/><br/>LABEL : Q1<br/>CALIBRATION : D16A (3 POLES)<br/>Pdi : 100kA (400VAC 50/60Hz )<br/>Pdi : 50kA (460VAC 50/60Hz)<br/><br/>LABEL : K1<br/>CALIBRATION : 18A<br/><br/>CABLE :<br/>SECTION : 3x4mm2 + GND</td><td>LABEL : CDF<br/>NOMINAL POWER :<br/>1000W (400VAC 50Hz)<br/>1160W (460VAC 60Hz)<br/>NOMINAL CURRENT :<br/>1,25A (400VAC 50Hz)<br/>1,25A (440VAC 60Hz)<br/><br/>LABEL : Q2<br/>CALIBRATION : C6A (3 POLES)<br/>Pdi : 10kA (400VAC 50/60Hz )<br/>Pdi : 6kA (460VAC 50/60Hz)<br/><br/>LABEL : FCS<br/>CALIBRATION : 6A<br/><br/>CABLE :<br/>SECTION : 3x1,5mm2 + GND</td><td>LABEL : EVF<br/>NOMINAL POWER :<br/>2900W (400VAC 50/60Hz)<br/>2900W (460VAC 60Hz)<br/>NOMINAL CURRENT :<br/>4,4A (400VAC 50/60Hz)<br/>4,4A (460VAC 60Hz)<br/><br/>LABEL : Q3<br/>CALIBRATION : C6A (3 POLES)<br/>Pdi : 10kA (400VAC 50/60Hz )<br/>Pdi : 6kA (460VAC 50/60Hz)<br/><br/>CABLE :<br/>SECTION : 3x1,5mm2 + GND</td><td>LABEL : ELH<br/>NOMINAL POWER :<br/>2900W (400VAC 50/60Hz)<br/>3300W (460VAC 60Hz)<br/>NOMINAL CURRENT :<br/>4,6A (400VAC 50/60Hz)<br/>5A (460VAC 60Hz)<br/><br/>LABEL : Q5<br/>CALIBRATION : C10A (3 POLES)<br/>Pdi : 10kA (400VAC 50/60Hz )<br/>Pdi : 6kA (460VAC 50/60Hz)<br/><br/>LABEL : K5<br/>CALIBRATION : 9A<br/><br/>CABLE :<br/>SECTION : 3x2,5mm2 + GND</td><td>LABEL : KPS<br/><br/>:<br/><br/><br/><br/><br/><br/><br/><br/><br/><br/>CABLE :<br/>SECTION : 3x1,5mm2</td><td>LABEL : TFR<br/>NOMINAL POWER :<br/>120W (47/63Hz)<br/><br/>NOMINAL CURRENT :<br/>0,7A (180-550VAC)<br/><br/>LABEL : QA1<br/>CALIBRATION : C2A (3 POLES)<br/>Pdi : 10kA (400VAC 50/60Hz )<br/>Pdi : 6kA (460VAC 50/60Hz)<br/><br/>CABLE :<br/>SECTION : 2x1,5mm2</td></tr></table> |                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                    |                                                                                           |                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                    |   |          |   |                                      |    |               |    |            |    |                                | COMPRESSOR | CONDENSER FAN | EVAPORATOR FAN | HEATERS | PHASES CONTROLLER | AUXILIARY CIRCUIT | LABEL : ZC<br>NOMINAL POWER :<br>3110W (400VAC 50Hz)<br>3780W (440VAC 60Hz)<br>NOMINAL CURRENT :<br>6,1A (400VAC 50Hz)<br>6,1A (440VAC 60Hz)<br><br>LABEL : Q1<br>CALIBRATION : D16A (3 POLES)<br>Pdi : 100kA (400VAC 50/60Hz )<br>Pdi : 50kA (460VAC 50/60Hz)<br><br>LABEL : K1<br>CALIBRATION : 18A<br><br>CABLE :<br>SECTION : 3x4mm2 + GND | LABEL : CDF<br>NOMINAL POWER :<br>1000W (400VAC 50Hz)<br>1160W (460VAC 60Hz)<br>NOMINAL CURRENT :<br>1,25A (400VAC 50Hz)<br>1,25A (440VAC 60Hz)<br><br>LABEL : Q2<br>CALIBRATION : C6A (3 POLES)<br>Pdi : 10kA (400VAC 50/60Hz )<br>Pdi : 6kA (460VAC 50/60Hz)<br><br>LABEL : FCS<br>CALIBRATION : 6A<br><br>CABLE :<br>SECTION : 3x1,5mm2 + GND | LABEL : EVF<br>NOMINAL POWER :<br>2900W (400VAC 50/60Hz)<br>2900W (460VAC 60Hz)<br>NOMINAL CURRENT :<br>4,4A (400VAC 50/60Hz)<br>4,4A (460VAC 60Hz)<br><br>LABEL : Q3<br>CALIBRATION : C6A (3 POLES)<br>Pdi : 10kA (400VAC 50/60Hz )<br>Pdi : 6kA (460VAC 50/60Hz)<br><br>CABLE :<br>SECTION : 3x1,5mm2 + GND | LABEL : ELH<br>NOMINAL POWER :<br>2900W (400VAC 50/60Hz)<br>3300W (460VAC 60Hz)<br>NOMINAL CURRENT :<br>4,6A (400VAC 50/60Hz)<br>5A (460VAC 60Hz)<br><br>LABEL : Q5<br>CALIBRATION : C10A (3 POLES)<br>Pdi : 10kA (400VAC 50/60Hz )<br>Pdi : 6kA (460VAC 50/60Hz)<br><br>LABEL : K5<br>CALIBRATION : 9A<br><br>CABLE :<br>SECTION : 3x2,5mm2 + GND | LABEL : KPS<br><br>:<br><br><br><br><br><br><br><br><br><br>CABLE :<br>SECTION : 3x1,5mm2 | LABEL : TFR<br>NOMINAL POWER :<br>120W (47/63Hz)<br><br>NOMINAL CURRENT :<br>0,7A (180-550VAC)<br><br>LABEL : QA1<br>CALIBRATION : C2A (3 POLES)<br>Pdi : 10kA (400VAC 50/60Hz )<br>Pdi : 6kA (460VAC 50/60Hz)<br><br>CABLE :<br>SECTION : 2x1,5mm2 |
| COMPRESSOR                                                                                                                                                                                                                                                                                                                                     | CONDENSER FAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | EVAPORATOR FAN                                                                                                                                                                                                                                                                                                | HEATERS                                                                                                                                                                                                                                                                                                                                            | PHASES CONTROLLER                                                                         | AUXILIARY CIRCUIT                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                    |   |          |   |                                      |    |               |    |            |    |                                |            |               |                |         |                   |                   |                                                                                                                                                                                                                                                             