

Aderfarben

|                  |   |                         |
|------------------|---|-------------------------|
| Hauptstrom       | : | schwarz                 |
| 230V AC / 230V/0 | : | rot / rot-weiss         |
| 24V AC / 24V/0   | : | grau / grau-weiss       |
| 24V + / 24V -    | : | dunkelblau / blau-weiss |
| Fremdspannung    | : | orange                  |
| DDC              | : | braun                   |
| Messleitung      | : | weiss                   |
| Neutralleiter    | : | blau                    |
| Schutzleiter     | : | grün-gelb               |

Klemmleisten

|     |                                  |
|-----|----------------------------------|
| X01 | vorm Hauptschalter               |
| X1  | Hauptstrom                       |
| X2  | Steuerung 230V                   |
| X3  | Kleinspannung                    |
| X4  | Analoge Signale                  |
| X5  | Signalaustausch mit Fremdanlagen |
| X6  | Busleitungen                     |
| X7  | Fremdspannung                    |
| X8  | Ex Bereich                       |

Schaltschrank

|                 |   |                  |             |
|-----------------|---|------------------|-------------|
| Schaltschrank   | : | im Lüftungsgerät | Küche RLT 1 |
| Gehäuse Farbe   | : | integriert       | Lobby RLT 2 |
| Schutzart       | : | IP 54            |             |
| Kabeleinführung | : | unten            |             |
| Türanschlag     | : | Beidseitig       |             |

Betriebswerte

|                     |   |                  |
|---------------------|---|------------------|
| Betriebsspannung    | : | 400V AC          |
| Steuerung Allgemein | : | 230V AC / 24V DC |
| Optische Anzeige    | : | auf Display      |
| Frequenz            | : | 50 Hz            |
| Regelung            | : | DEOS             |
| Einspeisung Küche   | : | 125 A            |
| Einspeisung Lobby   | : | 63 A             |

EN Vorschriften

HD 60364  
EN 61439-1

VDE

VDE 0100  
VDE 0660

International IEC

IEC 60364  
IEC 61439-1

|                                     |       |             |       |                          |                                                     |                     |                                                                                                |     |                  |  |                 |  |          |                   |         |  |
|-------------------------------------|-------|-------------|-------|--------------------------|-----------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------|-----|------------------|--|-----------------|--|----------|-------------------|---------|--|
| Projekt<br>Mc Donald ´s - Thiendorf |       |             |       |                          | Bauteil<br>Lüftung Küche und Lobby                  |                     | Kunde<br> |     |                  |  |                 |  |          |                   |         |  |
| Erstellt am                         |       | 17.Apr.2023 |       | Geplant : M.Holighaus    |                                                     | Höchste Seitenzahl: |                                                                                                | 59  |                  |  |                 |  |          |                   |         |  |
| Letzte Änderung am:                 |       | 14.Aug.2023 |       | Gezeichnet : M.Holighaus |                                                     | Anzahl der Seiten : |                                                                                                | 108 |                  |  |                 |  |          |                   |         |  |
| Geprüft am:<br>->Blatt vorher       |       | 18.Apr.2023 |       | Name : Hr. Strunk        |                                                     |                     |                                                                                                |     |                  |  |                 |  |          |                   |         |  |
|                                     |       |             | Datum | 14.Aug.2023              | Mc Donald ´s - Thiendorf<br>Lüftung Küche und Lobby |                     |           |     | Deckblatt        |  | Fabr.. Nr. 6996 |  | = RLT_1  |                   |         |  |
|                                     |       |             |       | MH                       |                                                     |                     |                                                                                                |     |                  |  |                 |  | +        |                   | Blatt 1 |  |
|                                     |       |             |       |                          |                                                     |                     |                                                                                                |     |                  |  |                 |  |          |                   |         |  |
| Änderung                            | Datum | Name        |       |                          |                                                     |                     |                                                                                                |     | Auftr. Nr. 23432 |  | Z.Nr.: 9538     |  | Blatt 59 |                   |         |  |
|                                     |       |             |       |                          |                                                     |                     |                                                                                                |     |                  |  |                 |  |          | Folgeblatt -> 1.a |         |  |

|              |       |      |       |             |
|--------------|-------|------|-------|-------------|
| Date Vorher: |       |      | Datum | 14.Aug.2023 |
|              |       |      |       | MH          |
|              |       |      |       |             |
| Änderung     | Datum | Name |       |             |

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| =RLT_1/2.b | Inhaltsverzeichnis                      |                  | 14.Aug.2023 | MH         |
| =RLT_1/2.c | Inhaltsverzeichnis                      |                  | 14.Aug.2023 | MH         |
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| =RLT_1/7   | Störung quittieren Küche                |                  | 14.Aug.2023 | MH         |
| =RLT_1/8   | Zählerwerterfassung                     |                  | 14.Aug.2023 | MH         |
| =RLT_1/9   | Sicherheitskette Küche                  |                  | 14.Aug.2023 | MH         |
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| =RLT_1/11  | Zuluftventilator Küche                  |                  | 14.Aug.2023 | MH         |
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| =RLT_1/14  | Abluftventilator Küche                  |                  | 14.Aug.2023 | MH         |
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| =RLT_1/26  | Rauchmelder ZUL Küche                   |                  | 14.Aug.2023 | MH         |
| =RLT_1/30  | Anlagenkennzeichen Allgemein            |                  | 14.Aug.2023 | MH         |

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| =KLE/2    | Klemmleistenübersicht                     |                  | 14.Aug.2023 | MH         |
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| =KLE/4    | Klemmenplan 1X1                           |                  | 14.Aug.2023 | MH         |
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->Blatt vorher 2.a

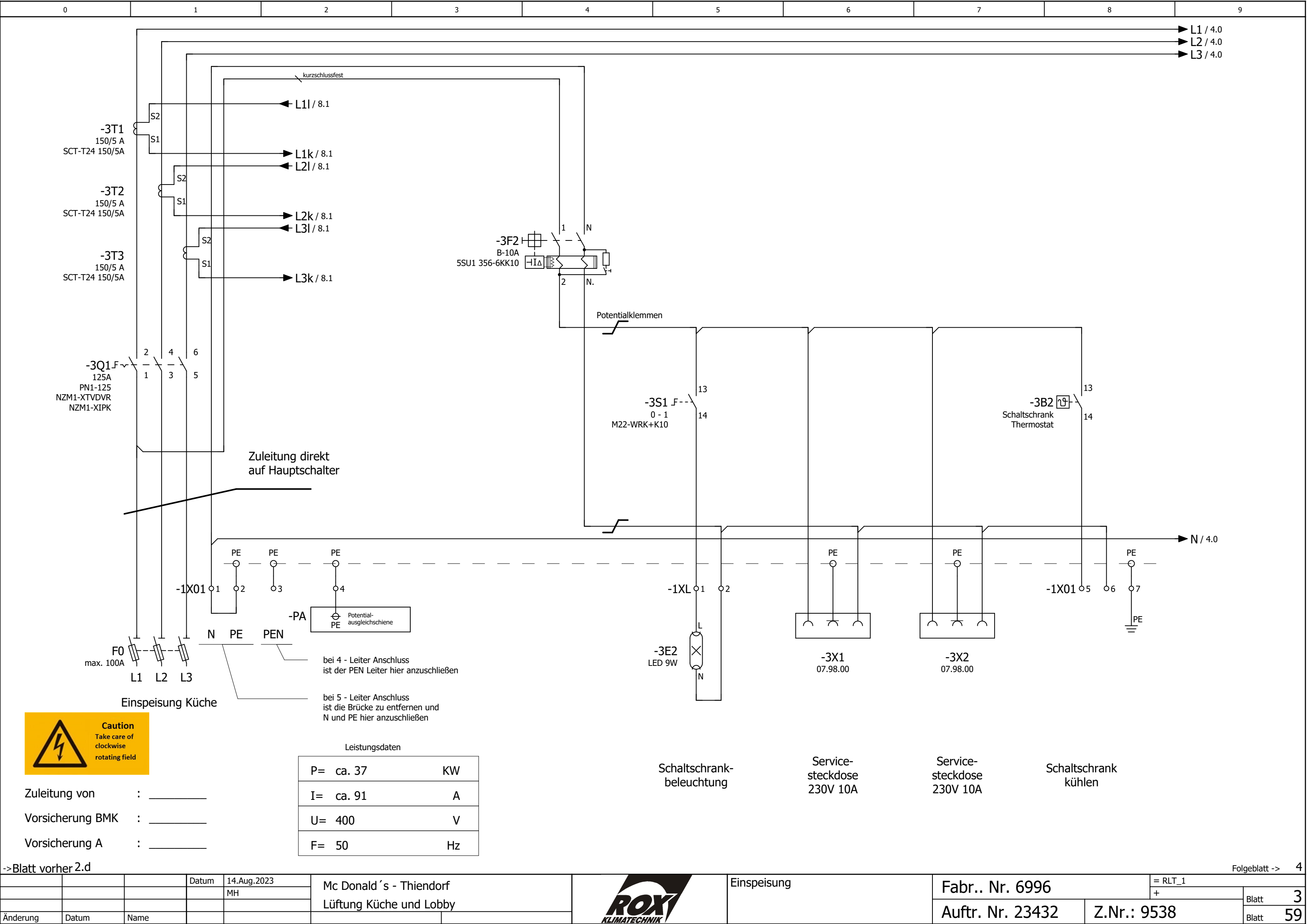
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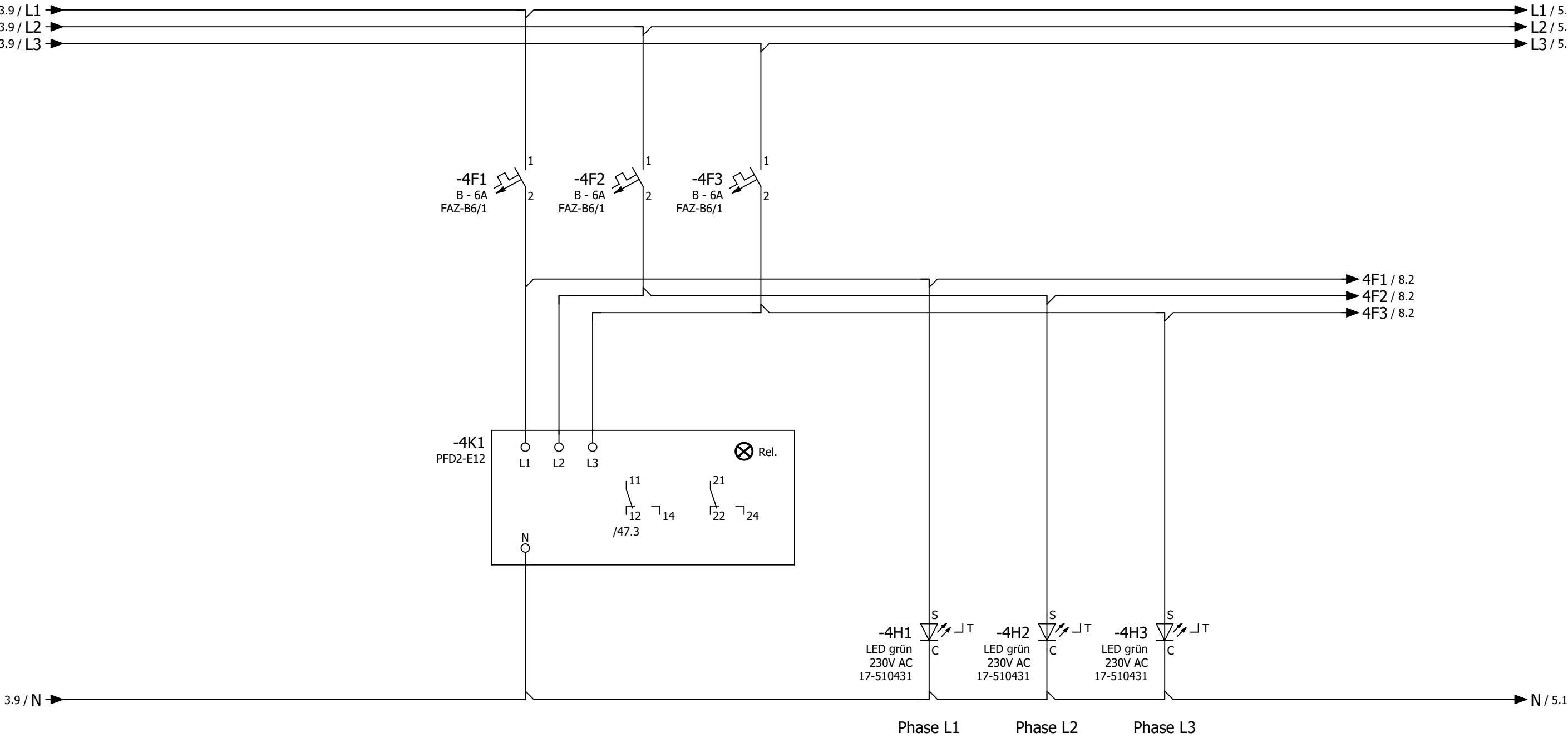
Inhaltsverzeichnis

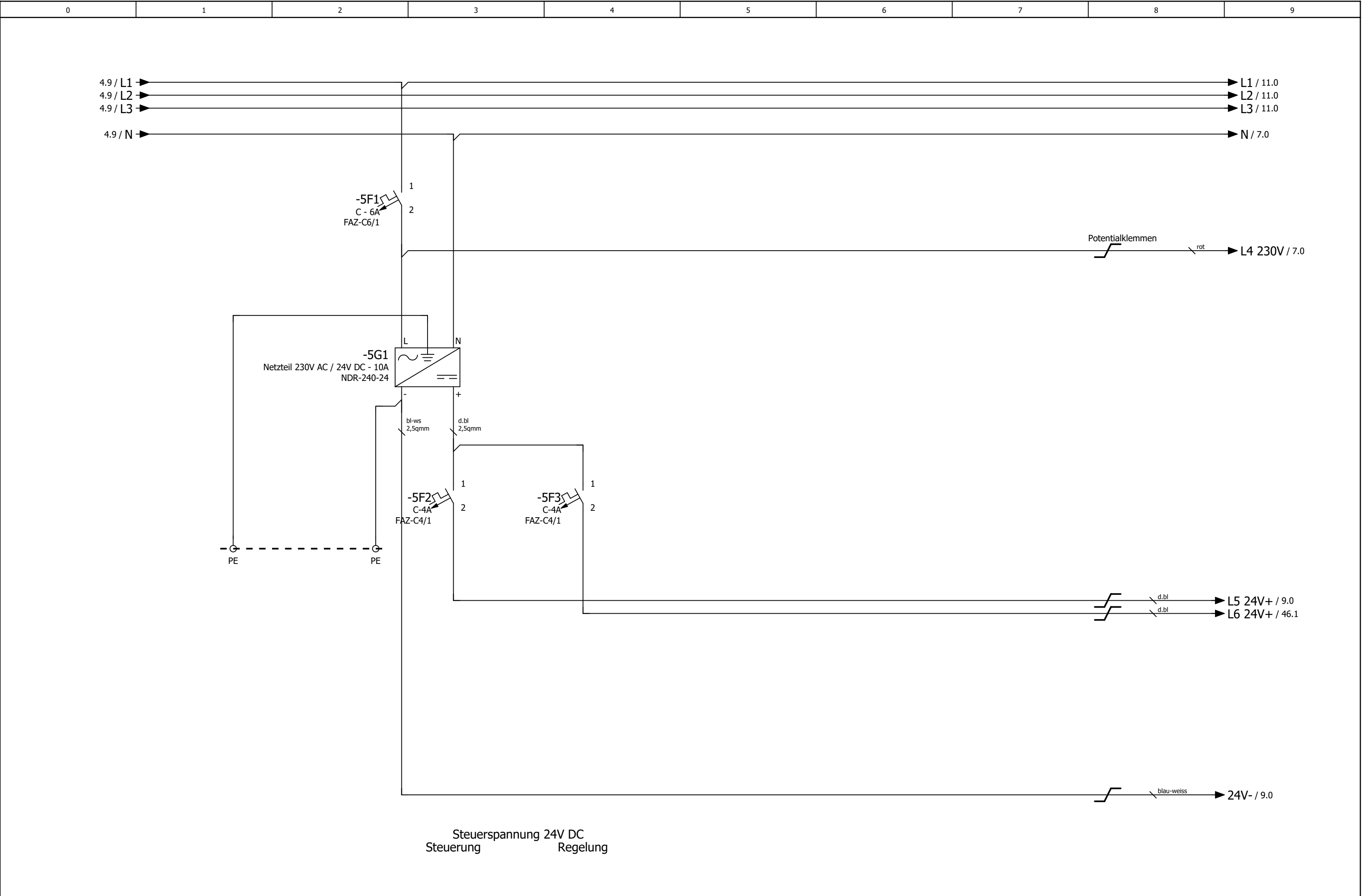
Mueller

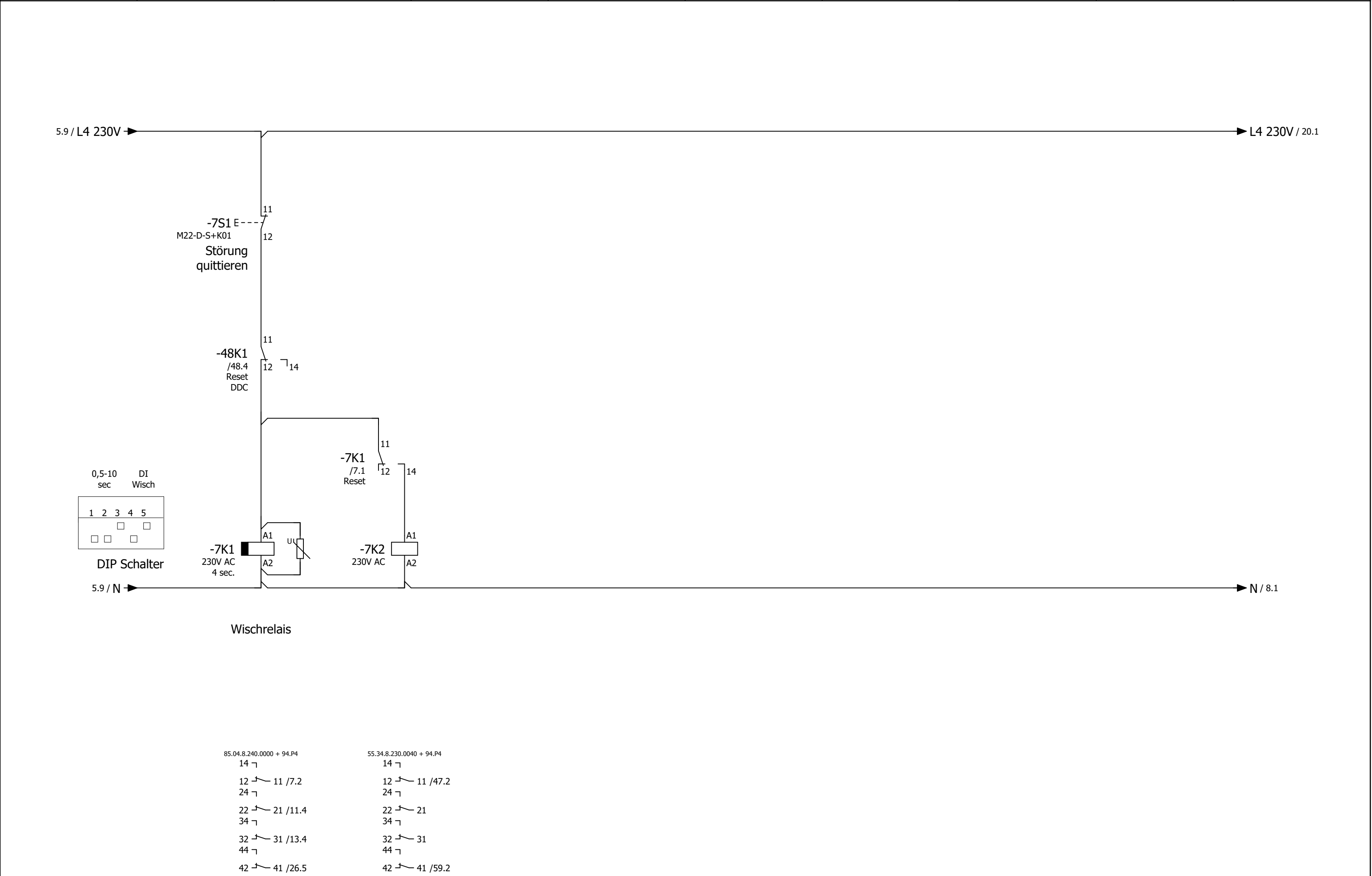
| Seite   | Seitenbenennung         | Seitenzusatzfeld | Datum       | Bearbeiter |
|---------|-------------------------|------------------|-------------|------------|
| =KLE/21 | Klemmenplan 2X1.1       |                  | 14.Aug.2023 | MH         |
| =KLE/22 | Klemmenplan 2X2         |                  | 14.Aug.2023 | MH         |
| =KLE/23 | Klemmenplan 2X3         |                  | 14.Aug.2023 | MH         |
| =KLE/24 | Klemmenplan 2X3         |                  | 14.Aug.2023 | MH         |
| =KLE/25 | Klemmenplan 2X3         |                  | 14.Aug.2023 | MH         |
| =KLE/26 | Klemmenplan 2X3.1       |                  | 14.Aug.2023 | MH         |
| =KLE/27 | Klemmenplan 2X4         |                  | 14.Aug.2023 | MH         |
| =KLE/28 | Klemmenplan 2X4         |                  | 14.Aug.2023 | MH         |
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| =STL/5  | Stückliste              |                  | 14.Aug.2023 | MH         |
| =STL/6  | Stückliste              |                  | 14.Aug.2023 | MH         |
| =STL/7  | Stückliste              |                  | 14.Aug.2023 | MH         |
| =STL/8  | Stückliste              |                  | 14.Aug.2023 | MH         |
| =STL/20 | Artikelsummenstückliste |                  | 14.Aug.2023 | MH         |