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| LABEL : ZC<br>NOMINAL POWER :<br>3110W (400VAC 50Hz)<br>3780W (440VAC 60Hz)<br>NOMINAL CURRENT :<br>6,1A (400VAC 50Hz)<br>6,1A (440VAC 60Hz)<br><br>LABEL : Q1<br>CALIBRATION : D16A (3 POLES)<br>Pdi : 100kA (400VAC 50/60Hz )<br>Pdi : 50kA (460VAC 50/60Hz)<br><br>LABEL : K1<br>CALIBRATION : 18A<br><br>CABLE :<br>SECTION : 3x4mm2 + GND | LABEL : CDF<br>NOMINAL POWER :<br>1000W (400VAC 50Hz)<br>1160W (460VAC 60Hz)<br>NOMINAL CURRENT :<br>1,25A (400VAC 50Hz)<br>1,25A (440VAC 60Hz)<br><br>LABEL : Q2<br>CALIBRATION : C6A (3 POLES)<br>Pdi : 10kA (400VAC 50/60Hz )<br>Pdi : 6kA (460VAC 50/60Hz)<br><br>LABEL : FCS<br>CALIBRATION : 6A<br><br>CABLE :<br>SECTION : 3x1,5mm2 + GND                                                                                                                                                                                                                                                                                                                                      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KPS<br><br>:<br><br><br><br><br><br><br><br><br><br>CABLE :<br>SECTION : 3x1,5mm2 | LABEL : TFR<br>NOMINAL POWER :<br>120W (47/63Hz)<br><br>NOMINAL CURRENT :<br>0,7A (180-550VAC)<br><br>LABEL : QA1<br>CALIBRATION : C2A (3 POLES)<br>Pdi : 10kA (400VAC 50/60Hz )<br>Pdi : 6kA (460VAC 50/60Hz)<br><br>CABLE :<br>SECTION : 2x1,5mm2 |                                                                                                                                                                                                                                                    |   |          |   |                                      |    |               |    |            |    |                                |            |               |                |         |                   |                   |                                                                                                                                                                                                    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| PRODUCT CODE :                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       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                         |                                                                                                                                                                                                                                                     | IF NOT INDICATED, THE CABLE SECTION IS 1mm2                                                                                                                                                                                                        |   |          |   | NAYCH<br>INDUSTRIAL AIR CONDITIONERS |    | REVISION :    |    | A          |    |                                |            |               |                |         |                   |                   |                                                                                                                                                                                                                                                             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| PRODUCT TYPE :                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ROOF TOP COMPACT AIR CONDITIONER                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                    |                                                                                           |                                                                                                                                                                                                                                                     | Professional document exclusively intended for a professional public certified in the profession of refrigeration. 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                                                                                                                                                                                                                                                                                                 | ELECTRICAL CIRCUIT DIAGRAM                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                    |                                                                  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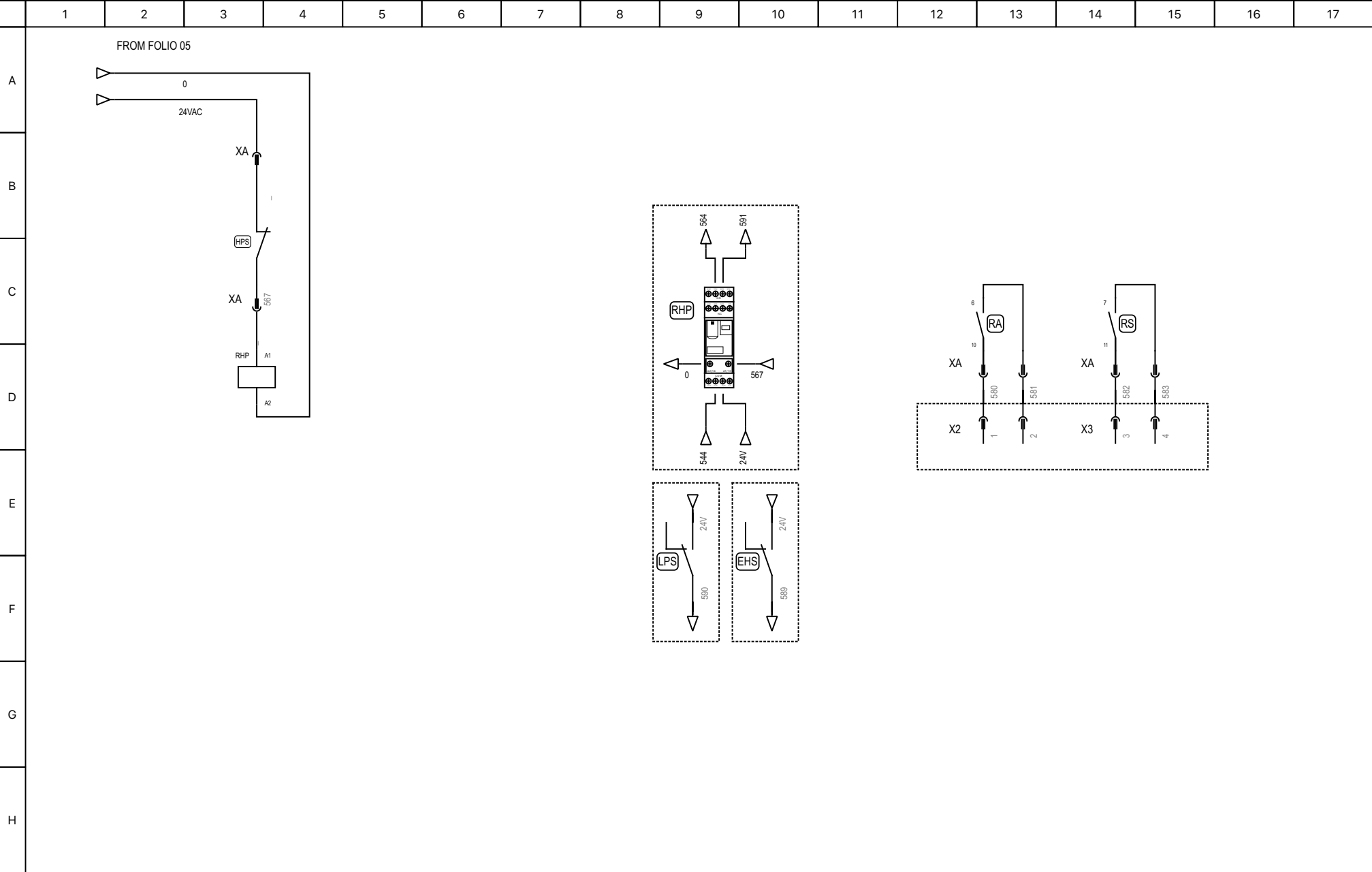


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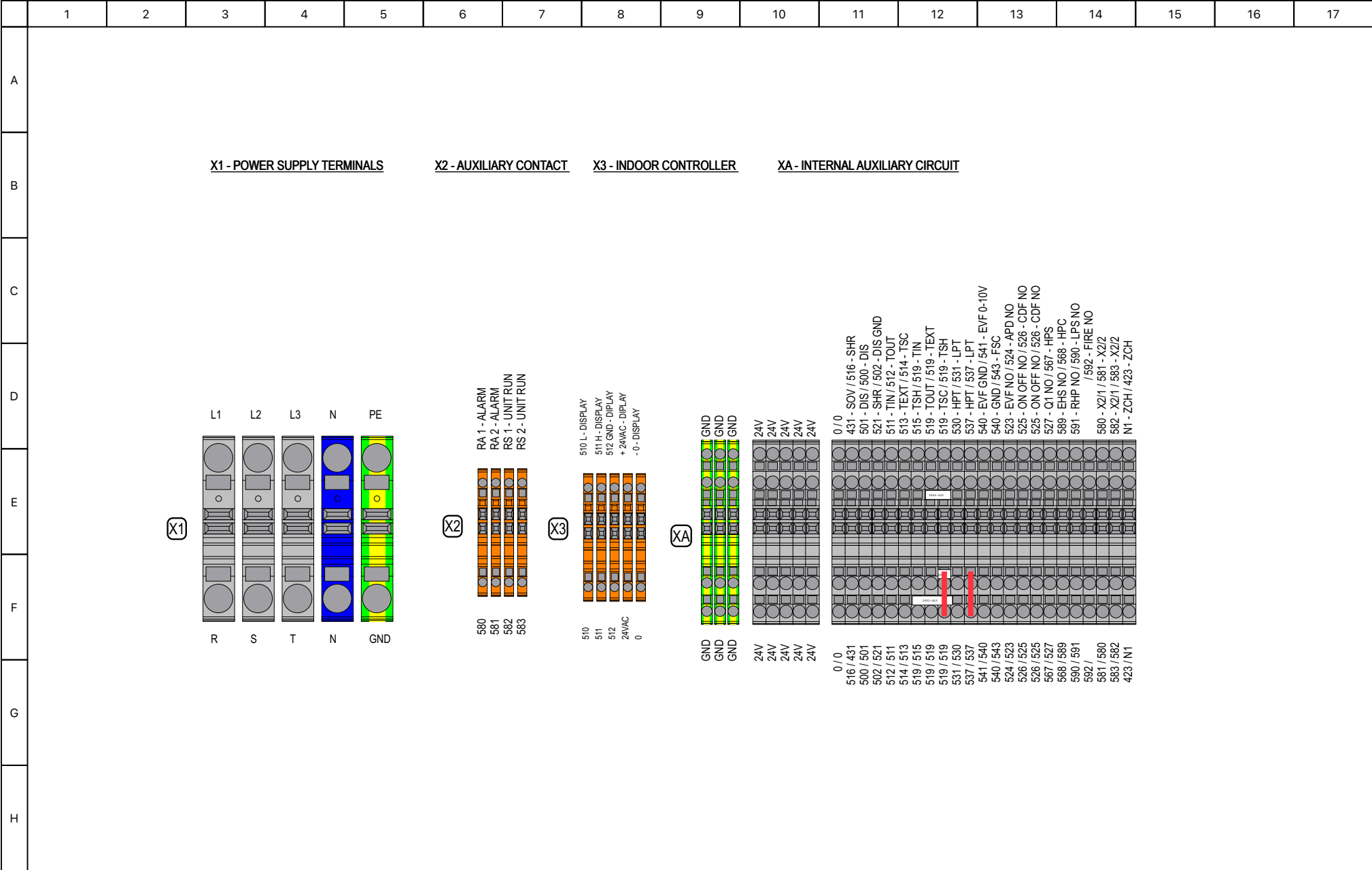


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| PRODUCT CODE :  | RTC05-400-HCC-A2                 | IF NOT INDICATED, THE CABLE SECTION IS 1mm2                                                                                                                                                                                                           | <div><br/>INDUSTRIAL AIR CONDITIONERS</div> <div>NAYCH <a href="https://naych.eu">https://naych.eu</a></div> | REVISION :    | A          |  | SECONDARY CIRCUIT                 |     |