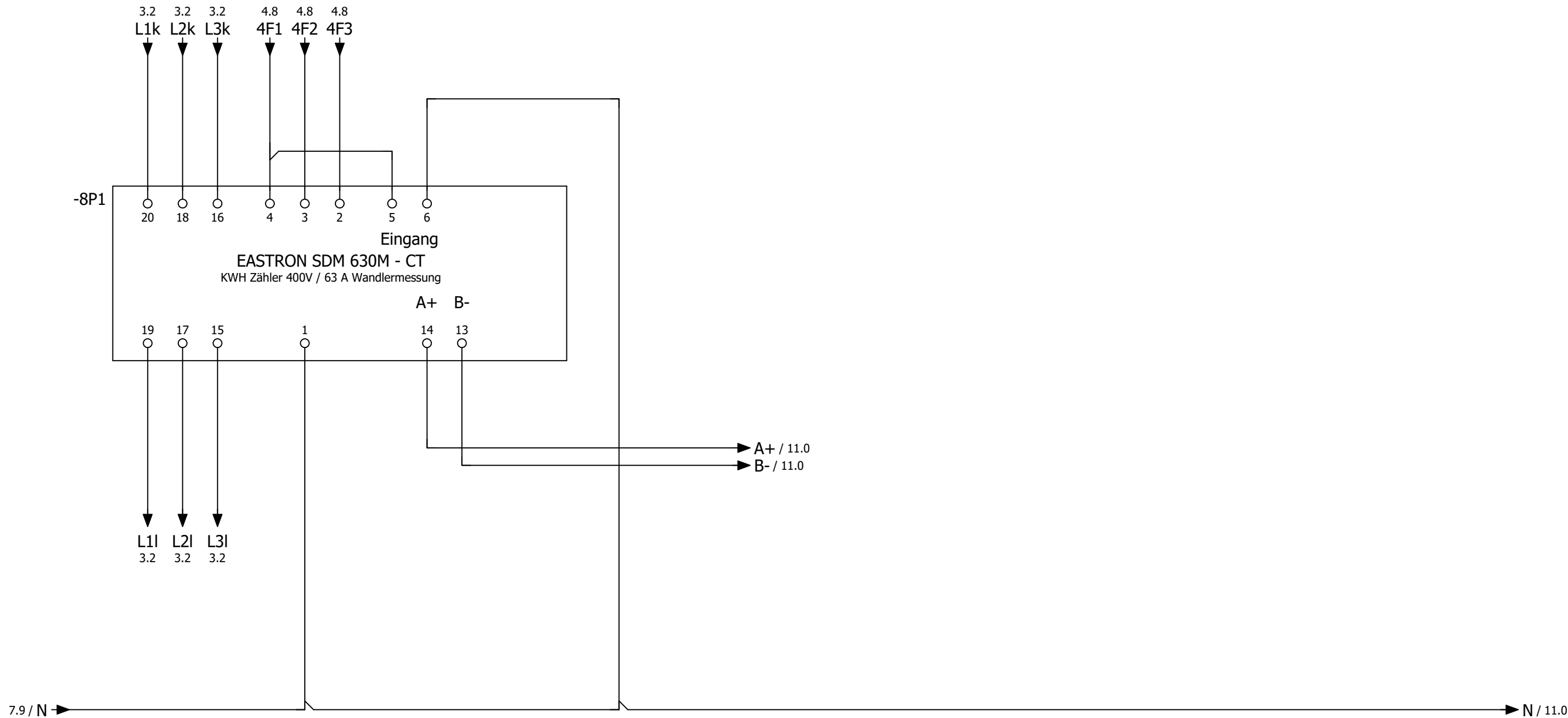






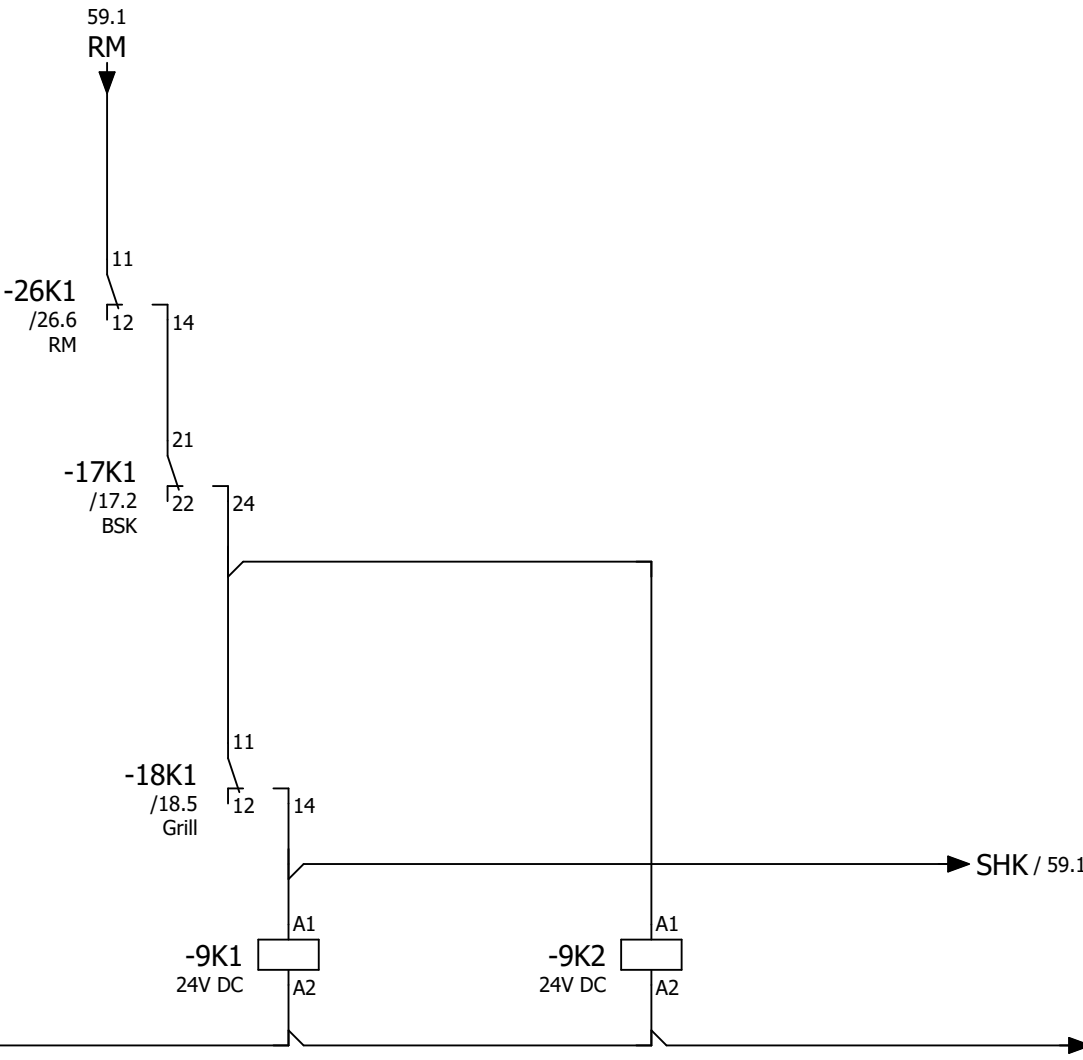






5.8 / L5 24V+ →

→ L5 24V+ / 11.0



Sicherheitskette  
Zuluft Küche  
Zuluft / Abluft Lobby

Sicherheitskette  
Abluft Küche

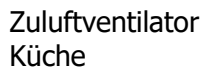
55.34.9.024.0090 + 94.P4

- 14 ↘
- 12 ↘ 11 /11.6
- 24 ↘
- 22 ↘ 21
- 34 ↘
- 32 ↘ 31
- 44 ↘
- 42 ↘ 41

55.34.9.024.0090 + 94.P4

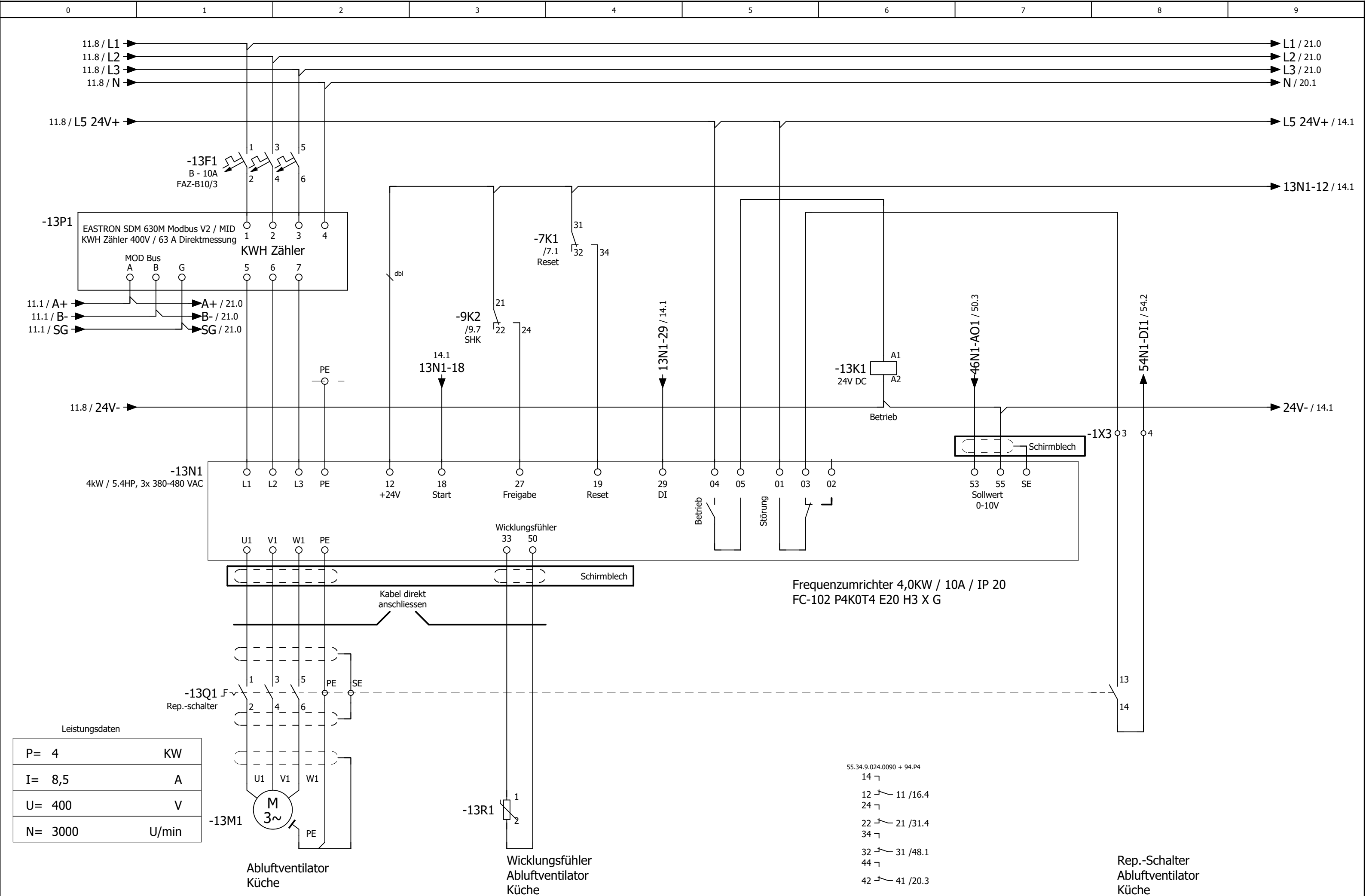
- 14 ↘
- 12 ↘ 11
- 24 ↘
- 22 ↘ 21 /13.3
- 34 ↘
- 32 ↘ 31
- 44 ↘
- 42 ↘ 41

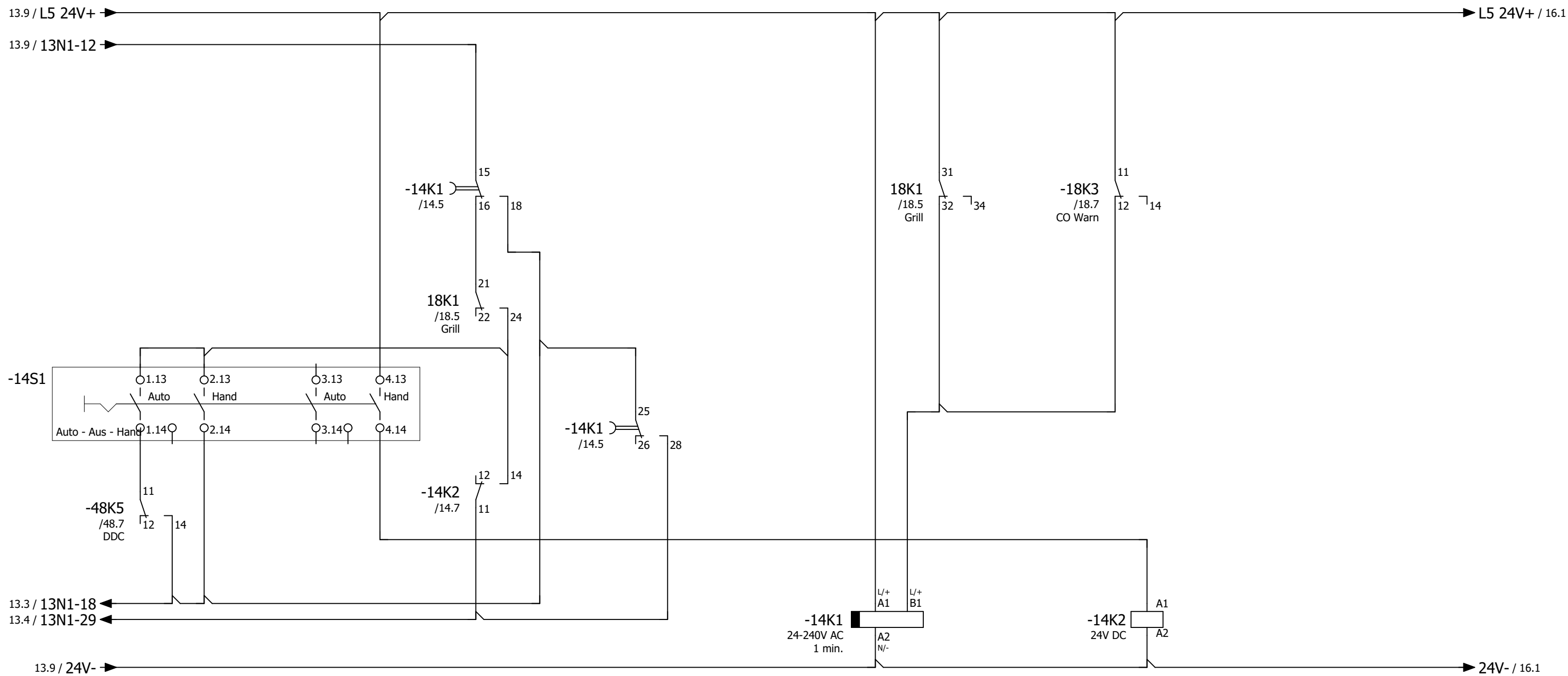
# Anlage Lüftung Küche



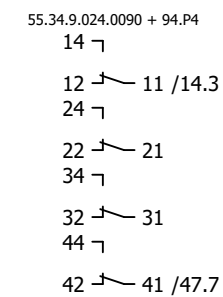
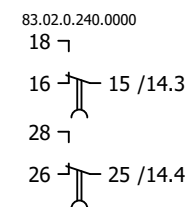
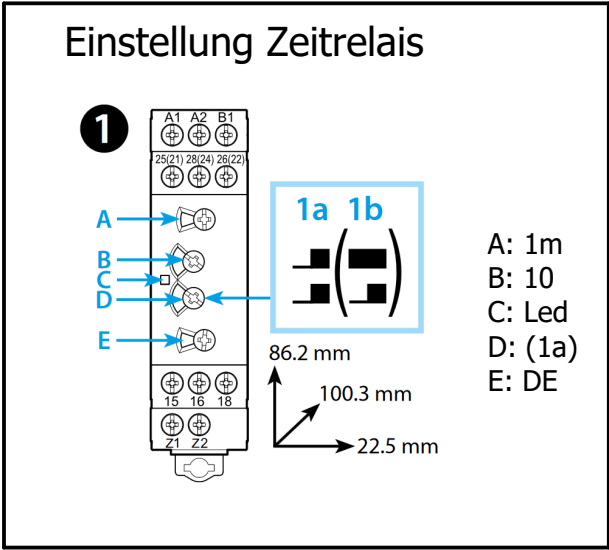
| Leistungsdaten |       |
|----------------|-------|
| P= 2,8         | KW    |
| I= 7           | A     |
| U= 400         | V     |
| N= 1900        | U/min |