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| DOCUMENT CODE : | ECD_RTC05-400-HCC-A2_240201      |                                                                                                                                                                                                                                                       |                                                                                                                                                                                                   | STATUS :      | SERIE 01   |  | FORMAT :                          | A4  |
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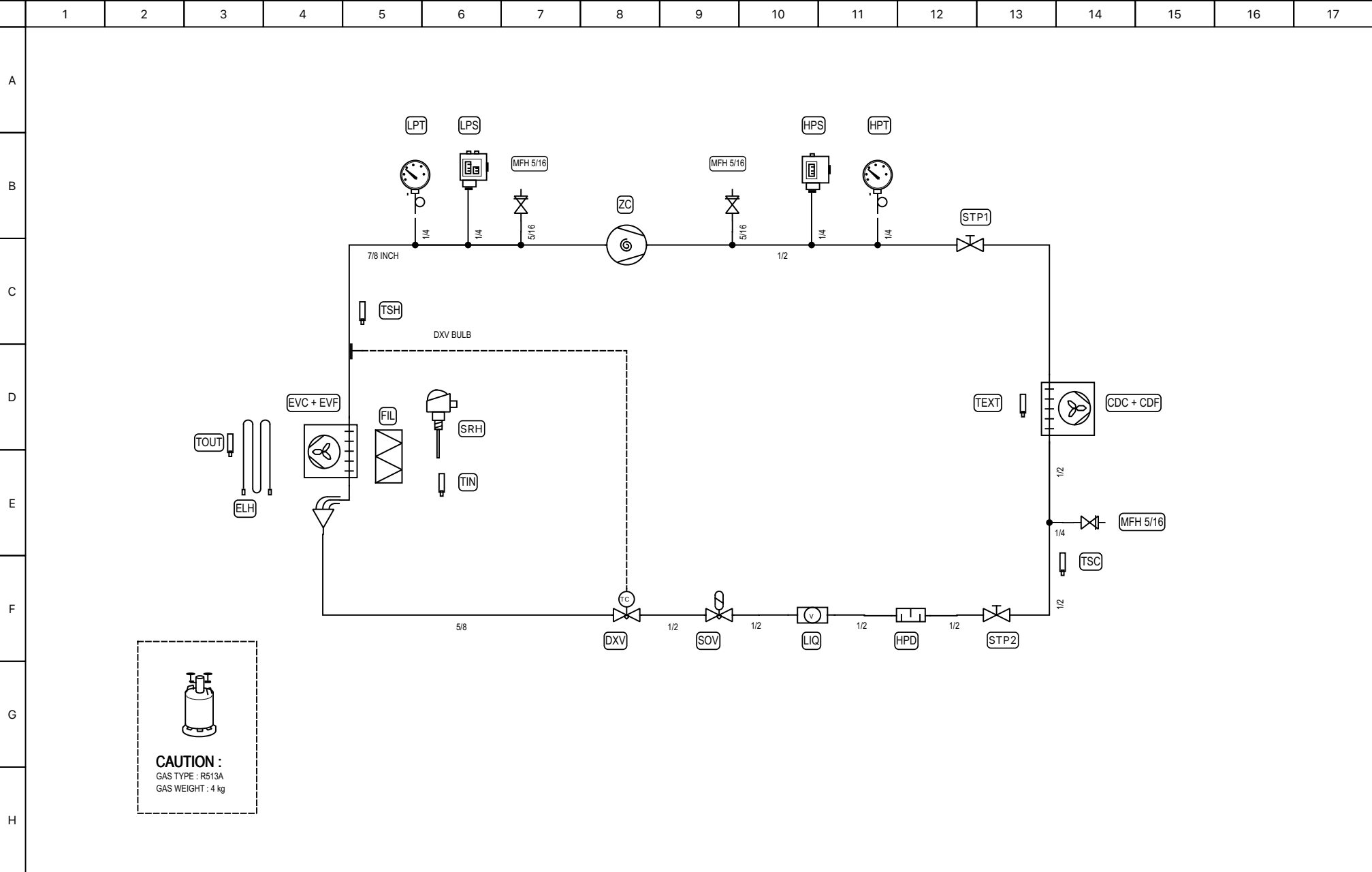




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| DOCUMENT CODE : | ECD_RTC05-400-HCC-A2_240201      |                                                                                                                                                                                                                                                       |                                                       | STATUS :      | SERIE 01   | FORMAT :                          | A4  |
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|   | 1 | 2 | 3 | 4 | 5 | 6                                    | 7         | 8        | 9 | 10 | 11 | 12 | 13                                           | 14        | 15   | 16 | 17 |
|---|---|---|---|---|---|--------------------------------------|-----------|----------|---|----|----|----|----------------------------------------------|-----------|------|----|----|
| A |   |   |   |   |   | CONDENSER COIL                       | SP_F_0001 | CDC      |   |    |    |    | AIR PRESSURE DIFFERENTIAL                    | SP_E_0001 | APD  |    |    |
|   |   |   |   |   |   | EVAPORATEUR COIL                     | SP_F_0002 | EVC      |   |    |    |    | AIR TEMPERATURE PROBE                        | SP_E_0002 | Tin  |    |    |
|   |   |   |   |   |   | HIGH PRESSURE SWITCH CDF (NO)        | SP_F_0003 | HPC      |   |    |    |    | AIR TEMPERATURE PROBE                        | SP_E_0002 | Tout |    |    |
|   |   |   |   |   |   | LOW PRESSURE SWITCH (NO)             | SP_F_0004 | LPS      |   |    |    |    | AIR TEMPERATURE PROBE                        | SP_E_0002 | Text |    |    |
|   |   |   |   |   |   | HIGH PRESSURE SWITCH (NO)            | SP_F_0005 | HPS      |   |    |    |    | AIR TEMPERATURE PROBE                        | SP_E_0002 | TSH  |    |    |
| B |   |   |   |   |   | TRANSDUCER                           | SP_F_0006 | LPT      |   |    |    |    | AIR TEMPERATURE PROBE                        | SP_E_0002 | TSC  |    |    |
|   |   |   |   |   |   | TRANSDUCER                           | SP_F_0006 | HPT      |   |    |    |    | RELATIVE HUMIDITY PROBE KFF-U (0-10V)        | SP_E_0004 | SHR  |    |    |
|   |   |   |   |   |   | FILTER DRYER (1/2) ODF               | SP_F_0007 | HPD      |   |    |    |    | CONTACTOR 18A                                | SP_E_0006 | K1   |    |    |
|   |   |   |   |   |   | LIQUIDE SIGHT GLASS 12,7mm (1/2) ODF | SP_F_0008 | LIQ      |   |    |    |    | CONTACTOR 9A                                 | SP_E_0007 | K2   |    |    |
|   |   |   |   |   |   | STOP VALVE 12,7mm (1/2) ODF          | SP_F_0009 | STP1     |   |    |    |    | CONTACTOR 9A                                 | SP_E_0007 | K5   |    |    |
| C |   |   |   |   |   | STOP VALVE 12,7mm (1/2) ODF          | SP_F_0009 | STP2     |   |    |    |    | PHASE SEQUENCE RELAY                         | SP_E_0009 | KPS  |    |    |
|   |   |   |   |   |   | SOLENOID VALVE NC 12,7mm (1/2) ODF   | SP_F_0010 | SOV      |   |    |    |    | MAGNETOTHERMAL PROTECTION 2P 2A              | SP_E_0010 | QA1  |    |    |
|   |   |   |   |   |   | SOLENOID COIL (11W)                  | SP_F_0011 | SOV      |   |    |    |    | MAGNETOTHERMAL PROTECTION 2P 6A              | SP_E_0011 | QA2  |    |    |
|   |   |   |   |   |   | SOLENOID CONNECTOR (IP65)            | SP_F_0012 | SOV      |   |    |    |    | MAGNETOTHERMAL PROTECTION 3P 14A             | SP_E_0012 | Q1   |    |    |
|   |   |   |   |   |   | EXPANSION VALVE                      | SP_F_0013 | DXV      |   |    |    |    | MAGNETOTHERMAL PROTECTION 3P 6A              | SP_E_0013 | Q2   |    |    |
| D |   |   |   |   |   | SCHRADER SAE 1/4 (ODF)               | SP_F_0014 | MFH 1/4  |   |    |    |    | MAGNETOTHERMAL PROTECTION 3P 6A              | SP_E_0013 | Q3   |    |    |
|   |   |   |   |   |   | SCHRADER SAE 5/16 (ODF)              | SP_F_0015 | MFH 5/16 |   |    |    |    | MAGNETOTHERMAL PROTECTION 3P 10A             | SP_E_0014 | Q5   |    |    |
|   |   |   |   |   |   | COMPRESSOR SCROLL 5HP - R513A        | SP_F_0035 | ZC       |   |    |    |    | AUXILIARY RELAY 5A                           | SP_E_0015 | RA   |    |    |
|   |   |   |   |   |   | COMPRESSOR CRANKCASE HEATER (90W)    | SP_F_0017 | ZCH      |   |    |    |    | AUXILIARY RELAY 5A                           | SP_E_0015 | RS   |    |    |
| E |   |   |   |   |   |                                      |           |          |   |    |    |    | AUXILIARY RELAY 5A                           | SP_E_0015 | RHP  |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | AUXILIARY RELAY 5A SOCKET                    | SP_E_0016 |      |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | AUXILIARY RELAY 5A SOCKET                    | SP_E_0016 |      |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | AUXILIARY RELAY 5A SOCKET                    | SP_E_0016 |      |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | AUXILIARY RELAY 5A SOCKET                    | SP_E_0016 |      |    |    |