Rep.-Schalter  
Zuluftventilator  
Küche



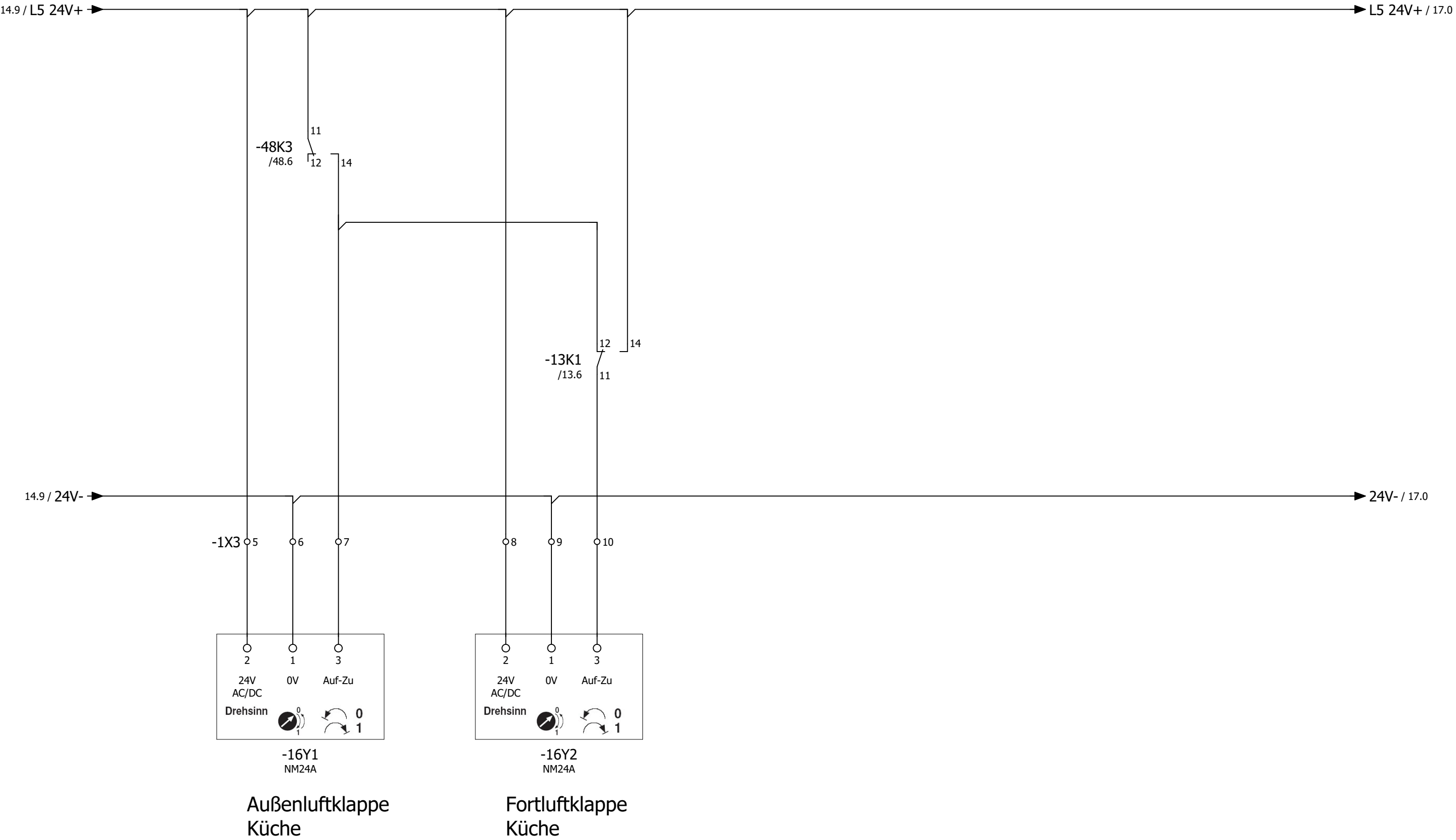


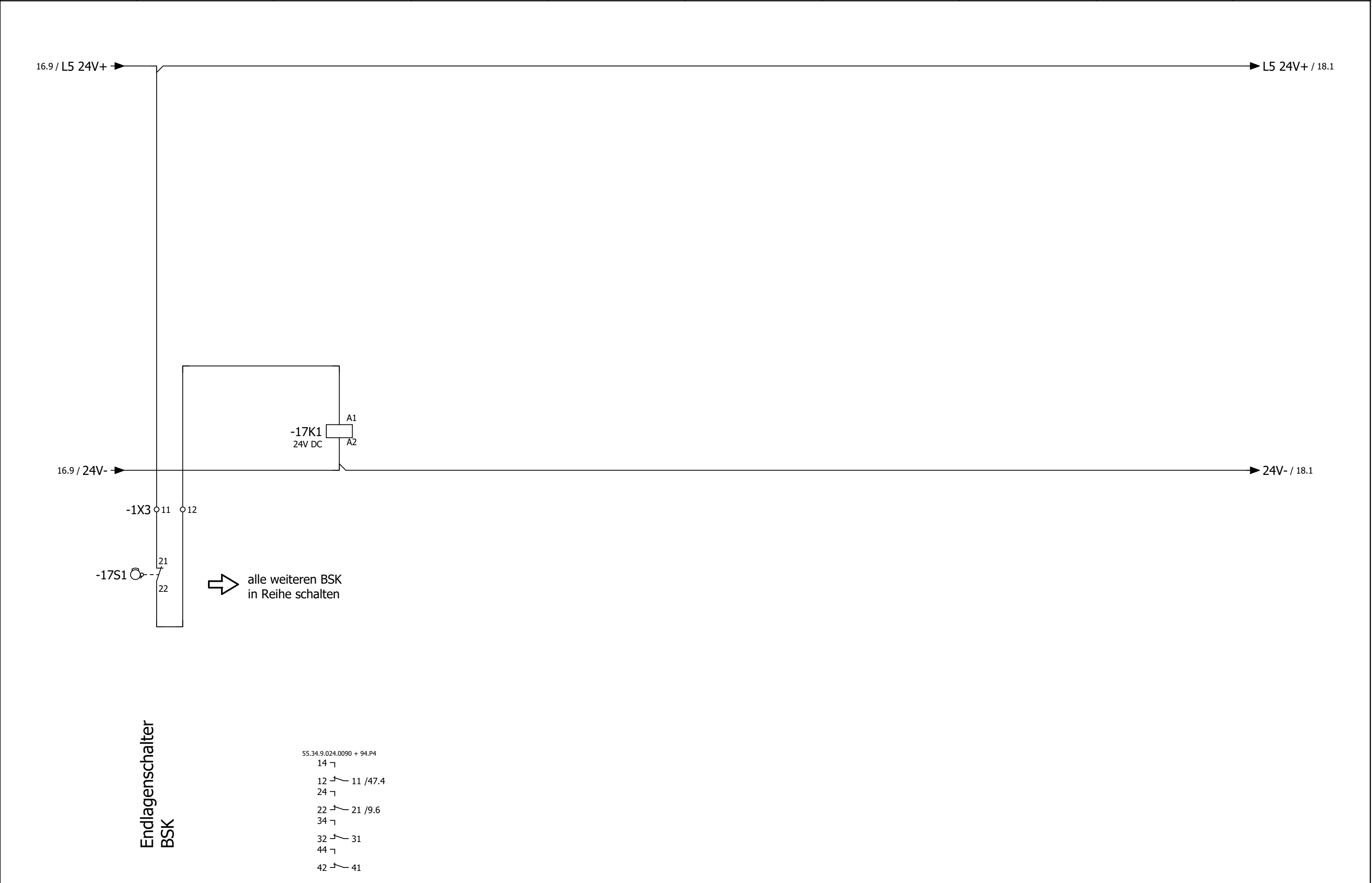
Feuerlöschung  
zwangs Ein

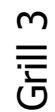


->Blatt vorher 13

Folgeblatt -> 16

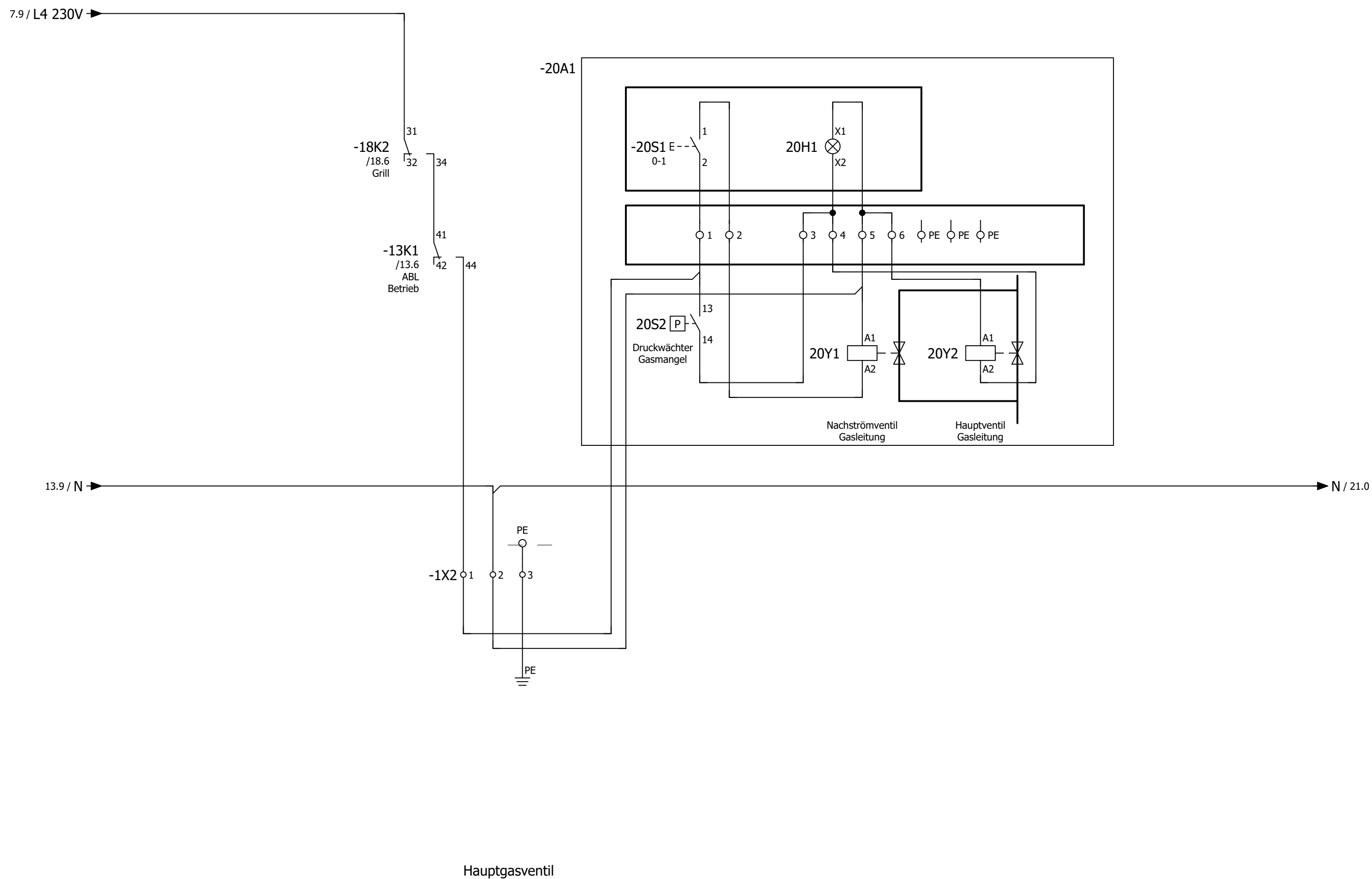




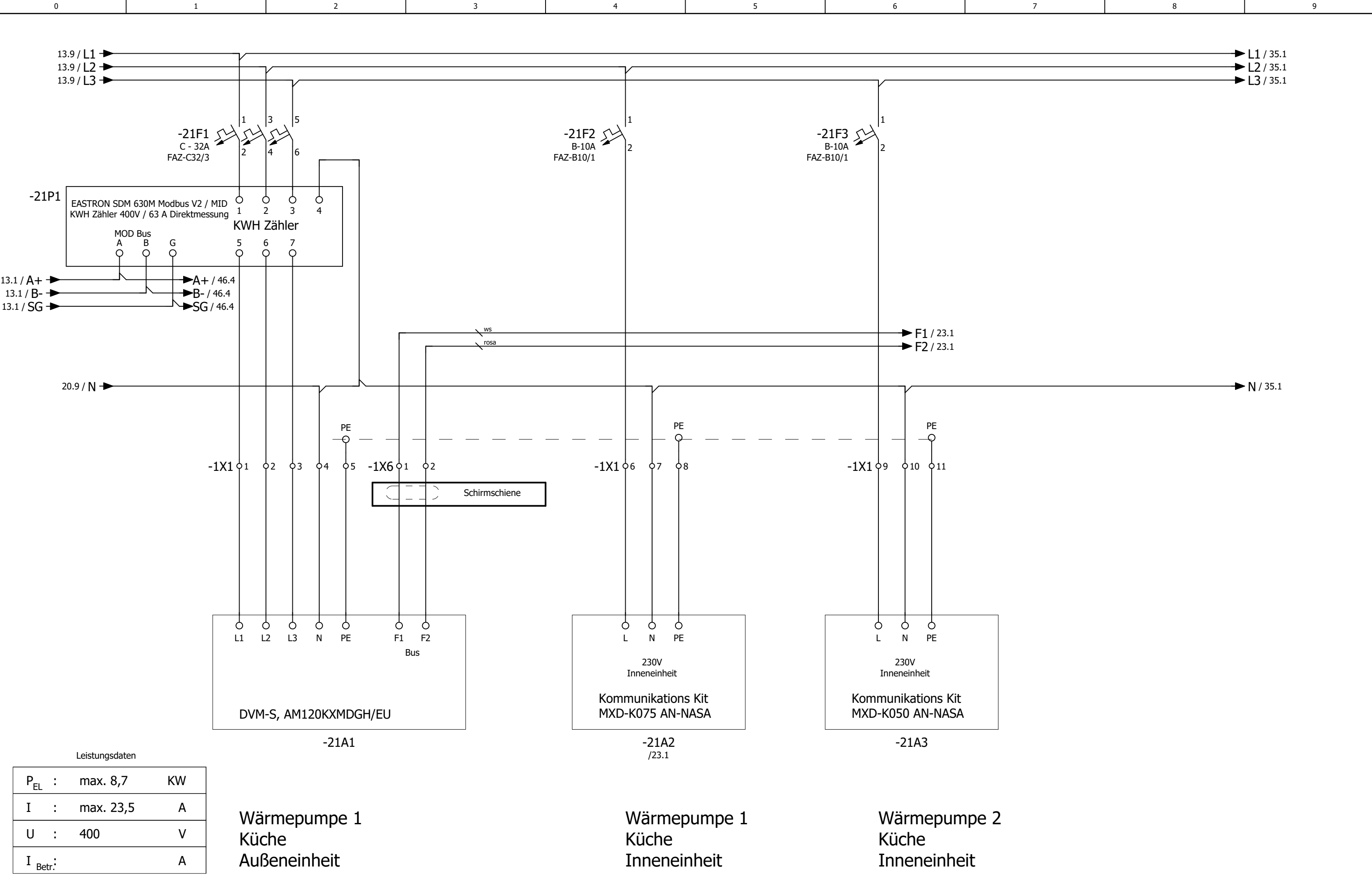


Folgeblatt -> 20

|               |       |      |       |             |                                                    |                                                                                       |                              |                  |             |         |          |          |
|---------------|-------|------|-------|-------------|----------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------|------------------|-------------|---------|----------|----------|
| Blatt vorher: |       |      | Datum | 14.Aug.2023 | Mc Donald´s - Thiendorf<br>Lüftung Küche und Lobby |  | Feuerlöschung<br>Küchenmöbel | Fabr.. Nr. 6996  |             | = RLT_1 | Blatt 18 |          |
|               |       |      |       | MH          |                                                    |                                                                                       |                              |                  |             | +       |          | Blatt 59 |
|               |       |      |       |             |                                                    |                                                                                       |                              |                  |             |         |          |          |
| Änderung      | Datum | Name |       |             |                                                    |                                                                                       |                              | Auftr. Nr. 23432 | Z.Nr.: 9538 |         |          |          |



|               |       |       |  |             |  |                                                                                       |                |                  |  |             |  |          |
|---------------|-------|-------|--|-------------|--|---------------------------------------------------------------------------------------|----------------|------------------|--|-------------|--|----------|
| Blatt Vorher: |       | Datum |  | 14.Aug.2023 |  |  | Hauptgasventil | Fabr.. Nr. 6996  |  | = RLT_1     |  |          |
|               |       |       |  | MH          |  |                                                                                       |                |                  |  | +           |  | Blatt 20 |
|               |       |       |  |             |  |                                                                                       |                |                  |  |             |  | Blatt 59 |
| Änderung      | Datum | Name  |  |             |  |                                                                                       |                | Auftr. Nr. 23432 |  | Z.Nr.: 9538 |  |          |

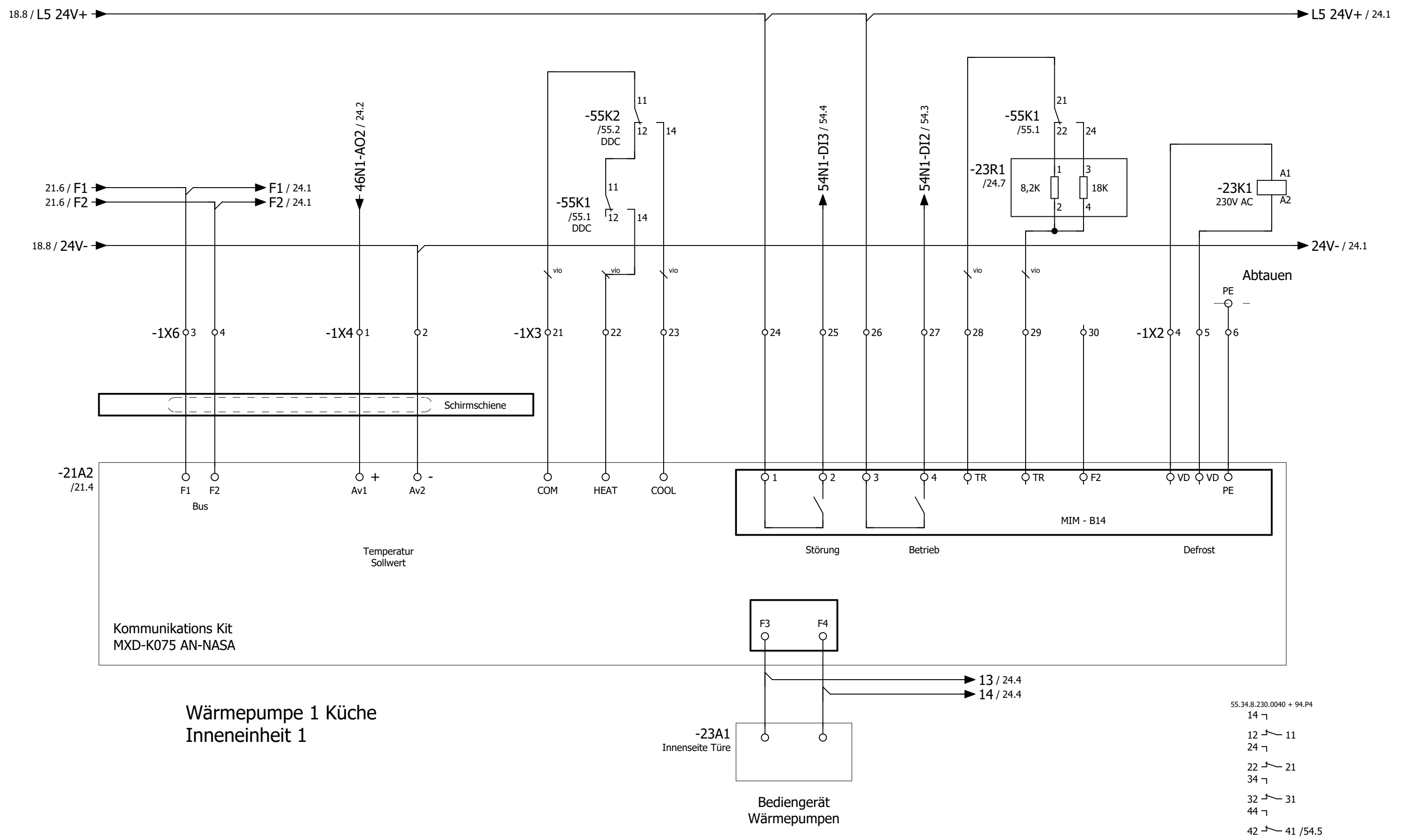


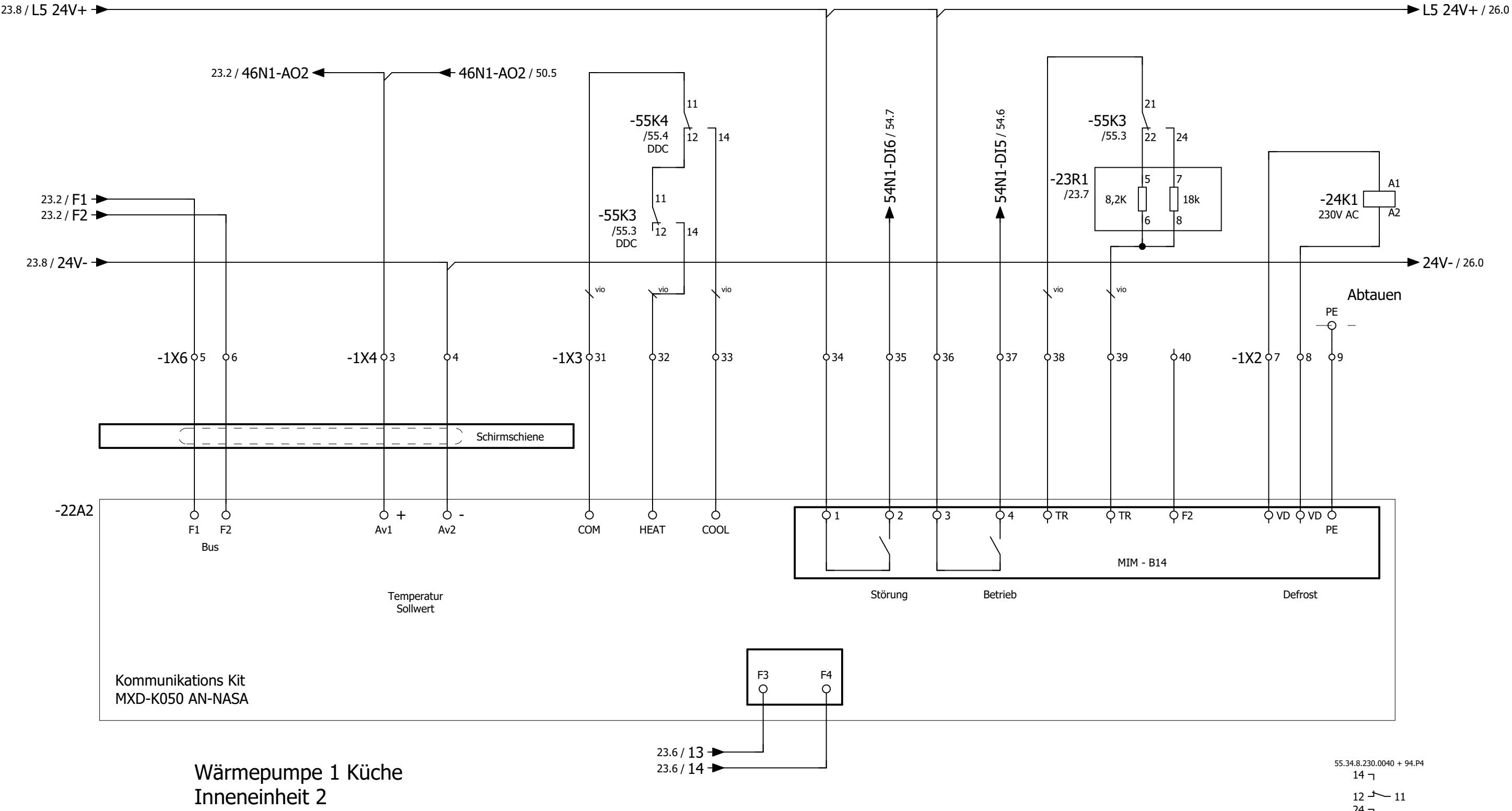
|                    |   |           |    |
|--------------------|---|-----------|----|
| Leistungsdaten     |   |           |    |
| P <sub>EL</sub>    | : | max. 8,7  | KW |
| I                  | : | max. 23,5 | A  |
| U                  | : | 400       | V  |
| I <sub>Betr.</sub> | : |           | A  |

Wärmepumpe 1  
Küche  
Außeneinheit

Wärmepumpe 1  
Küche  
Inneneinheit

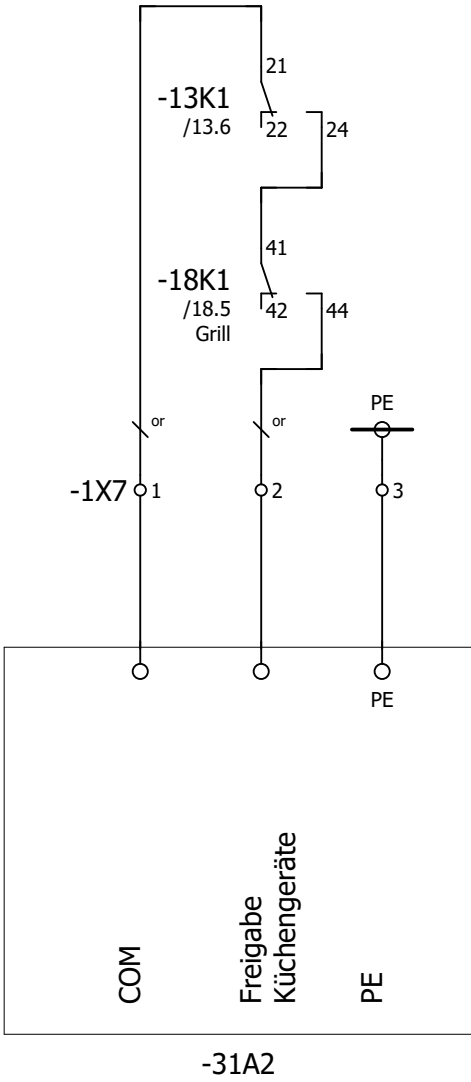
Wärmepumpe 2  
Küche  
Inneneinheit







# Anlage Allgemein



Freigabe  
Küchengeräte



# Anlage DDC



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |   |   |   |   |   |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|---|---|---|---|
| 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 | 2 | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4 | 5 | 6 | 7 | 8 | 9 |
| <div>=RLT_2-91N1<br/>=RLT_2/91.0</div> <div>Digital Ein / Ausgangsmodul 8 x DI / 8 x DO<br/>DS-C-DI8 DO8T</div> <div><div><div>DI0</div><div>○</div><div>=RLT_2/91.1</div></div><div>Zuluftventilator Lobby Störung/Rep.-Schalter</div></div> <div><div><div>DI1</div><div>○</div><div>=RLT_2/91.2</div></div><div>Abluftventilator Lobby Störung/Rep.-Schalter</div></div> <div><div><div>DI2</div><div>○</div><div>=RLT_2/91.3</div></div><div>Wärmepumpe 1 Lobby Betrieb</div></div> <div><div><div>DI3</div><div>○</div><div>=RLT_2/91.4</div></div><div>Wärmepumpe 1 Lobby Störung</div></div> <div><div><div>DI4</div><div>○</div><div>=RLT_2/91.5</div></div><div>Wärmepumpe 1 + 2 Lobby Abtauen</div></div> <div><div><div>DI5</div><div>○</div><div>=RLT_2/91.6</div></div><div>Rauchmelder Lobby</div></div> <div><div><div>DI6</div><div>○</div><div>=RLT_2/91.7</div></div><div>Wärmepumpe 2 Lobby Betrieb</div></div> <div><div><div>DI7</div><div>○</div><div>=RLT_2/91.8</div></div><div>Wärmepumpe 2 Lobby Störung</div></div> <div><div><div>DO0</div><div>○</div><div>=RLT_2/92.1</div></div><div>Klappen Lobby</div></div> <div><div><div>DO1</div><div>○</div><div>=RLT_2/92.2</div></div><div>Wärmepumpe 1 heizen Lobby</div></div> <div><div><div>DO2</div><div>○</div><div>=RLT_2/92.3</div></div><div>Wärmepumpe 1 kühlen Lobby</div></div> <div><div><div>DO3</div><div>○</div><div>=RLT_2/92.4</div></div><div>Wärmepumpe 2 heizen Lobby</div></div> <div><div><div>DO4</div><div>○</div><div>=RLT_2/92.5</div></div><div>Wärmepumpe 2 kühlen Lobby</div></div> <div><div><div>DO5</div><div>○</div><div>=RLT_2/92.6</div></div><div>Reserve</div></div> <div><div><div>DO6</div><div>○</div><div>=RLT_2/92.6</div></div><div>Reserve</div></div> <div><div><div>DO7</div><div>○</div><div>=RLT_2/92.7</div></div><div>Reserve</div></div> |   |   | <div>=RLT_2-94N1<br/>=RLT_2/94.0</div> <div>Analog Ein / Ausgangsmodul 8 x AI / 4 x AO<br/>DS-C-AI8AO4</div> <div><div>8 analoge Eingänge</div><div><div><div>aktiv/passiv</div><div>AI0</div><div>○</div><div>=RLT_2/94.1</div></div><div>Differenzdrucksensor Zuluft Lobby</div></div><div><div><div>aktiv/passiv</div><div>AI1</div><div>○</div><div>=RLT_2/94.2</div></div><div>Differenzdrucksensor Abluft Lobby</div></div><div><div><div>aktiv/passiv</div><div>AI2</div><div>○</div><div>=RLT_2/94.3</div></div><div>Differenzdrucksensor PWT Lobby</div></div><div><div><div>passiv</div><div>AI3</div><div>○</div><div>=RLT_2/94.4</div></div><div>Zulufttemperaturfühler hinter PWT Lobby</div></div><div><div><div>passiv</div><div>AI4</div><div>○</div><div>=RLT_2/94.5</div></div><div>Zulufttemperaturfühler Gesamt Lobby</div></div><div><div><div>aktiv/passiv</div><div>AI5</div><div>○</div><div>=RLT_2/94.6</div></div><div>Ablufttemperatur Lobby</div></div><div><div><div>aktiv/passiv</div><div>AI6</div><div>○</div><div>=RLT_2/94.7</div></div><div>Differenzdrucksensor Außenluftfilter Lobby</div></div><div><div><div>aktiv/passiv</div><div>AI7</div><div>○</div><div>=RLT_2/94.8</div></div><div>Differenzdrucksensor Abluftfilter Lobby</div></div></div> <div><div>4 analoge Ausgänge<br/>0...10V</div><div><div><div>AO0</div><div>○</div><div>=RLT_2/95.1</div></div><div>Zuluftventilator Lobby</div></div><div><div><div>AO1</div><div>○</div><div>=RLT_2/95.3</div></div><div>Abluftventilator Lobby</div></div><div><div><div>AO2</div><div>○</div><div>=RLT_2/95.5</div></div><div>Sollwert Wärmepumpen Lobby</div></div><div><div><div>AO3</div><div>○</div><div>=RLT_2/95.7</div></div><div>Stellantrieb PWT Lobby</div></div></div> |   |   |   |   |   |   |