| F |   |   |   |   |   |                                      |           |          |   |    |    |    | PROG LOGIC CONTROLLER                        | SP_E_0017 | PLC  |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | DISPLAY                                      | SP_E_0018 | DIS  |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | DISPLAY ADAPTOR                              | SP_E_0067 |      |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | SECURITY SWICTH 40A                          | SP_E_0020 | IG   |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | SECURITY SWITCH - BUTTON                     | SP_E_0021 |      |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | SECURITY SWITCH - SPINDLE                    | SP_E_0022 |      |    |    |
| G |   |   |   |   |   |                                      |           |          |   |    |    |    | 1000W RECTANGULAR HEATERS 40X70X325          | SP_E_0023 | ELH  |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | SUPPORT FOR RECTANGULAR HEATERS              | SP_E_0024 |      |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | CAPILLARY SAFETY LIMITERS (100°C MANUAL SET) | SP_E_0025 | EHS  |    |    |
|   |   |   |   |   |   |                                      |           |          |   |    |    |    | CONDENSER AXIAL FAN 710mm 400VAC             | SP_E_0026 | CDF  |    |    |
| H |   |   |   |   |   |                                      |           |          |   |    |    |    | EVAPORATOR EC RADIAL FAN 350mm 400VAC        | SP_E_0027 | EVF  |    |    |

|                 |                                  |                                                                                                                                                                                                                                                    |                                                                                                                                                                                            |               |            |                                   |     |
|-----------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-----------------------------------|-----|
| PRODUCT CODE :  | RTC05-400-HCC-A2                 | IF NOT INDICATED, THE CABLE SECTION IS 1mm2                                                                                                                                                                                                        | <br>NAYCH<br>INDUSTRIAL AIR CONDITIONERS<br><br>NAYCH <a href="https://naych.eu">https://naych.eu</a> | REVISION :    | A          | PARTS LIST                        |     |
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