Datum

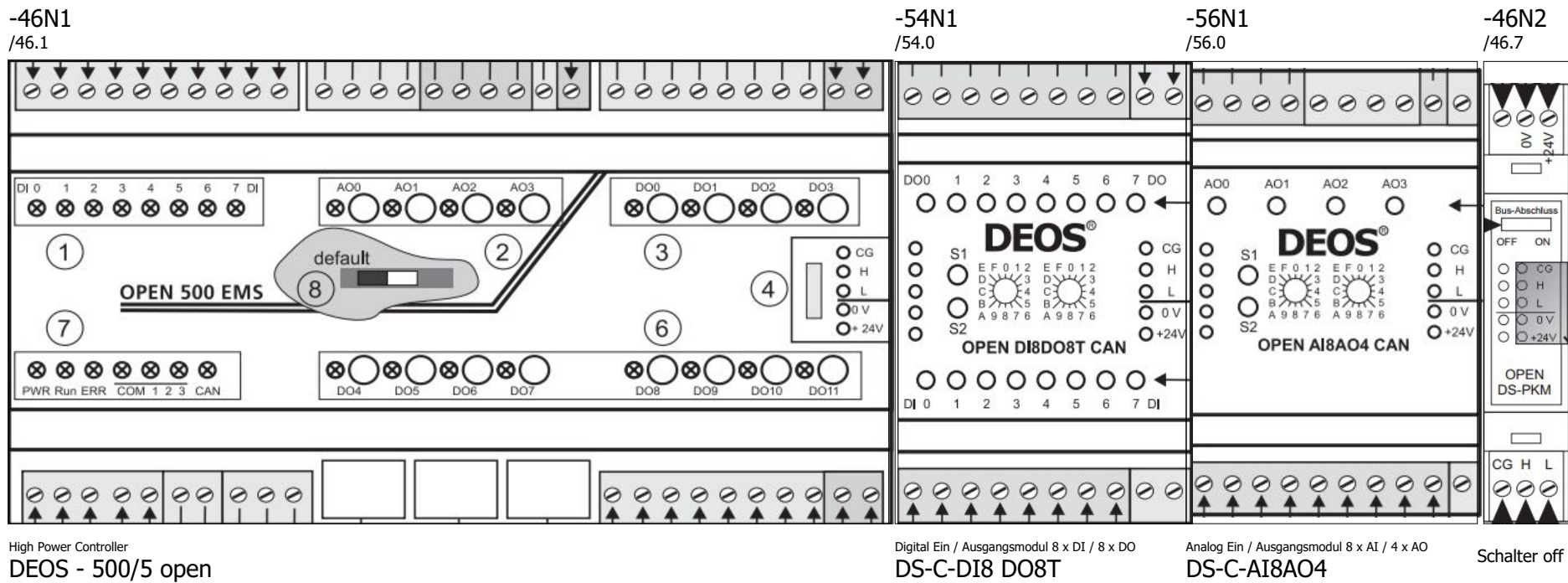
14.Aug.2023

Mc Donald´s - Thiendorf

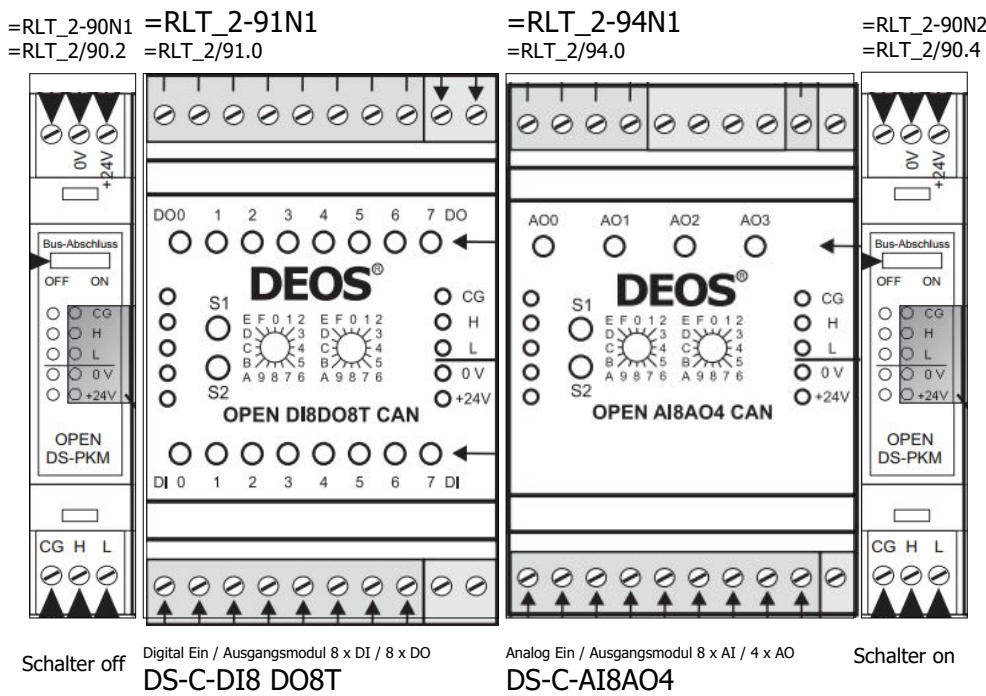
MH

Lüftung Küche und Lobby

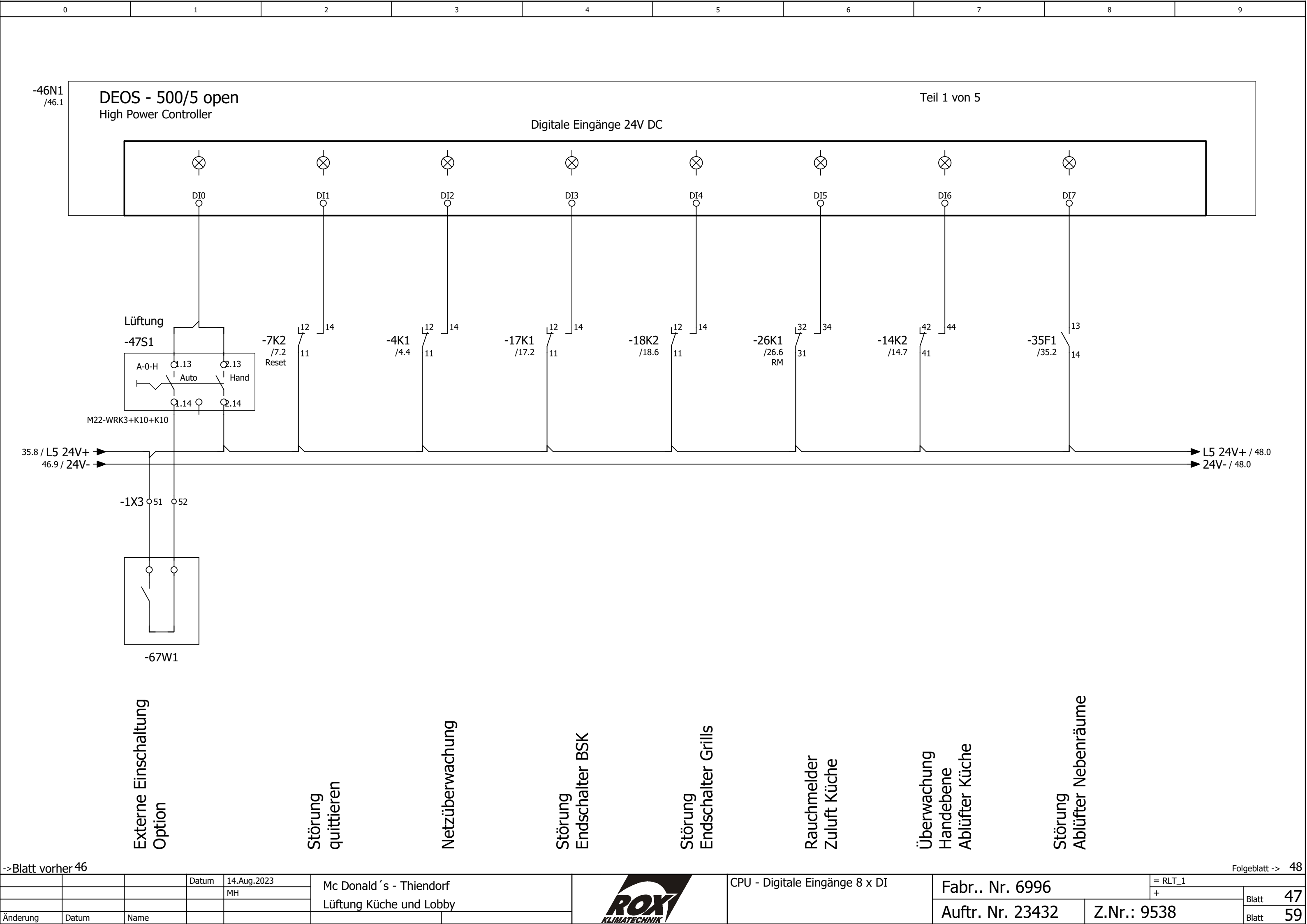
# ISP 1 - Küche



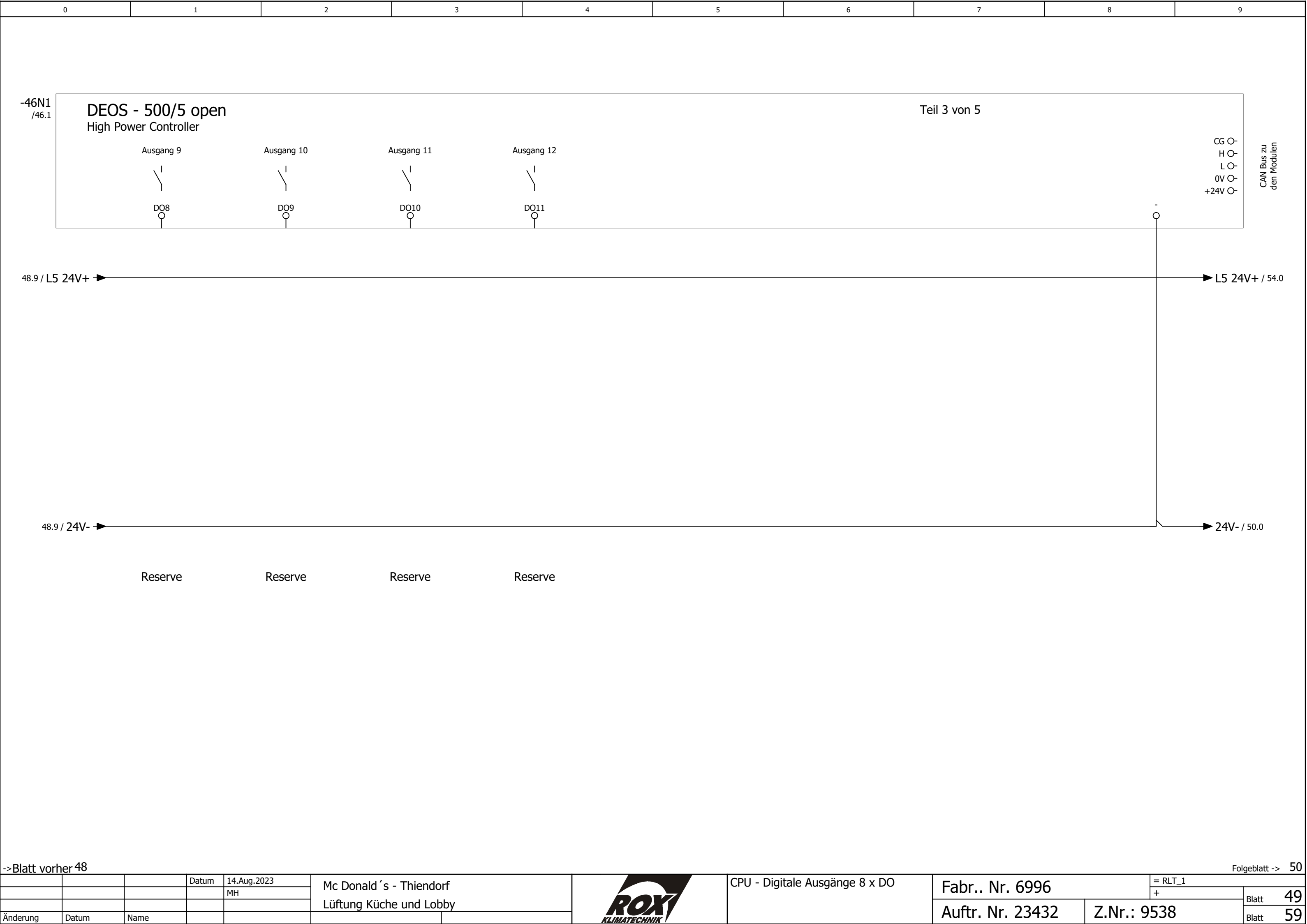
# ISP 2 - Lobby

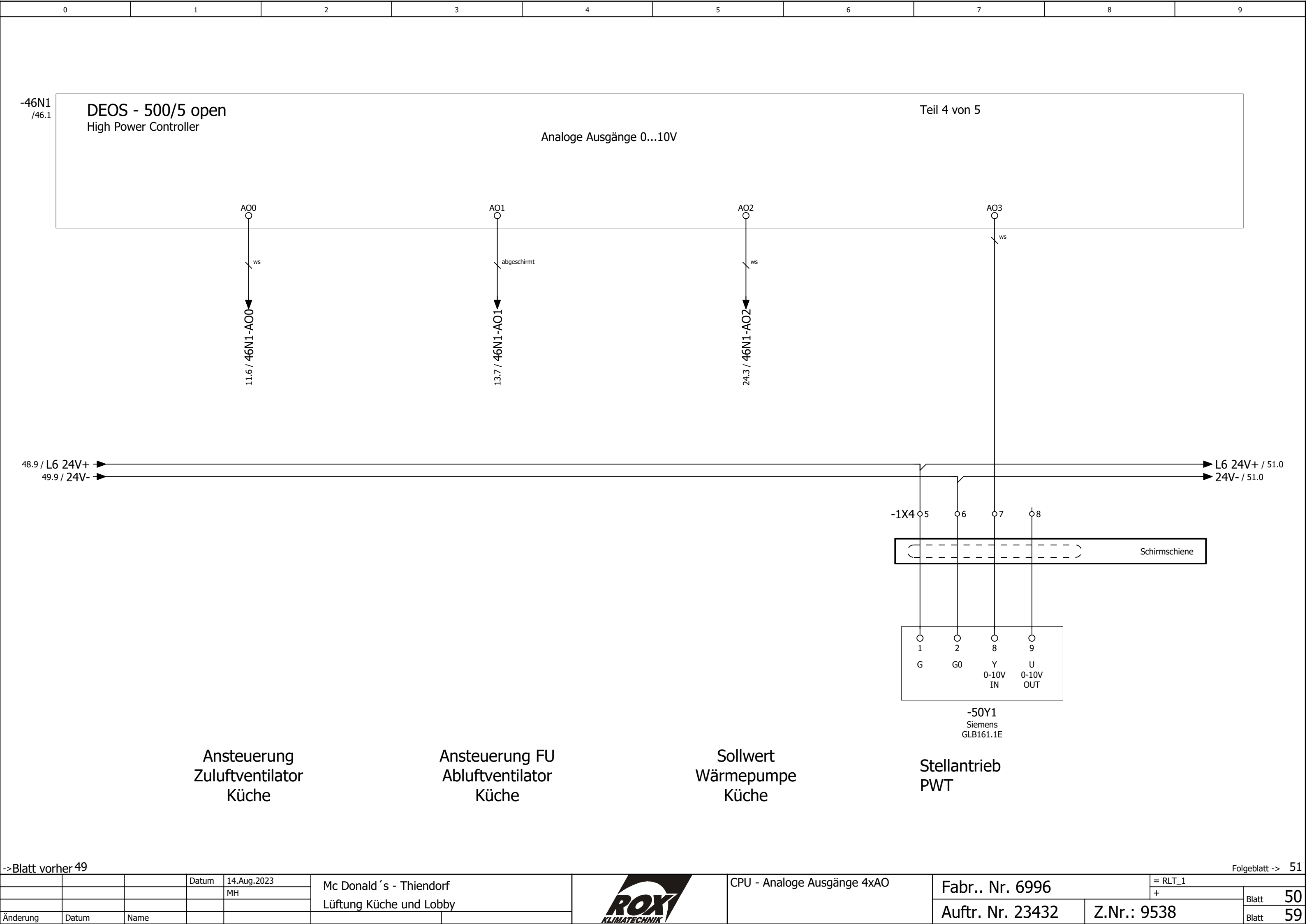












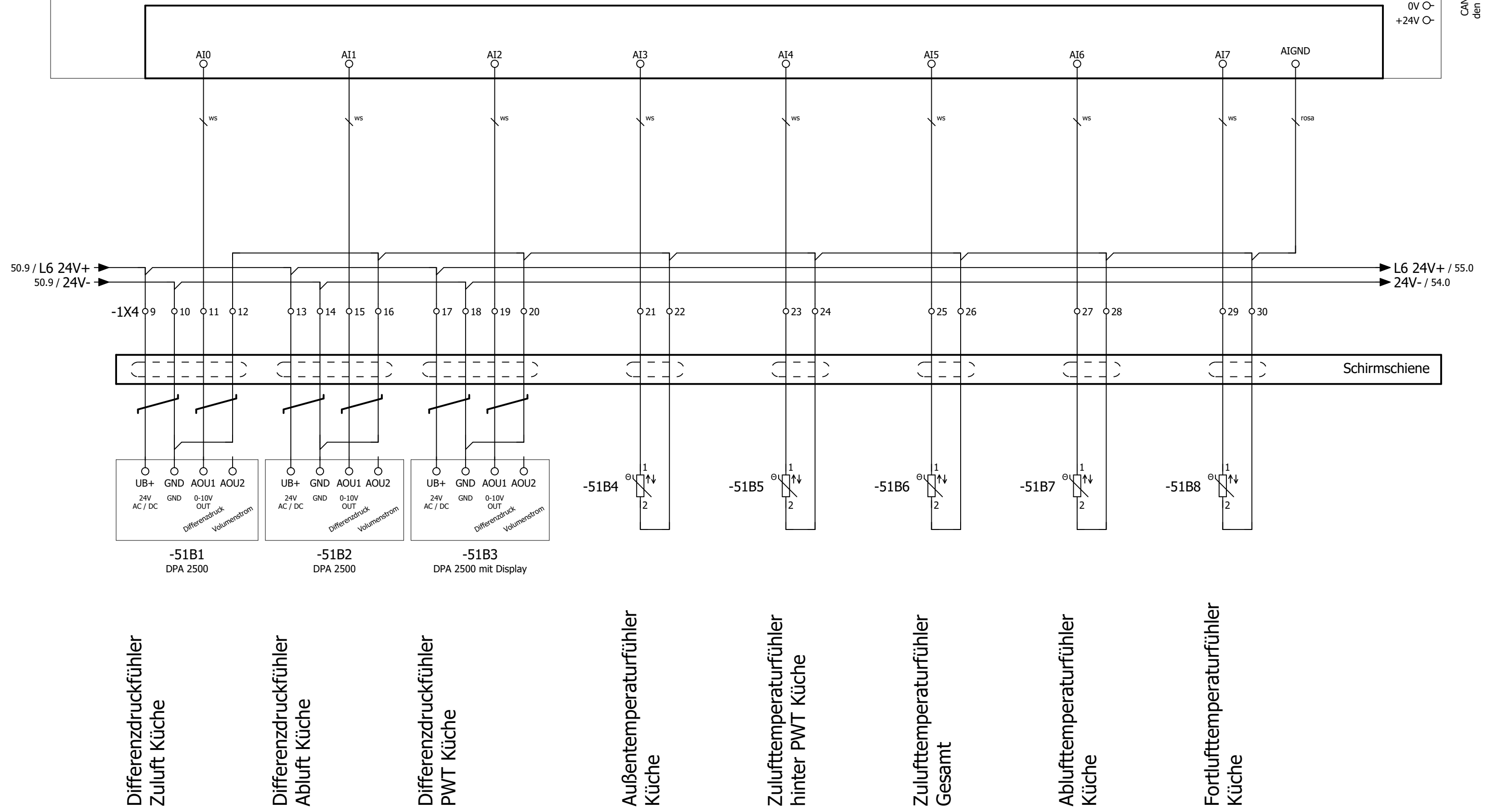
DEOS - 500/5 open  
High Power Controller

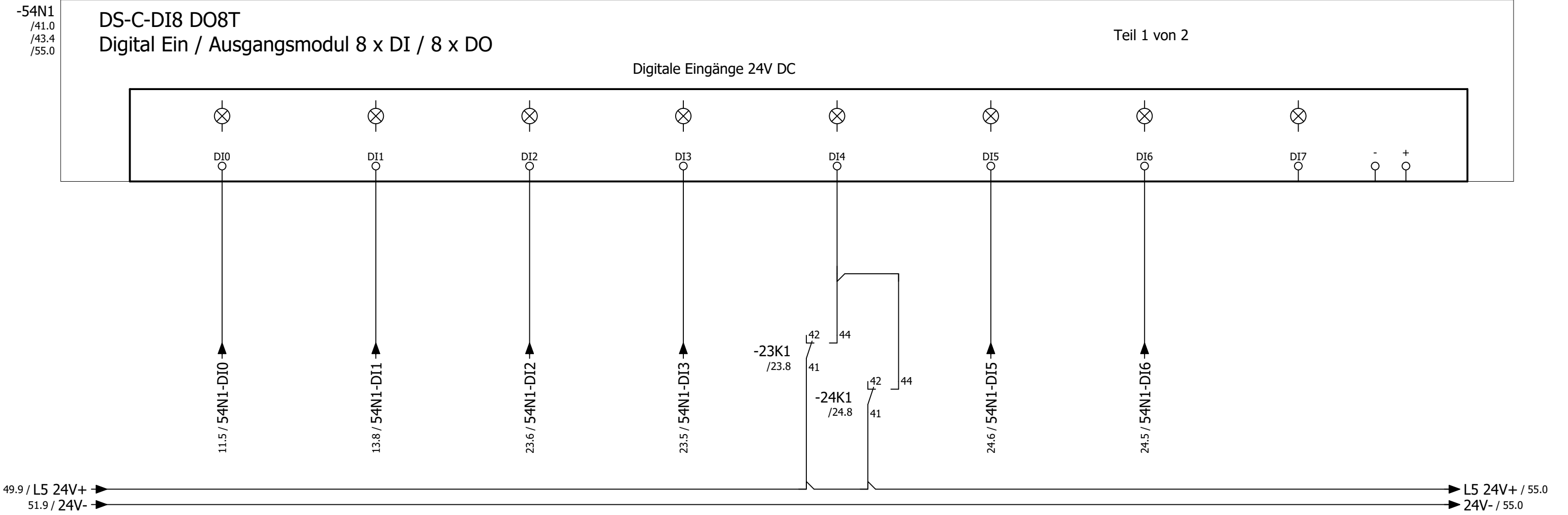
Teil 5 von 5

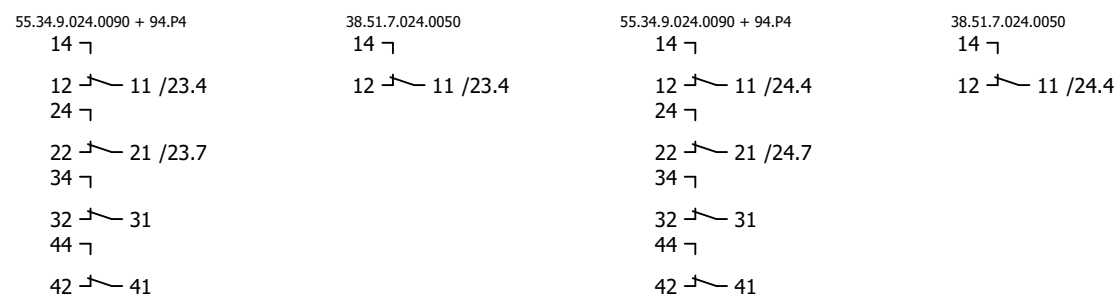
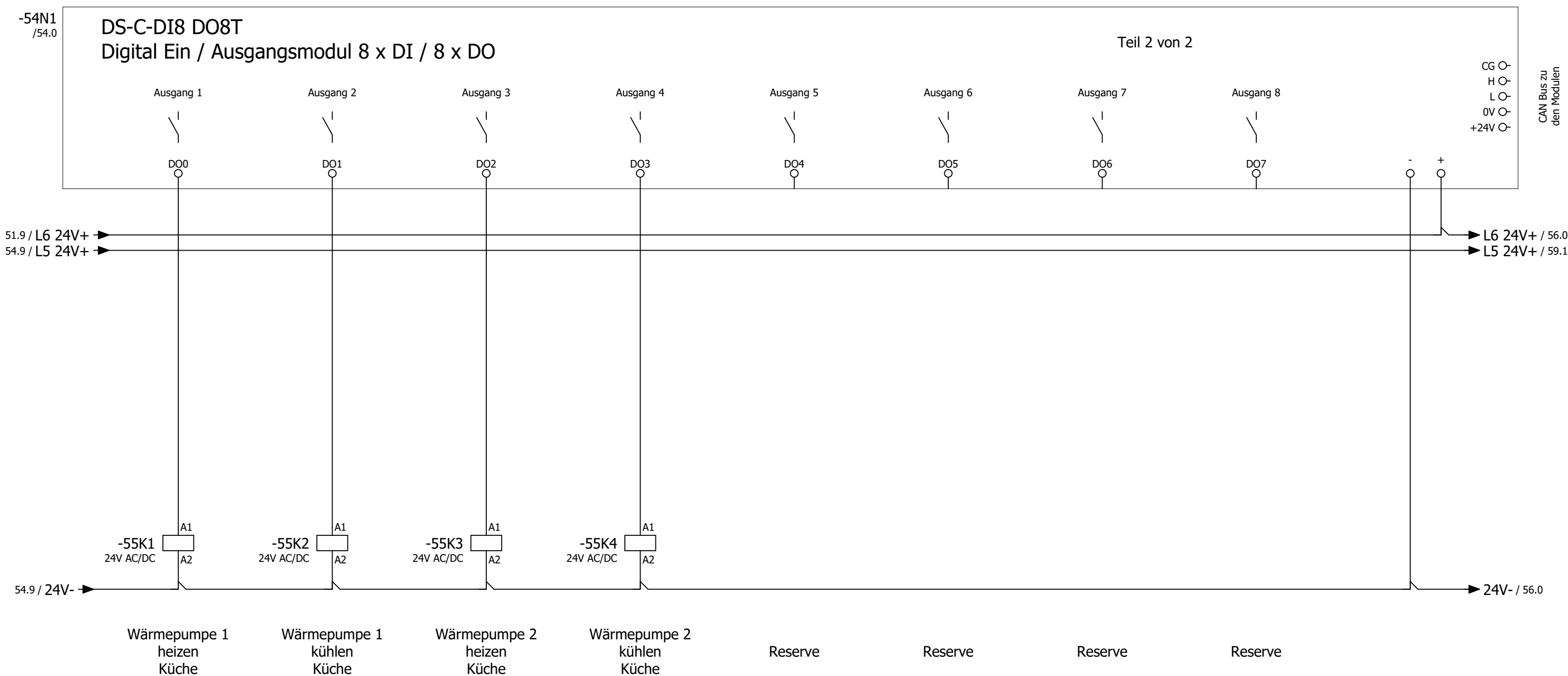
## Universelle Analoge Eingänge

CG ○  
H ○  
L ○  
0V ○  
+24V ○

## CAN Bus zu den Modulen





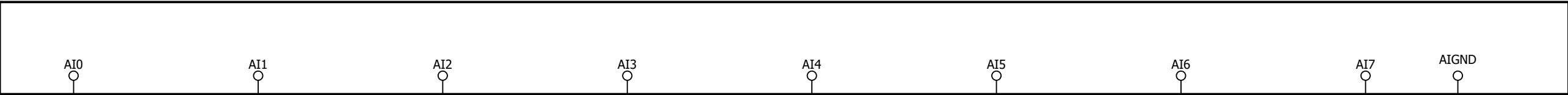


-56N1  
/41.3  
/43.5  
/57.0

DS-C-AI8AO4  
Analog Ein / Ausgangsmodul 8 x AI / 4 x AO

Teil 1 von 2

Universelle Analoge Eingänge



55.9 / L6 24V+ → L6 24V+ / 57.0  
55.9 / 24V- → 24V- / 57.0

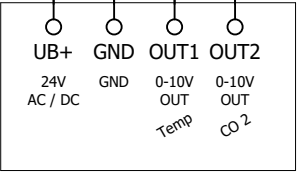
-1X4 31 32 33 34 35

36 37 38 39

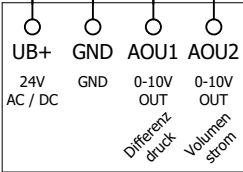
40 41 42 43

44 45 46 47

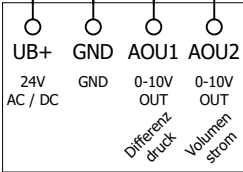
Schirmschiene



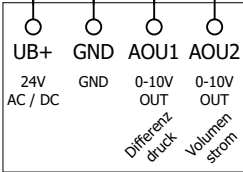
-56B1  
CO 2 / Temp



-56B2  
DPA2500 mit Display



-56B3  
DPA2500 mit Display



-56B4  
DPA2500 mit Display

Raumfühler  
CO 2 / Temperatur  
Lobby

Differenzdrucksensor  
Außenluftfilter Küche

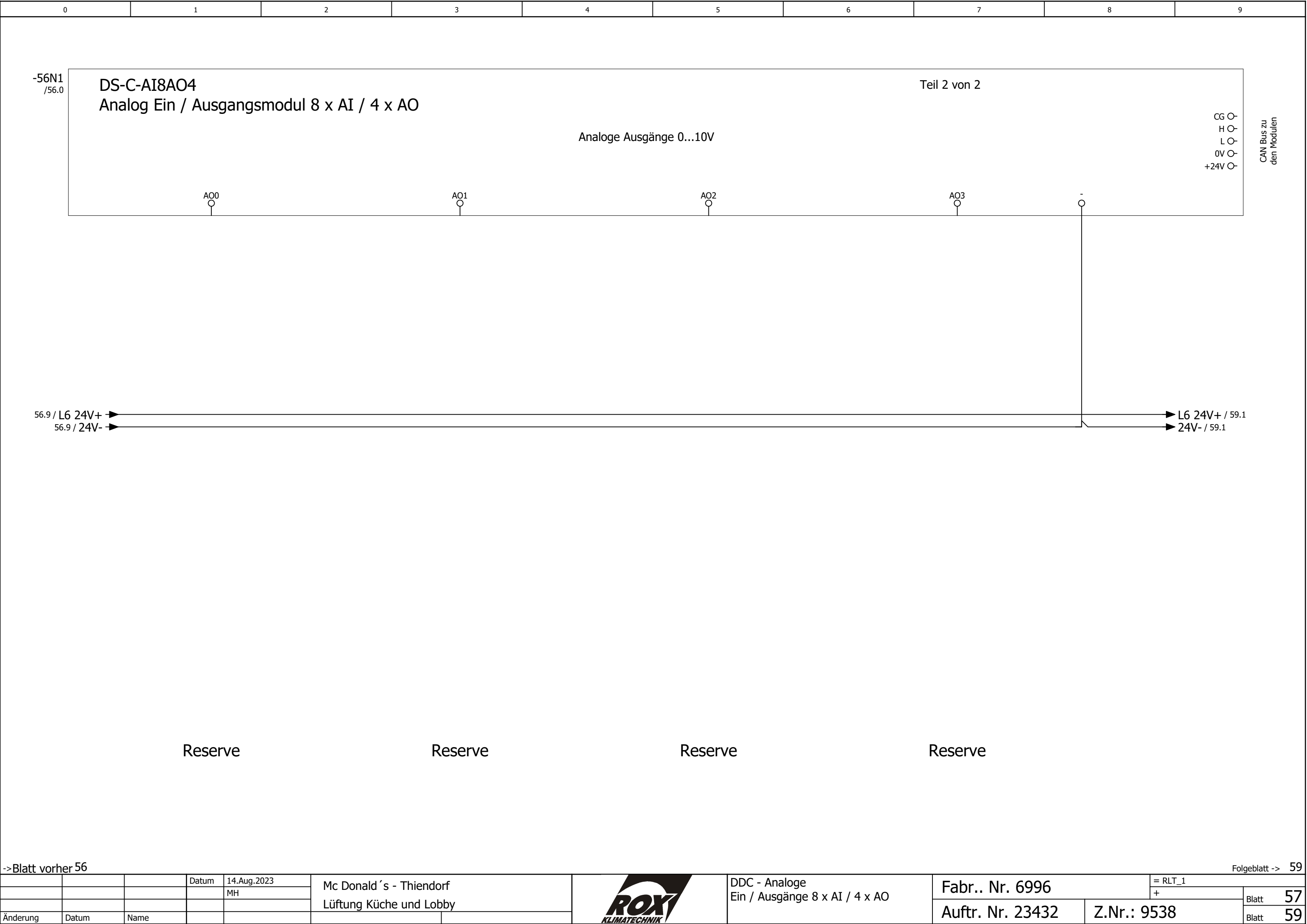
Differenzdrucksensor  
Zuluftfilter Küche

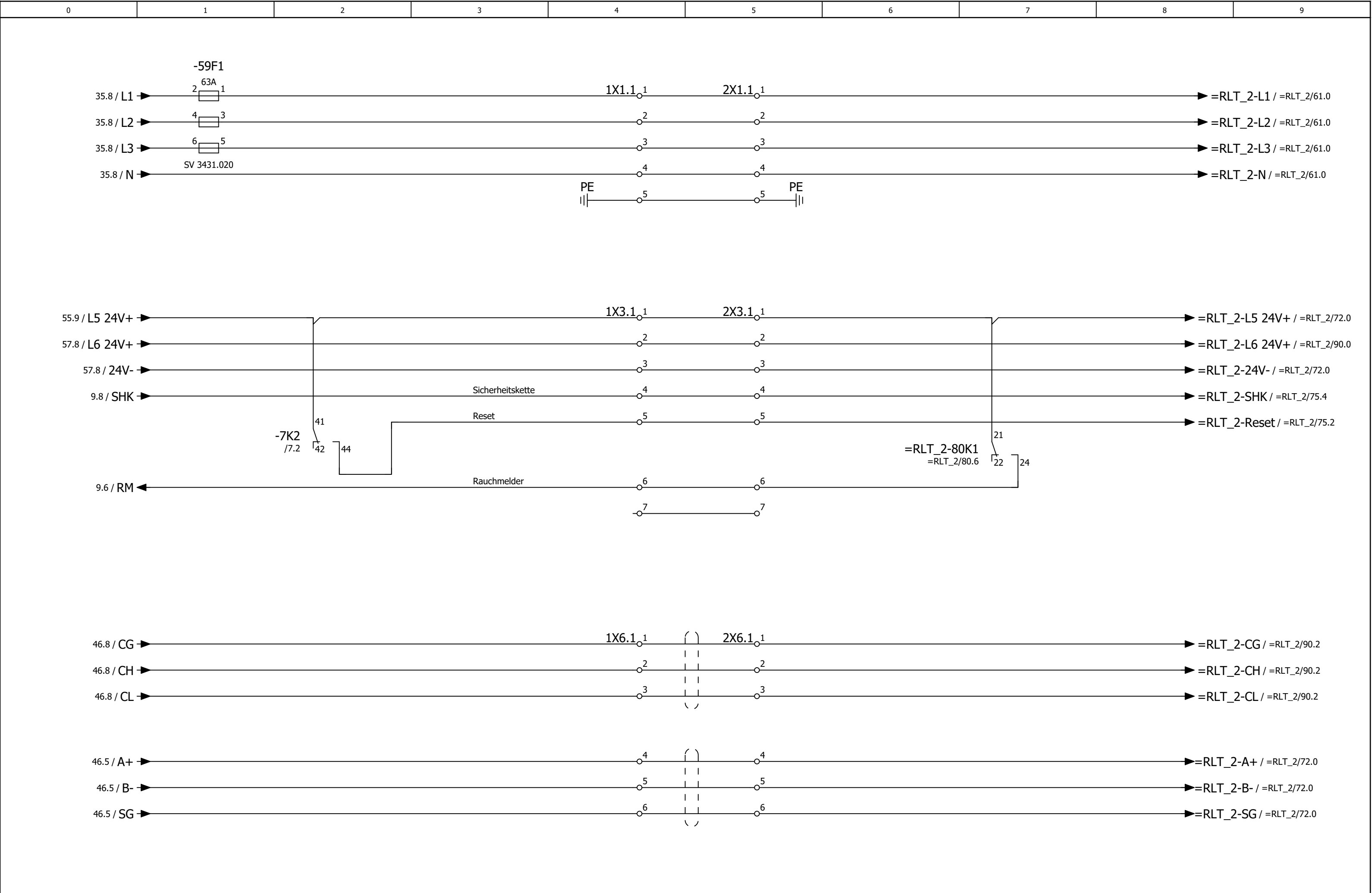
Differenzdrucksensor  
Abluftfilter Küche

Reserve

Reserve

Reserve



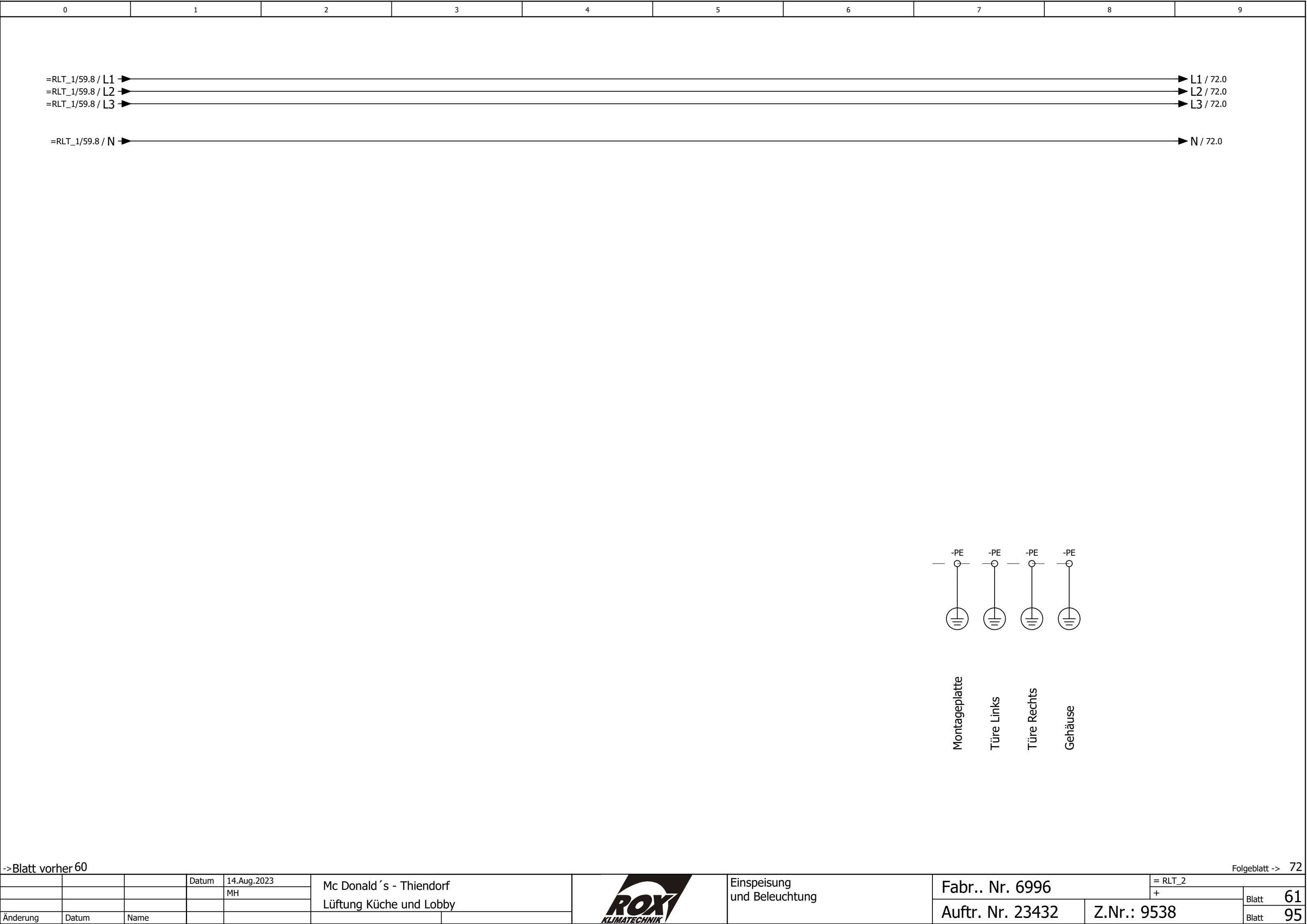


# Anlage Lüftung Lobby

->Blatt vorher =RLT\_1/59

Folgeblatt -> 61

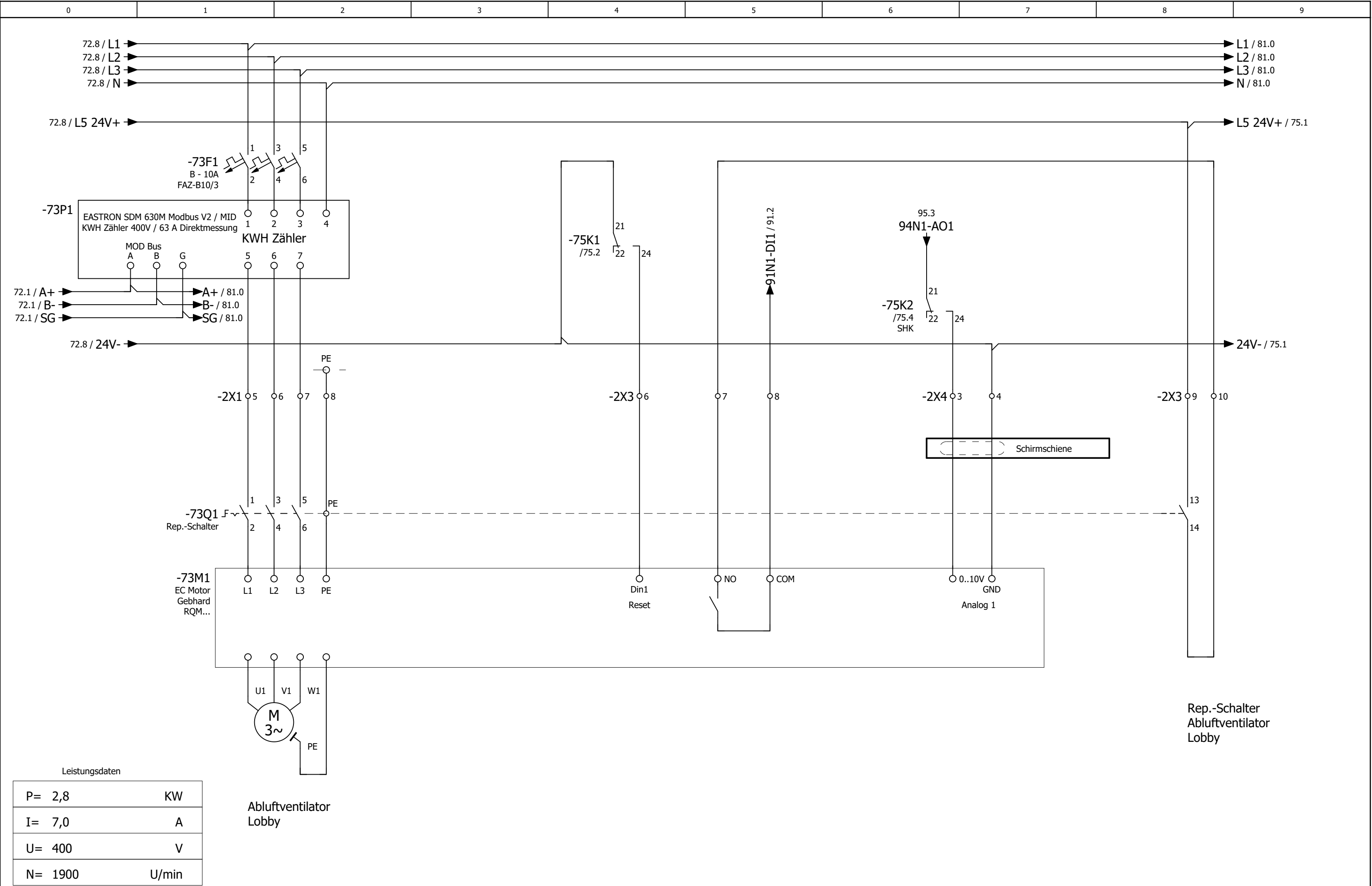
|          |       |      |       |             |                                                    |                                                                                       |                                     |                  |             |         |  |       |    |
|----------|-------|------|-------|-------------|----------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------|------------------|-------------|---------|--|-------|----|
| Änderung |       |      | Datum | 14.Aug.2023 | Mc Donald´s - Thiendorf<br>Lüftung Küche und Lobby |  | Anlagenkennzeichen<br>Lüftung Lobby | Fabr.. Nr. 6996  |             | = RLT_2 |  |       |    |
|          |       |      |       | MH          |                                                    |                                                                                       |                                     |                  |             | +       |  | Blatt | 60 |
|          |       |      |       |             |                                                    |                                                                                       |                                     |                  |             |         |  | Blatt | 95 |
| Änderung | Datum | Name |       |             |                                                    |                                                                                       |                                     | Auftr. Nr. 23432 | Z.Nr.: 9538 |         |  |       |    |



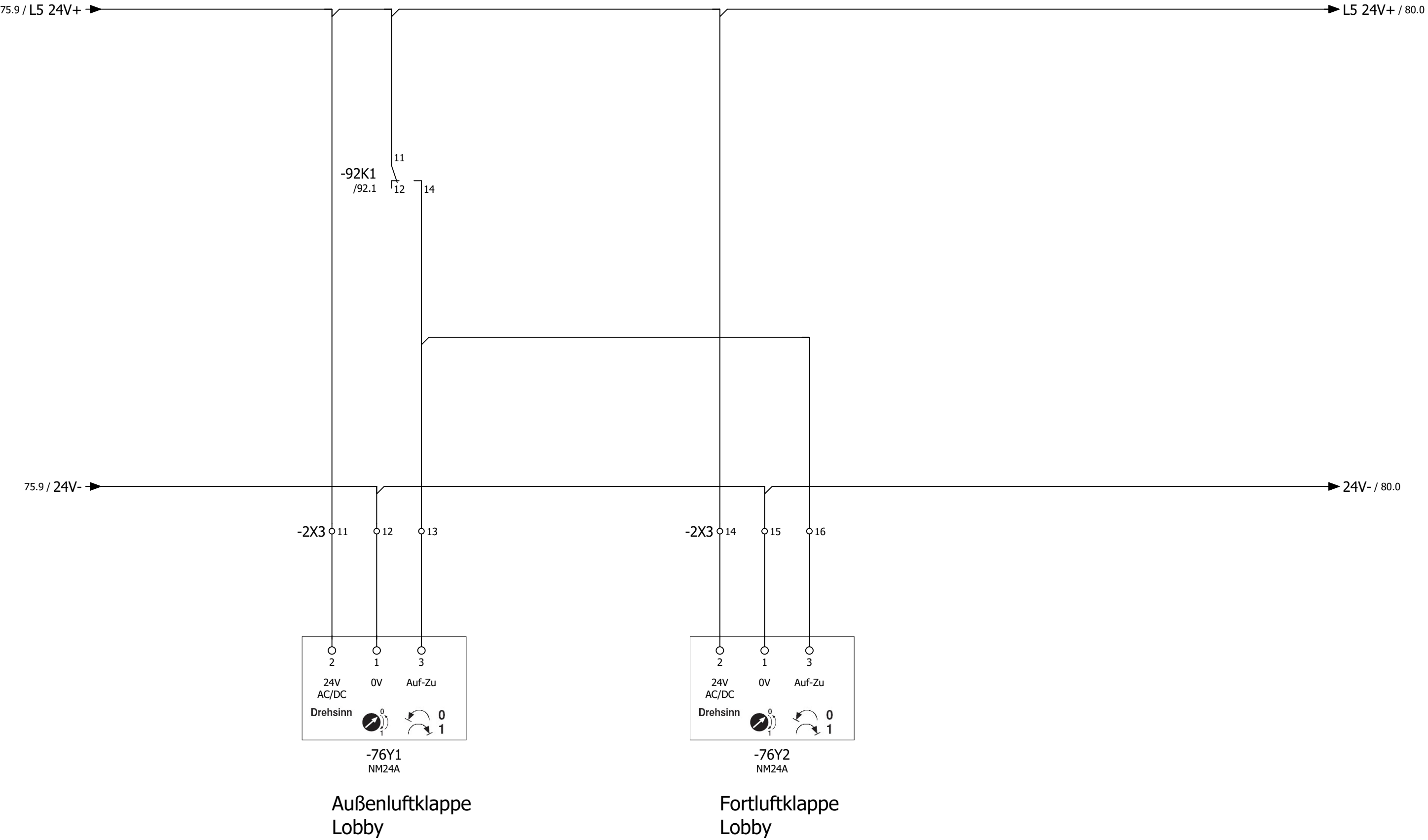
->Blatt vorher60

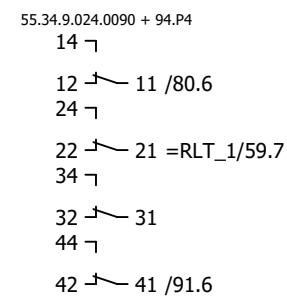
Folgeblatt -> 72

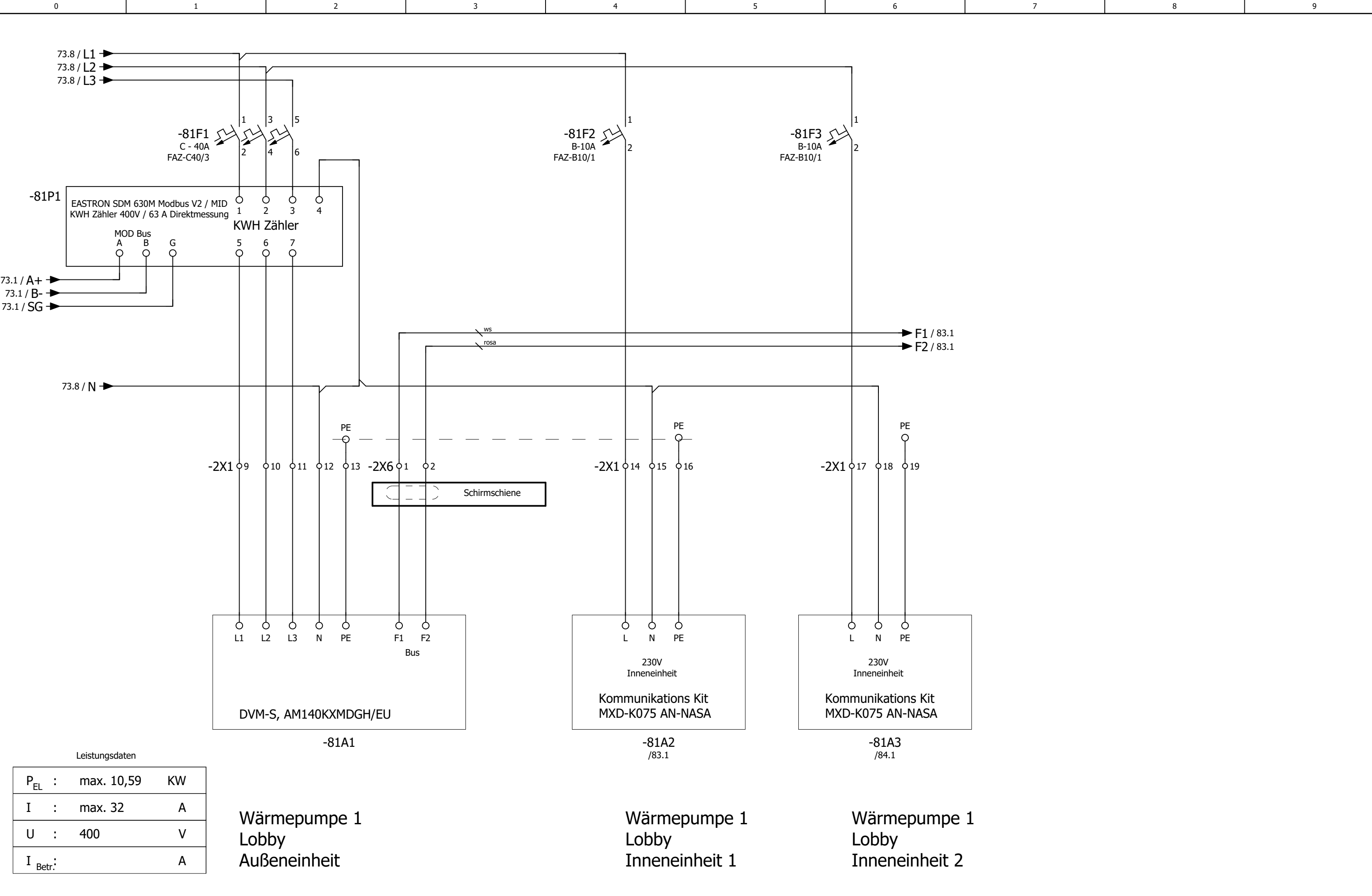












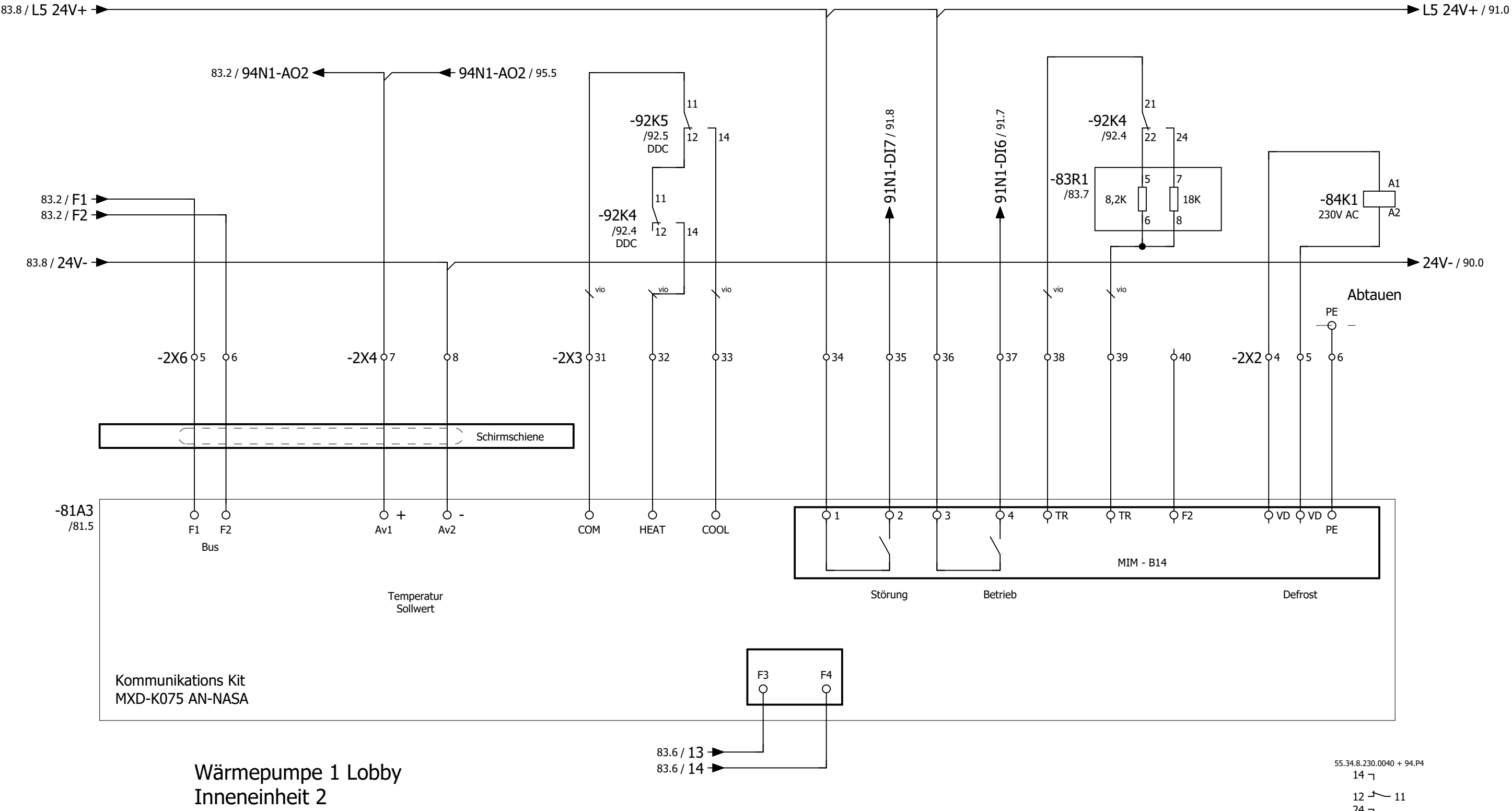
|                    |   |            |    |
|--------------------|---|------------|----|
| Leistungsdaten     |   |            |    |
| P <sub>EL</sub>    | : | max. 10,59 | KW |
| I                  | : | max. 32    | A  |
| U                  | : | 400        | V  |
| I <sub>Betr.</sub> | : |            | A  |

Wärmepumpe 1  
Lobby  
Außeneinheit

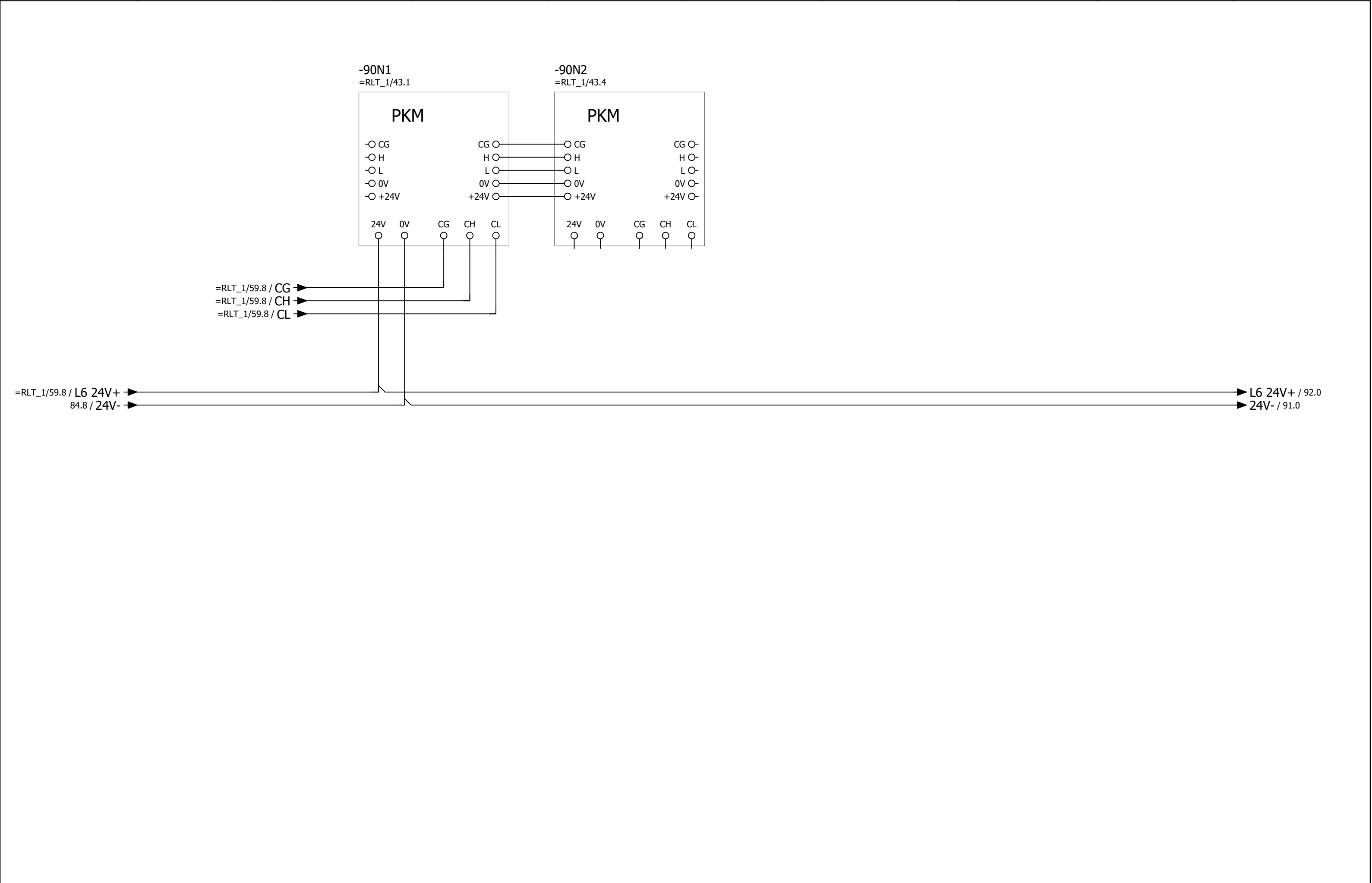
Wärmepumpe 1  
Lobby  
Inneneinheit 1

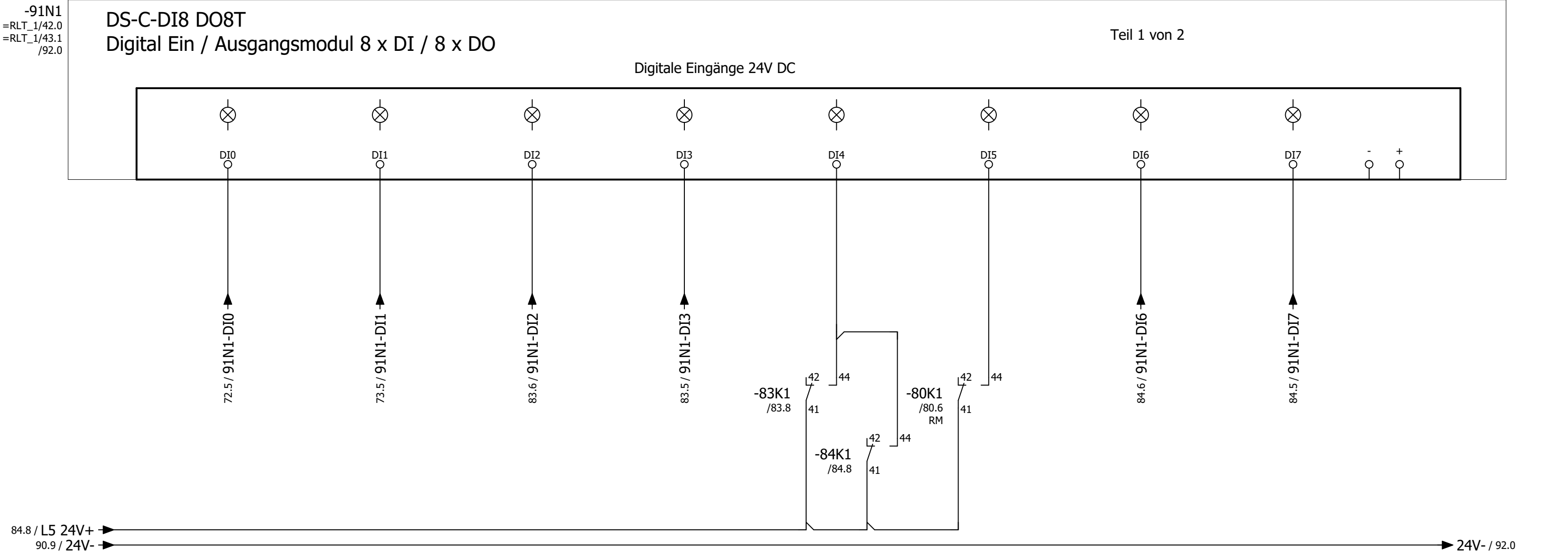
Wärmepumpe 1  
Lobby  
Inneneinheit 2

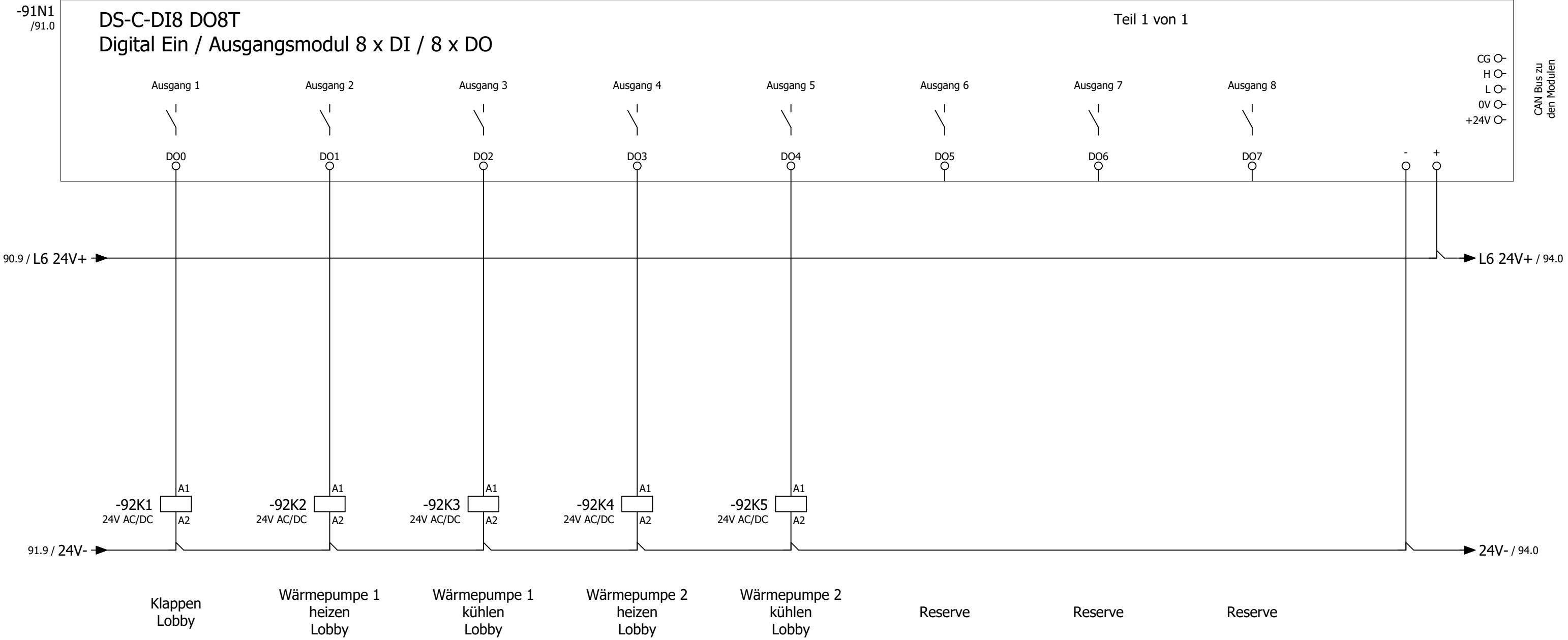




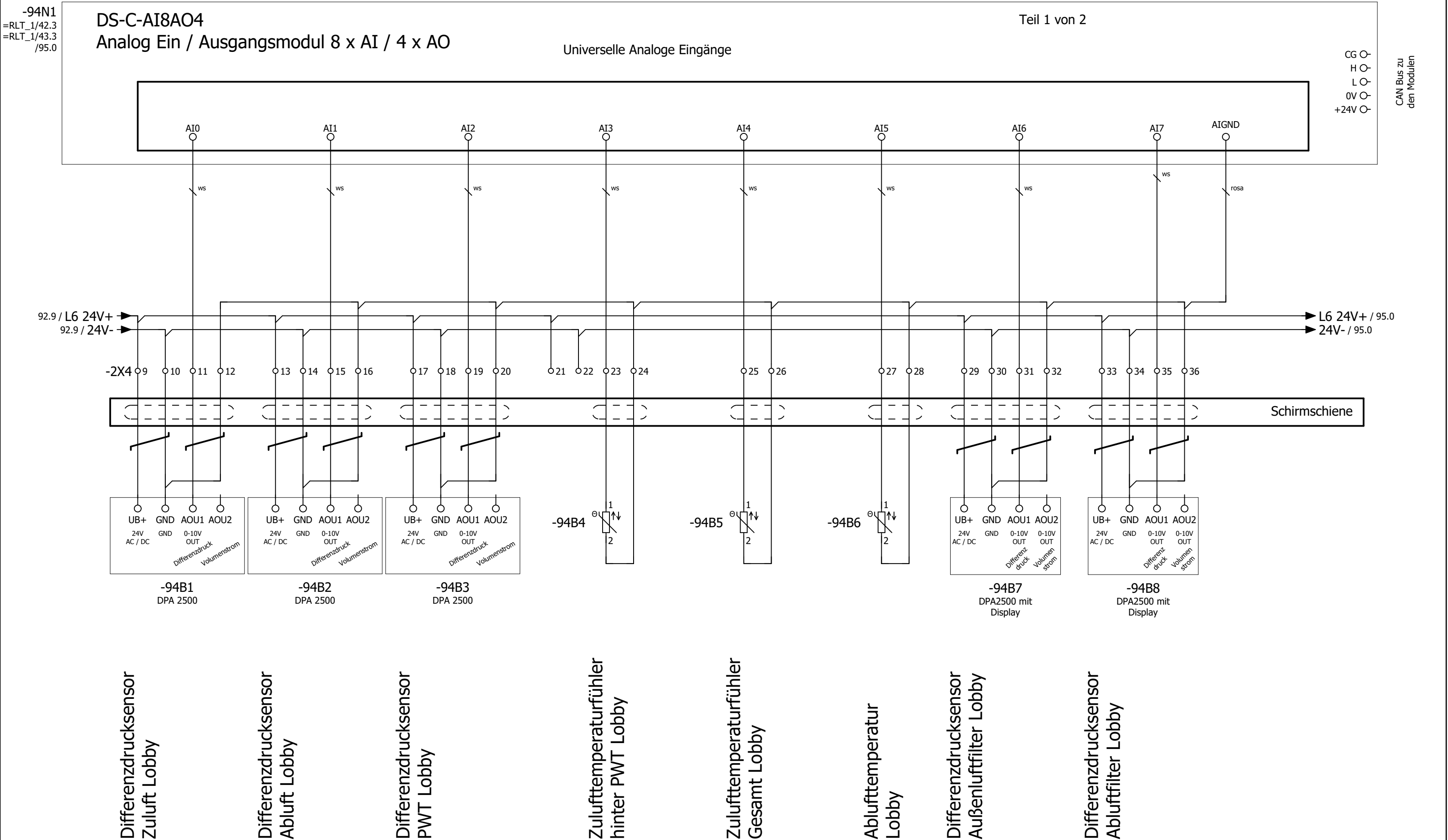
55.34.8.230.0040 + 94.P4  
14 ↗  
12 ↗ 11  
24 ↗  
22 ↗ 21  
34 ↗  
32 ↗ 31  
44 ↗  
42 ↗ 41 /91.5

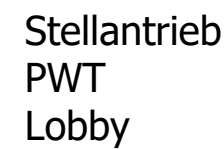






|                  |                          |                  |                          |                  |
|------------------|--------------------------|------------------|--------------------------|------------------|
| 38.51.7.024.0050 | 55.34.9.024.0090 + 94.P4 | 38.51.7.024.0050 | 55.34.9.024.0090 + 94.P4 | 38.51.7.024.0050 |
| 14 ↘             | 14 ↘                     | 14 ↘             | 14 ↘                     | 14 ↘             |
| 12 ↘ 11 /76.3    | 12 ↘ 11 /83.4            | 12 ↘ 11 /83.4    | 12 ↘ 11 /84.4            | 12 ↘ 11 /84.4    |
|                  | 24 ↘                     |                  | 24 ↘                     |                  |
|                  | 22 ↘ 21 /83.7            |                  | 22 ↘ 21 /84.7            |                  |
|                  | 34 ↘                     |                  | 34 ↘                     |                  |
|                  | 32 ↘ 31                  |                  | 32 ↘ 31                  |                  |
|                  | 44 ↘                     |                  | 44 ↘                     |                  |
|                  | 42 ↘ 41                  |                  | 42 ↘ 41                  |                  |





# Klemmenleistenübersicht

Mueller

| Klemmenleiste | Klemmenleistendefinitionstext                    | Klemmen |        |          |         |            | Seite Klemmenplan |
|---------------|--------------------------------------------------|---------|--------|----------|---------|------------|-------------------|
|               |                                                  | erste   | Letzte | Summe PE | Summe N | Gesamtzahl |                   |
| 1X1           | 1X1 = Klemmleiste Hauptstrom RLT 1               | 1       | 19     | 5        | 0       | 19         | =KLE/3            |
| 1X1.1         | Zwischenklemme RLT 1                             | 1       | 5      | 1        | 0       | 5          | =KLE/5            |
| 1X01          | 1X01 = Klemmleiste vorm Hauptschalter RLT 1      | 1       | 7      | 4        | 0       | 7          | =KLE/6            |
| 1X2           | 1X2 = Klemmleiste Steuerspannung 230V - RLT 1    | 1       | 9      | 1        | 0       | 9          | =KLE/7            |
| 1X3           | 1X3 = Klemmleiste Kleinspannung RLT 1            | 1       | 55     | 0        | 0       | 55         | =KLE/8            |
| 1X3.1         | 1X3.1 = Klemmleiste Kleinspannung RLT 1 -> RLT 2 | 1       | 7      | 0        | 0       | 7          | =KLE/12           |
| 1X4           | 1X4 = Klemmleiste Analoge Signale Feld 1         | 1       | 49     | 0        | 0       | 49         | =KLE/13           |
| 1X6           | 1X6 = Busleitungen Feld 1                        | 1       | 6      | 0        | 0       | 6          | =KLE/16           |
| 1X6.1         | 1X6.1 = Klemmleiste Busleitung RLT 1 -> RLT 2    | 1       | 6      | 0        | 0       | 6          | =KLE/17           |
| 1X7           | 1X7 = Klemmleiste Freigabe Küchengeräte Feld 1   | 1       | 3      | 1        | 0       | 3          | =KLE/18           |
| 2X1           | 2X1 = Klemmleiste Hauptstrom RLT 2               | 1       | 19     | 5        | 0       | 19         | =KLE/19           |
| 2X1.1         | Zwischenklemme RLT 2                             | 1       | 5      | 1        | 0       | 5          | =KLE/21           |
| 2X2           | 2X2 = Klemmleiste Steuerspannung 230V - RLT 2    | 1       | 6      | 0        | 0       | 6          | =KLE/22           |
| 2X3           | 2X3 = Klemmleiste Kleinspannung RLT 2            | 1       | 40     | 0        | 0       | 40         | =KLE/23           |
| 2X3.1         | 2X3.1 = Klemmleiste Kleinspannung RLT 1 -> RLT 2 | 1       | 7      | 0        | 0       | 7          | =KLE/26           |
| 2X4           | 2X4 = Klemmleiste Analoge Signale RLT 2          | 1       | 40     | 0        | 0       | 40         | =KLE/27           |
| 2X6           | 2X6 = Busleitungen Feld 2                        | 1       | 6      | 0        | 0       | 6          | =KLE/30           |
| 2X6.1         | 2X6.1 = Klemmleiste Busleitung RLT 1 -> RLT 2    | 1       | 6      | 0        | 0       | 6          | =KLE/31           |
|               |                                                  |         |        |          |         |            |                   |

|          |       |      |       |             |                                                     |                                                                                       |                       |                 |  |                  |          |             |
|----------|-------|------|-------|-------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------|-----------------|--|------------------|----------|-------------|
|          |       |      | Datum | 14.Aug.2023 | Mc Donald 's - Thiendorf<br>Lüftung Küche und Lobby |  | Klemmleistenübersicht | Fabr.. Nr. 6996 |  | = KLE            |          | Blatt 1     |
|          |       |      |       | MH          |                                                     |                                                                                       |                       |                 |  | +                | Blatt 33 |             |
| Änderung | Datum | Name |       |             |                                                     |                                                                                       |                       |                 |  | Auftr. Nr. 23432 |          | Z.Nr.: 9538 |



Klemmenplan

Mueller

|                                 |  |  |  |                                   |                                   |                                   |                                   |                               |   | Leiste<br>1X1<br>1X1 = Klemmleiste Hauptstrom RLT 1 |           |        |        |             |           |       |  |  |  |  | Seite       |
|---------------------------------|--|--|--|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-------------------------------|---|-----------------------------------------------------|-----------|--------|--------|-------------|-----------|-------|--|--|--|--|-------------|
|                                 |  |  |  | OELFLEX<br>110 4G1,5<br>4x1,5 qmm | OELFLEX<br>110 4G1,5<br>4x1,5 qmm | OELFLEX<br>110 3G1,5<br>3x1,5 qmm | OELFLEX<br>110 3G1,5<br>3x1,5 qmm | OELFLEX<br>110 5G6<br>5G6 qmm |   |                                                     | Anschluss | Klemme | Brücke | Ziel        | Anschluss | Kabel |  |  |  |  |             |
| Wärmepumpe 1 Küche Außeneinheit |  |  |  | W-35M1                            | W-11M1/1                          | W-21A3/1                          | W-21A2/1                          | W-21A1/1                      | 1 | =RLT_1-21A1                                         | L1        | 1      |        | =RLT_1-21P1 | 5         |       |  |  |  |  | =RLT_1/21.1 |
| =                               |  |  |  |                                   |                                   |                                   |                                   |                               | 2 | =RLT_1-21A1                                         | L2        | 2      |        | =RLT_1-21P1 | 6         |       |  |  |  |  | =RLT_1/21.2 |
| =                               |  |  |  |                                   |                                   |                                   |                                   |                               | 3 | =RLT_1-21A1                                         | L3        | 3      |        | =RLT_1-21P1 | 7         |       |  |  |  |  | =RLT_1/21.2 |
| =                               |  |  |  |                                   |                                   |                                   |                                   |                               | 4 | =RLT_1-21A1                                         | N         | 4      |        | 1X2         | 2;4       |       |  |  |  |  | =RLT_1/21.2 |
| =                               |  |  |  |                                   |                                   |                                   |                                   | gnge                          |   | =RLT_1-21A1                                         | PE        | 5      |        |             |           |       |  |  |  |  | =RLT_1/21.2 |
| Wärmepumpe 1 Küche Inneneinheit |  |  |  |                                   |                                   |                                   | 1                                 |                               |   | =RLT_1-21A2                                         | L         | 6      |        | =RLT_1-21F2 | 2         |       |  |  |  |  | =RLT_1/21.4 |
| =                               |  |  |  |                                   |                                   |                                   | 2                                 |                               |   | =RLT_1-21A2                                         | N         | 7      | }      | =RLT_1-21P1 | 4         |       |  |  |  |  | =RLT_1/21.4 |
| =                               |  |  |  |                                   |                                   |                                   | PE                                |                               |   | =RLT_1-21A2                                         | PE        | 8      |        |             |           |       |  |  |  |  | =RLT_1/21.4 |
| Wärmepumpe 2 Küche Inneneinheit |  |  |  |                                   |                                   | 1                                 |                                   |                               |   | =RLT_1-21A3                                         | L         | 9      |        | =RLT_1-21F3 | 2         |       |  |  |  |  | =RLT_1/21.6 |
| =                               |  |  |  |                                   |                                   | 2                                 |                                   |                               |   | =RLT_1-21A3                                         | N         | 10     |        | 1X1.1       | 4         |       |  |  |  |  | =RLT_1/21.6 |
| =                               |  |  |  |                                   |                                   | PE                                |                                   |                               |   | =RLT_1-21A3                                         | PE        | 11     |        |             |           |       |  |  |  |  | =RLT_1/21.6 |
| Zuluftventilator Küche          |  |  |  |                                   | 1                                 |                                   |                                   |                               |   | =RLT_1-11Q1                                         | 1         | 12     |        | =RLT_1-11P1 | 5         |       |  |  |  |  | =RLT_1/11.1 |
| =                               |  |  |  |                                   | 2                                 |                                   |                                   |                               |   | =RLT_1-11Q1                                         | 3         | 13     |        | =RLT_1-11P1 | 6         |       |  |  |  |  | =RLT_1/11.2 |
| =                               |  |  |  |                                   | 3                                 |                                   |                                   |                               |   | =RLT_1-11Q1                                         | 5         | 14     |        | =RLT_1-11P1 | 7         |       |  |  |  |  | =RLT_1/11.2 |
| =                               |  |  |  |                                   | gnge                              |                                   |                                   |                               |   | =RLT_1-11Q1                                         | PE        | 15     |        |             | PE        |       |  |  |  |  | =RLT_1/11.2 |
| Abluftventilator Nebenräume     |  |  |  | 1                                 |                                   |                                   |                                   |                               |   | =RLT_1-35Q2                                         | 1         | 16     |        | =RLT_1-35K1 | 2         |       |  |  |  |  | =RLT_1/35.2 |
| =                               |  |  |  | 2                                 |                                   |                                   |                                   |                               |   | =RLT_1-35Q2                                         | 3         | 17     |        | =RLT_1-35K1 | 4         |       |  |  |  |  | =RLT_1/35.2 |
| =                               |  |  |  | 3                                 |                                   |                                   |                                   |                               |   | =RLT_1-35Q2                                         | 5         | 18     |        | =RLT_1-35K1 | 6         |       |  |  |  |  | =RLT_1/35.2 |











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|                                   |  |  |  |  |  | OELFLEX<br>110 10X1<br>10x1 qmm | OELFLEX<br>110 10X1<br>10x1 qmm | 2x2x0,8<br>qmm<br>J-Y(st)Y |             | Leiste<br>1X3<br>1X3 = Klemmleiste Kleinspannung RLT 1 |           |        |        |             |             |       |  |  |             |             |             |
|-----------------------------------|--|--|--|--|--|---------------------------------|---------------------------------|----------------------------|-------------|--------------------------------------------------------|-----------|--------|--------|-------------|-------------|-------|--|--|-------------|-------------|-------------|
|                                   |  |  |  |  |  | W-21A3/3                        | W-21A2/3                        | W-18S4                     | Kabel       | Ziel                                                   | Anschluss | Klemme | Brücke | Ziel        | Anschluss   | Kabel |  |  |             | Seite       |             |
| Grill 3                           |  |  |  |  |  |                                 |                                 | rtsw                       |             | =RLT_1-18S4                                            | 21        | 19     |        |             |             |       |  |  |             | =RLT_1/18.3 |             |
| =                                 |  |  |  |  |  |                                 |                                 | wsge                       |             | =RLT_1-18S4                                            | 22        | 20     |        |             | =RLT_1-18K1 | A1    |  |  |             |             | =RLT_1/18.3 |
| Wärmepumpe 1 Küche Inneneinheit 1 |  |  |  |  |  |                                 | 1                               |                            |             | =RLT_1-21A2                                            | COM       | 21     |        |             | =RLT_1-55K2 | 11    |  |  |             |             | =RLT_1/23.4 |
| =                                 |  |  |  |  |  |                                 | 2                               |                            |             | =RLT_1-21A2                                            | HEAT      | 22     |        |             | =RLT_1-55K1 | 14    |  |  |             |             | =RLT_1/23.4 |
| =                                 |  |  |  |  |  |                                 | 3                               |                            |             | =RLT_1-21A2                                            | COOL      | 23     |        |             | =RLT_1-55K2 | 14    |  |  |             |             | =RLT_1/23.4 |
| =                                 |  |  |  |  |  |                                 | 4                               |                            |             | =RLT_1-21A2                                            | 1         | 24     |        |             |             |       |  |  |             |             | =RLT_1/23.5 |
| =                                 |  |  |  |  |  |                                 | 5                               |                            |             | =RLT_1-21A2                                            | 2         | 25     |        |             | =RLT_1-54N1 |       |  |  |             |             | =RLT_1/23.5 |
| =                                 |  |  |  |  |  |                                 | 6                               |                            |             | =RLT_1-21A2                                            | 3         | 26     |        |             |             |       |  |  |             |             | =RLT_1/23.6 |
| =                                 |  |  |  |  |  |                                 | 7                               |                            |             | =RLT_1-21A2                                            | 4         | 27     |        |             | =RLT_1-54N1 |       |  |  |             |             | =RLT_1/23.6 |
| =                                 |  |  |  |  |  |                                 | 8                               |                            | =RLT_1-21A2 | TR                                                     | 28        |        |        | =RLT_1-55K1 | 21          |       |  |  | =RLT_1/23.6 |             |             |
| =                                 |  |  |  |  |  |                                 | 9                               |                            | =RLT_1-21A2 | TR                                                     | 29        |        |        | =RLT_1-23R1 | 2           |       |  |  | =RLT_1/23.7 |             |             |
| =                                 |  |  |  |  |  |                                 | 10                              |                            | =RLT_1-21A2 | F2                                                     | 30        |        |        |             |             |       |  |  | =RLT_1/23.7 |             |             |
| Wärmepumpe 1 Küche Inneneinheit 2 |  |  |  |  |  |                                 | 1                               |                            | =RLT_1-22A2 | COM                                                    | 31        |        |        | =RLT_1-55K4 | 11          |       |  |  |             | =RLT_1/24.4 |             |
| =                                 |  |  |  |  |  |                                 | 2                               |                            |             | =RLT_1-22A2                                            | HEAT      | 32     |        |             | =RLT_1-55K3 | 14    |  |  |             |             | =RLT_1/24.4 |
| =                                 |  |  |  |  |  |                                 | 3                               |                            |             | =RLT_1-22A2                                            | COOL      | 33     |        |             | =RLT_1-55K4 | 14    |  |  |             |             | =RLT_1/24.4 |
| =                                 |  |  |  |  |  |                                 | 4                               |                            |             | =RLT_1-22A2                                            | 1         | 34     |        |             |             |       |  |  |             |             | =RLT_1/24.5 |
| =                                 |  |  |  |  |  |                                 | 5                               |                            |             | =RLT_1-22A2                                            | 2         | 35     |        |             | =RLT_1-54N1 |       |  |  |             |             | =RLT_1/24.5 |
| =                                 |  |  |  |  |  |                                 | 6                               |                            |             | =RLT_1-22A2                                            | 3         | 36     |        |             |             |       |  |  |             |             | =RLT_1/24.6 |

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|                                   |  |  |  |  |                               |                             |                               |                                 |  | Leiste<br>1X3<br>1X3 = Klemmleiste Kleinspannung RLT 1 |           |        |        |             |           |       |  |  |  |  | Seite       |
|-----------------------------------|--|--|--|--|-------------------------------|-----------------------------|-------------------------------|---------------------------------|--|--------------------------------------------------------|-----------|--------|--------|-------------|-----------|-------|--|--|--|--|-------------|
|                                   |  |  |  |  | OELFLEX<br>110 4X1<br>4x1 qmm | J-Y(ST)-Y<br>4x2x0,8<br>qmm | OELFLEX<br>110 4X1<br>4x1 qmm | OELFLEX<br>110 10X1<br>10x1 qmm |  |                                                        | Anschluss | Klemme | Brücke | Ziel        | Anschluss | Kabel |  |  |  |  |             |
| Wärmepumpe 1 Küche Inneneinheit 2 |  |  |  |  | W-11M1/2                      |                             |                               | 7                               |  | =RLT_1-22A2                                            | 4         | 37     |        | =RLT_1-54N1 |           |       |  |  |  |  | =RLT_1/24.6 |
| =                                 |  |  |  |  | W-46A1                        |                             |                               | 8                               |  | =RLT_1-22A2                                            | TR        | 38     |        | =RLT_1-55K3 | 21        |       |  |  |  |  | =RLT_1/24.6 |
| =                                 |  |  |  |  | W-26B1                        |                             |                               | 9                               |  | =RLT_1-22A2                                            | TR        | 39     |        | =RLT_1-23R1 | 6         |       |  |  |  |  | =RLT_1/24.7 |
| =                                 |  |  |  |  | W-21A3/3                      |                             |                               | 10                              |  | =RLT_1-22A2                                            | F2        | 40     |        |             |           |       |  |  |  |  | =RLT_1/24.7 |
| Rauchmelder ZUL Küche             |  |  |  |  |                               |                             | 1                             |                                 |  | =RLT_1-26B1                                            | 1         | 41     |        |             |           |       |  |  |  |  | =RLT_1/26.2 |
| =                                 |  |  |  |  |                               |                             | 2                             |                                 |  | =RLT_1-26B1                                            | 2         | 42     |        | 1X4         | 4;A2      |       |  |  |  |  | =RLT_1/26.2 |
| =                                 |  |  |  |  |                               |                             | 3                             |                                 |  | =RLT_1-26B1                                            |           | 43     |        | =RLT_1-48K2 | 11        |       |  |  |  |  | =RLT_1/26.3 |
| =                                 |  |  |  |  |                               |                             | 4                             |                                 |  | =RLT_1-26B1                                            |           | 44     |        | =RLT_1-7K1  | 41        |       |  |  |  |  | =RLT_1/26.3 |
| Bedientableau                     |  |  |  |  |                               | rt                          |                               |                                 |  | =RLT_1-46A1                                            | 24V+      | 45     |        | =RLT_1-46F1 | 2;+       |       |  |  |  |  | =RLT_1/46.5 |
| =                                 |  |  |  |  |                               | bl                          |                               |                                 |  | =RLT_1-46A1                                            | 24V-      | 46     |        | =RLT_1-46N1 | 0V        |       |  |  |  |  | =RLT_1/46.5 |
| =                                 |  |  |  |  |                               | ws                          |                               |                                 |  | =RLT_1-46A1-46H1                                       | +         | 47     |        | =RLT_1-46N1 | DI        |       |  |  |  |  | =RLT_1/46.5 |
| =                                 |  |  |  |  |                               | ge                          |                               |                                 |  | =RLT_1-46A1-46H1                                       | -         | 48     |        |             |           |       |  |  |  |  | =RLT_1/46.5 |
| =                                 |  |  |  |  |                               | ws                          |                               |                                 |  | =RLT_1-46A1-46H2                                       | +         | 49     |        | =RLT_1-46N1 |           |       |  |  |  |  | =RLT_1/46.6 |
| =                                 |  |  |  |  |                               | gn                          |                               |                                 |  | =RLT_1-46A1-46H2                                       | -         | 50     |        | 1XR         | -         |       |  |  |  |  | =RLT_1/46.6 |
| Externe Einschaltung Option       |  |  |  |  |                               |                             |                               |                                 |  | =RLT_1-67W1                                            |           | 51     |        | =RLT_1-48K2 | 11;2.14   |       |  |  |  |  | =RLT_1/47.1 |
| =                                 |  |  |  |  |                               |                             |                               |                                 |  | =RLT_1-67W1                                            |           | 52     |        | =RLT_1-47S1 | 1.14      |       |  |  |  |  | =RLT_1/47.1 |
| Zuluftventilator Küche            |  |  |  |  | 1                             |                             |                               |                                 |  | =RLT_1-11M1                                            | Din1      | 53     |        | =RLT_1-7K1  | 24        |       |  |  |  |  | =RLT_1/11.4 |
| =                                 |  |  |  |  | 2                             |                             |                               |                                 |  | =RLT_1-11M1                                            | NO        | 54     |        |             |           |       |  |  |  |  | =RLT_1/11.5 |

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|                        |  |  |  |  |  |  |  | OELFLEX<br>110 4X1 | 4x1 qmm |             | Leiste<br>1X3<br>1X3 = Klemmleiste Kleinspannung RLT 1 |        |        |             |           |       |  |  |  |  |             |  |
|------------------------|--|--|--|--|--|--|--|--------------------|---------|-------------|--------------------------------------------------------|--------|--------|-------------|-----------|-------|--|--|--|--|-------------|--|
|                        |  |  |  |  |  |  |  | W-11M1/2           | Kabel   | Ziel        | Anschluss                                              | Klemme | Brücke | Ziel        | Anschluss | Kabel |  |  |  |  | Seite       |  |
| Zuluftventilator Küche |  |  |  |  |  |  |  | 3                  |         | =RLT_1-11M1 | COM                                                    | 55     |        | =RLT_1-54N1 |           |       |  |  |  |  | =RLT_1/11.5 |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |
|                        |  |  |  |  |  |  |  |                    |         |             |                                                        |        |        |             |           |       |  |  |  |  |             |  |







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|                                   |  |  |  |  |  | 4x0,5 qmm<br>LTVCY | 4x0,5 qmm<br>LTVCY | 2x0,5 qmm<br>LTVCY |             | Leiste<br>1X6<br>1X6 = Busleitungen Feld 1 |           |        |        |      |           |       |  |  |  |  |             |             |             |
|-----------------------------------|--|--|--|--|--|--------------------|--------------------|--------------------|-------------|--------------------------------------------|-----------|--------|--------|------|-----------|-------|--|--|--|--|-------------|-------------|-------------|
|                                   |  |  |  |  |  | W-21A3/2           | W-21A2/2           | W-21A1/2           | Kabel       | Ziel                                       | Anschluss | Klemme | Brücke | Ziel | Anschluss | Kabel |  |  |  |  | Seite       |             |             |
| Wärmepumpe 1 Küche Außeneinheit   |  |  |  |  |  |                    |                    | ws                 |             | =RLT_1-21A1                                | F1        | 1      |        |      |           |       |  |  |  |  | =RLT_1/21.2 |             |             |
| =                                 |  |  |  |  |  |                    | br                 | =RLT_1-21A1        |             | F2                                         | 2         |        |        |      |           |       |  |  |  |  |             |             | =RLT_1/21.3 |
| Wärmepumpe 1 Küche Inneneinheit 1 |  |  |  |  |  |                    | gn                 | =RLT_1-21A2        |             | F1                                         | 3         |        |        |      |           |       |  |  |  |  |             |             | =RLT_1/23.1 |
| =                                 |  |  |  |  |  |                    | ge                 |                    | =RLT_1-21A2 | F2                                         | 4         |        |        |      |           |       |  |  |  |  |             | =RLT_1/23.1 |             |
| Wärmepumpe 1 Küche Inneneinheit 2 |  |  |  |  |  | gn                 |                    |                    | =RLT_1-22A2 | F1                                         | 5         |        |        |      |           |       |  |  |  |  |             |             | =RLT_1/24.1 |
| =                                 |  |  |  |  |  | ge                 |                    |                    | =RLT_1-22A2 | F2                                         | 6         |        |        |      |           |       |  |  |  |  |             |             | =RLT_1/24.1 |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |
|                                   |  |  |  |  |  |                    |                    |                    |             |                                            |           |        |        |      |           |       |  |  |  |  |             |             |             |

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|                      |  |  |  |  |  |  |  |  |       | Leiste<br>1X6.1<br>1X6.1 = Klemmleiste Busleitung RLT 1 -> RLT 2 |           |        |        |             |           |       |  |  |  |             |  |
|----------------------|--|--|--|--|--|--|--|--|-------|------------------------------------------------------------------|-----------|--------|--------|-------------|-----------|-------|--|--|--|-------------|--|
|                      |  |  |  |  |  |  |  |  | Kabel | Ziel                                                             | Anschluss | Klemme | Brücke | Ziel        | Anschluss | Kabel |  |  |  | Seite       |  |
| Busleitung zur Lobby |  |  |  |  |  |  |  |  |       | 2X6.1                                                            | 1         | 1      |        | =RLT_1-46N2 | CG        |       |  |  |  | =RLT_1/59.4 |  |
| =                    |  |  |  |  |  |  |  |  |       | 2X6.1                                                            | 2         | 2      |        | =RLT_1-46N2 | CH        |       |  |  |  | =RLT_1/59.4 |  |
| =                    |  |  |  |  |  |  |  |  |       | 2X6.1                                                            | 3         | 3      |        | =RLT_1-46N2 | CL        |       |  |  |  | =RLT_1/59.4 |  |
| =                    |  |  |  |  |  |  |  |  |       | 2X6.1                                                            | 4         | 4      |        | =RLT_1-46N1 | A+        |       |  |  |  | =RLT_1/59.4 |  |
| =                    |  |  |  |  |  |  |  |  |       | 2X6.1                                                            | 5         | 5      |        | =RLT_1-46N1 | B-        |       |  |  |  | =RLT_1/59.4 |  |
| =                    |  |  |  |  |  |  |  |  |       | 2X6.1                                                            | 6         | 6      |        | =RLT_1-46N1 | SG        |       |  |  |  | =RLT_1/59.4 |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |             |           |       |  |  |  |             |  |





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|                                   |  |  |  |  |  |  |  | OELFLEX<br>110 3G1,5<br>3x1,5 qmm |       | Leiste<br>2X1<br>2X1 = Klemmleiste Hauptstrom RLT 2 |           |        |        |      |           |       |  |  |  |             |  |
|-----------------------------------|--|--|--|--|--|--|--|-----------------------------------|-------|-----------------------------------------------------|-----------|--------|--------|------|-----------|-------|--|--|--|-------------|--|
|                                   |  |  |  |  |  |  |  | W-81A3/1                          | Kabel | Ziel                                                | Anschluss | Klemme | Brücke | Ziel | Anschluss | Kabel |  |  |  | Seite       |  |
| Wärmepumpe 1 Lobby Inneneinheit 2 |  |  |  |  |  |  |  | PE                                |       | =RLT_2-81A3                                         | PE        | 19     |        |      |           |       |  |  |  | =RLT_2/81.6 |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |
|                                   |  |  |  |  |  |  |  |                                   |       |                                                     |           |        |        |      |           |       |  |  |  |             |  |

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|                                           |  |  |  |  |  |  |  |  |       | Leiste<br>2X1.1<br>Zwischenklemme RLT 2 |           |        |        |       |           |       |  |  |  |             |  |
|-------------------------------------------|--|--|--|--|--|--|--|--|-------|-----------------------------------------|-----------|--------|--------|-------|-----------|-------|--|--|--|-------------|--|
|                                           |  |  |  |  |  |  |  |  | Kabel | Ziel                                    | Anschluss | Klemme | Brücke | Ziel  | Anschluss | Kabel |  |  |  | Seite       |  |
| Spannungsversorgung Anlage Küche -> Lobby |  |  |  |  |  |  |  |  |       | =RLT_2-72F1                             | 1         | 1      |        | 1X1.1 | 1         |       |  |  |  | =RLT_1/59.5 |  |
| =                                         |  |  |  |  |  |  |  |  |       | =RLT_2-72F1                             | 3         | 2      |        | 1X1.1 | 2         |       |  |  |  | =RLT_1/59.5 |  |
| =                                         |  |  |  |  |  |  |  |  |       | =RLT_2-72F1                             | 5         | 3      |        | 1X1.1 | 3         |       |  |  |  | =RLT_1/59.5 |  |
| =                                         |  |  |  |  |  |  |  |  |       | =RLT_2-72P1                             | 4         | 4      |        | 1X1.1 | 4         |       |  |  |  | =RLT_1/59.5 |  |
| =                                         |  |  |  |  |  |  |  |  |       |                                         |           | 5      |        | 1X1.1 | 5         |       |  |  |  | =RLT_1/59.5 |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
|                                           |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |
| </                                        |  |  |  |  |  |  |  |  |       |                                         |           |        |        |       |           |       |  |  |  |             |  |

Klemmenplan

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|                                   |  |  |  |  |  |  | OELFLEX<br>110 3G1,5<br>3x1,5 qmm | OELFLEX<br>110 3G1,5<br>3x1,5 qmm |       | Leiste<br>2X2<br>2X2 = Klemmleiste Steuerspannung 230V - RLT 2 |           |        |        |             |           |       |  |  |  |             | Seite |
|-----------------------------------|--|--|--|--|--|--|-----------------------------------|-----------------------------------|-------|----------------------------------------------------------------|-----------|--------|--------|-------------|-----------|-------|--|--|--|-------------|-------|
|                                   |  |  |  |  |  |  | W-81A3/4                          | W-81A2/4                          | Kabel | Ziel                                                           | Anschluss | Klemme | Brücke | Ziel        | Anschluss | Kabel |  |  |  |             |       |
| Wärmepumpe 1 Lobby Inneneinheit 1 |  |  |  |  |  |  |                                   | 1                                 |       | =RLT_2-81A2                                                    | VD        | 1      |        | =RLT_2-83K1 | A1        |       |  |  |  | =RLT_2/83.8 |       |
| =                                 |  |  |  |  |  |  |                                   | 2                                 |       | =RLT_2-81A2                                                    | VD        | 2      |        | =RLT_2-83K1 | A2        |       |  |  |  | =RLT_2/83.8 |       |
| =                                 |  |  |  |  |  |  |                                   | PE                                |       | =RLT_2-81A2                                                    | PE        | 3      |        |             | PE        |       |  |  |  | =RLT_2/83.8 |       |
| Wärmepumpe 1 Lobby Inneneinheit 2 |  |  |  |  |  |  | 1                                 |                                   |       | =RLT_2-81A3                                                    | VD        | 4      |        | =RLT_2-84K1 | A1        |       |  |  |  | =RLT_2/84.8 |       |
| =                                 |  |  |  |  |  |  | 2                                 |                                   |       | =RLT_2-81A3                                                    | VD        | 5      |        | =RLT_2-84K1 | A2        |       |  |  |  | =RLT_2/84.8 |       |
| =                                 |  |  |  |  |  |  | PE                                |                                   |       | =RLT_2-81A3                                                    | PE        | 6      |        |             | PE        |       |  |  |  | =RLT_2/84.8 |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |
|                                   |  |  |  |  |  |  |                                   |                                   |       |                                                                |           |        |        |             |           |       |  |  |  |             |       |

Klemmenplan

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|                                      |  | OELFLEX<br>110 4X1 | OELFLEX<br>110 3X1 | OELFLEX<br>110 3X1 | OELFLEX<br>110 2X1 | OELFLEX<br>110 4X1 | OELFLEX<br>110 2X1 | OELFLEX<br>110 4X1 |       | Leiste<br>2X3<br>2X3 = Klemmleiste Kleinspannung RLT 2 |           |        |        |             |           |       |  |  |  |             | Seite |
|--------------------------------------|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|--------------------------------------------------------|-----------|--------|--------|-------------|-----------|-------|--|--|--|-------------|-------|
|                                      |  | W-80B1             | W-76Y2             | W-76Y1             | W-73Q1             | W-73M1/3           | W-72Q1             | W-72M1/3           | Kabel | Ziel                                                   | Anschluss | Klemme | Brücke | Ziel        | Anschluss | Kabel |  |  |  |             |       |
| Zuluftventilator Lobby               |  |                    |                    |                    |                    |                    |                    | 1                  |       | =RLT_2-72M1                                            | Din1      | 1      |        | =RLT_2-75K1 | 14        |       |  |  |  | =RLT_2/72.4 |       |
| =                                    |  |                    |                    |                    |                    |                    |                    | 2                  |       | =RLT_2-72M1                                            | NO        | 2      | •      |             |           |       |  |  |  | =RLT_2/72.5 |       |
| =                                    |  |                    |                    |                    |                    |                    |                    | 3                  |       | =RLT_2-72M1                                            | COM       | 3      | •      | =RLT_2-91N1 |           |       |  |  |  | =RLT_2/72.5 |       |
| Rep.-Schalter Zuluftventilator Lobby |  |                    |                    |                    |                    |                    | 1                  |                    |       | =RLT_2-72Q1                                            | 13        | 4      | •      | =RLT_2-80K1 | 21        |       |  |  |  | =RLT_2/72.8 |       |
| =                                    |  |                    |                    |                    |                    |                    | 2                  |                    |       | =RLT_2-72Q1                                            | 14        | 5      | •      |             |           |       |  |  |  | =RLT_2/72.8 |       |
| Abluftventilator Lobby               |  |                    |                    |                    |                    | 1                  |                    |                    |       | =RLT_2-73M1                                            | Din1      | 6      |        | =RLT_2-75K1 | 24        |       |  |  |  | =RLT_2/73.4 |       |
| =                                    |  |                    |                    |                    |                    | 2                  |                    |                    |       | =RLT_2-73M1                                            | NO        | 7      | •      |             |           |       |  |  |  | =RLT_2/73.5 |       |
| =                                    |  |                    |                    |                    |                    | 3                  |                    |                    |       | =RLT_2-73M1                                            | COM       | 8      | •      | =RLT_2-91N1 |           |       |  |  |  | =RLT_2/73.5 |       |
| Rep.-Schalter Abluftventilator Lobby |  |                    |                    |                    | 1                  |                    |                    |                    |       | =RLT_2-73Q1                                            | 13        | 9      | •      |             |           |       |  |  |  | =RLT_2/73.8 |       |
| =                                    |  |                    |                    |                    | 2                  |                    |                    |                    |       | =RLT_2-73Q1                                            | 14        | 10     | •      |             |           |       |  |  |  | =RLT_2/73.8 |       |
| Außenluftklappe Lobby                |  |                    |                    | 1                  |                    |                    |                    |                    |       | =RLT_2-76Y1                                            | 2         | 11     | •      | =RLT_2-92K1 | 11        |       |  |  |  | =RLT_2/76.2 |       |
| =                                    |  |                    |                    | 2                  |                    |                    |                    |                    |       | =RLT_2-76Y1                                            | 1         | 12     | •      | =RLT_2-75K2 | A2        |       |  |  |  | =RLT_2/76.2 |       |
| =                                    |  |                    |                    | 3                  |                    |                    |                    |                    |       | =RLT_2-76Y1                                            | 3         | 13     | •      | =RLT_2-92K1 | 14        |       |  |  |  | =RLT_2/76.3 |       |
| Fortluftklappe Lobby                 |  |                    | 1                  |                    |                    |                    |                    |                    |       | =RLT_2-76Y2                                            | 2         | 14     | •      | =RLT_2-92K1 | 11        |       |  |  |  | =RLT_2/76.5 |       |
| =                                    |  |                    | 2                  |                    |                    |                    |                    |                    |       | =RLT_2-76Y2                                            | 1         | 15     | •      |             |           |       |  |  |  | =RLT_2/76.5 |       |
| =                                    |  |                    | 3                  |                    |                    |                    |                    |                    |       | =RLT_2-76Y2                                            | 3         | 16     | •      |             |           |       |  |  |  | =RLT_2/76.5 |       |
| Rauchmelder Lobby                    |  | 1                  |                    |                    |                    |                    |                    |                    |       | =RLT_2-80B1                                            | 1         | 17     | •      |             |           |       |  |  |  | =RLT_2/80.2 |       |
| =                                    |  | 2                  |                    |                    |                    |                    |                    |                    |       | =RLT_2-80B1                                            | 2         | 18     | •      | =RLT_2-80K1 | A2        |       |  |  |  | =RLT_2/80.2 |       |

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|                                   |  |  |  |  |  | OELFLEX<br>110 10X1<br>10x1 qmm | OELFLEX<br>110 10X1<br>10x1 qmm | OELFLEX<br>110 4X1<br>4x1 qmm |             | Leiste<br>2X3<br>2X3 = Klemmleiste Kleinspannung RLT 2 |           |             |             |             |           |       |  |             |             |             |  |
|-----------------------------------|--|--|--|--|--|---------------------------------|---------------------------------|-------------------------------|-------------|--------------------------------------------------------|-----------|-------------|-------------|-------------|-----------|-------|--|-------------|-------------|-------------|--|
|                                   |  |  |  |  |  | W-81A3/3                        | W-81A2/3                        | W-80B1                        | Kabel       | Ziel                                                   | Anschluss | Klemme      | Brücke      | Ziel        | Anschluss | Kabel |  |             |             | Seite       |  |
| Rauchmelder Lobby                 |  |  |  |  |  |                                 |                                 | 3                             |             | =RLT_2-80B1                                            |           | 19          | <div></div> |             |           |       |  |             |             | =RLT_2/80.3 |  |
| =                                 |  |  |  |  |  |                                 |                                 | 4                             |             | =RLT_2-80B1                                            |           | 20          |             | =RLT_2-75K1 | 31        |       |  |             |             | =RLT_2/80.3 |  |
| Wärmepumpe 1 Lobby Inneneinheit 1 |  |  |  |  |  |                                 | 1                               |                               |             | =RLT_2-81A2                                            | COM       | 21          |             | =RLT_2-92K3 | 11        |       |  |             |             | =RLT_2/83.4 |  |
| =                                 |  |  |  |  |  |                                 | 2                               |                               | =RLT_2-81A2 | HEAT                                                   | 22        |             | =RLT_2-92K2 | 14          |           |       |  |             | =RLT_2/83.4 |             |  |
| =                                 |  |  |  |  |  |                                 | 3                               |                               | =RLT_2-81A2 | COOL                                                   | 23        |             | =RLT_2-92K3 | 14          |           |       |  | =RLT_2/83.4 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 4                               |                               | =RLT_2-81A2 | 1                                                      | 24        | <div></div> |             |             |           |       |  | =RLT_2/83.5 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 5                               |                               | =RLT_2-81A2 | 2                                                      | 25        |             | =RLT_2-91N1 |             |           |       |  | =RLT_2/83.5 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 6                               |                               | =RLT_2-81A2 | 3                                                      | 26        | <div></div> |             |             |           |       |  | =RLT_2/83.6 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 7                               |                               | =RLT_2-81A2 | 4                                                      | 27        |             | =RLT_2-91N1 |             |           |       |  |             |             | =RLT_2/83.6 |  |
| =                                 |  |  |  |  |  |                                 | 8                               | =RLT_2-81A2                   | TR          | 28                                                     |           | =RLT_2-92K2 | 21          |             |           |       |  | =RLT_2/83.6 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 9                               | =RLT_2-81A2                   | TR          | 29                                                     |           | =RLT_2-83R1 | 2           |             |           |       |  | =RLT_2/83.7 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 10                              | =RLT_2-81A2                   | F2          | 30                                                     |           |             |             |             |           |       |  | =RLT_2/83.7 |             |             |  |
| Wärmepumpe 1 Lobby Inneneinheit 2 |  |  |  |  |  |                                 | 1                               | =RLT_2-81A3                   | COM         | 31                                                     |           | =RLT_2-92K5 | 11          |             |           |       |  | =RLT_2/84.4 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 2                               |                               | =RLT_2-81A3 | HEAT                                                   | 32        |             | =RLT_2-92K4 | 14          |           |       |  |             | =RLT_2/84.4 |             |  |
| =                                 |  |  |  |  |  |                                 | 3                               |                               | =RLT_2-81A3 | COOL                                                   | 33        |             | =RLT_2-92K5 | 14          |           |       |  |             | =RLT_2/84.4 |             |  |
| =                                 |  |  |  |  |  |                                 | 4                               |                               | =RLT_2-81A3 | 1                                                      | 34        | <div></div> |             |             |           |       |  | =RLT_2/84.5 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 5                               |                               | =RLT_2-81A3 | 2                                                      | 35        |             | =RLT_2-91N1 |             |           |       |  | =RLT_2/84.5 |             |             |  |
| =                                 |  |  |  |  |  |                                 | 6                               |                               | =RLT_2-81A3 | 3                                                      | 36        | <div></div> | =RLT_2-83K1 | 41          |           |       |  |             | =RLT_2/84.6 |             |  |

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|                                   |  |  |  |  |  |  |  | OELFLEX<br>110 10X1 | 10x1 qmm |  | Leiste<br>2X3<br>2X3 = Klemmleiste Kleinspannung RLT 2 |           |        |        |             |           |       |  |  |  |  |             |
|-----------------------------------|--|--|--|--|--|--|--|---------------------|----------|--|--------------------------------------------------------|-----------|--------|--------|-------------|-----------|-------|--|--|--|--|-------------|
|                                   |  |  |  |  |  |  |  | W-81A3/3            | Kabel    |  | Ziel                                                   | Anschluss | Klemme | Brücke | Ziel        | Anschluss | Kabel |  |  |  |  |             |
| Wärmepumpe 1 Lobby Inneneinheit 2 |  |  |  |  |  |  |  | 7                   |          |  | =RLT_2-81A3                                            | 4         | 37     |        | =RLT_2-91N1 |           |       |  |  |  |  | =RLT_2/84.6 |
| =                                 |  |  |  |  |  |  |  | 8                   |          |  | =RLT_2-81A3                                            | TR        | 38     |        | =RLT_2-92K4 | 21        |       |  |  |  |  | =RLT_2/84.6 |
| =                                 |  |  |  |  |  |  |  | 9                   |          |  | =RLT_2-81A3                                            | TR        | 39     |        | =RLT_2-83R1 | 6         |       |  |  |  |  | =RLT_2/84.7 |
| =                                 |  |  |  |  |  |  |  | 10                  |          |  | =RLT_2-81A3                                            | F2        | 40     |        |             |           |       |  |  |  |  | =RLT_2/84.7 |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |
|                                   |  |  |  |  |  |  |  |                     |          |  |                                                        |           |        |        |             |           |       |  |  |  |  |             |









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|                                   |  |  |  |  |  | 4x0,5 qmm<br>LTVCY | 4x0,5 qmm<br>LTVCY | 2x0,5 qmm<br>LTVCY |                                                                               | Leiste<br>2X6<br>2X6 = Busleitungen Feld 2 |           |        |                                                                               |      |           |       |  |             |             |             |  |
|-----------------------------------|--|--|--|--|--|--------------------|--------------------|--------------------|-------------------------------------------------------------------------------|--------------------------------------------|-----------|--------|-------------------------------------------------------------------------------|------|-----------|-------|--|-------------|-------------|-------------|--|
|                                   |  |  |  |  |  | W-81A3/2           | W-81A2/2           | W-81A1/2           | Kabel                                                                         | Ziel                                       | Anschluss | Klemme | Brücke                                                                        | Ziel | Anschluss | Kabel |  |             |             | Seite       |  |
| Wärmepumpe 1 Lobby Außeneinheit   |  |  |  |  |  |                    |                    | ws                 | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> | =RLT_2-81A1                                | F1        | 1      | <div><div></div><div></div><div></div><div></div><div></div><div></div></div> |      |           |       |  | =RLT_2/81.2 |             |             |  |
| =                                 |  |  |  |  |  |                    | br                 | =RLT_2-81A1        |                                                                               | F2                                         | 2         |        |                                                                               |      |           |       |  |             |             | =RLT_2/81.3 |  |
| Wärmepumpe 1 Lobby Inneneinheit 1 |  |  |  |  |  |                    | gn                 | =RLT_2-81A2        |                                                                               | F1                                         | 3         |        |                                                                               |      |           |       |  |             |             | =RLT_2/83.1 |  |
| =                                 |  |  |  |  |  |                    | ge                 |                    | =RLT_2-81A2                                                                   | F2                                         | 4         |        |                                                                               |      |           |       |  |             | =RLT_2/83.1 |             |  |
| Wärmepumpe 1 Lobby Inneneinheit 2 |  |  |  |  |  | gn                 |                    |                    | =RLT_2-81A3                                                                   | F1                                         | 5         |        |                                                                               |      |           |       |  |             | =RLT_2/84.1 |             |  |
| =                                 |  |  |  |  |  | ge                 |                    |                    | =RLT_2-81A3                                                                   | F2                                         | 6         |        |                                                                               |      |           |       |  |             | =RLT_2/84.1 |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |
|                                   |  |  |  |  |  |                    |                    |                    |                                                                               |                                            |           |        |                                                                               |      |           |       |  |             |             |             |  |

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|                      |  |  |  |  |  |  |  |  |       | Leiste<br>2X6.1<br>2X6.1 = Klemmleiste Busleitung RLT 1 -> RLT 2 |           |        |        |       |           |       |  |  |  |  |             |
|----------------------|--|--|--|--|--|--|--|--|-------|------------------------------------------------------------------|-----------|--------|--------|-------|-----------|-------|--|--|--|--|-------------|
|                      |  |  |  |  |  |  |  |  | Kabel | Ziel                                                             | Anschluss | Klemme | Brücke | Ziel  | Anschluss | Kabel |  |  |  |  |             |
| Busleitung von Küche |  |  |  |  |  |  |  |  |       | =RLT_2-90N1                                                      | CG        | 1      |        | 1X6.1 | 1         |       |  |  |  |  | =RLT_1/59.5 |
| =                    |  |  |  |  |  |  |  |  |       | =RLT_2-90N1                                                      | CH        | 2      |        | 1X6.1 | 2         |       |  |  |  |  | =RLT_1/59.5 |
| =                    |  |  |  |  |  |  |  |  |       | =RLT_2-90N1                                                      | CL        | 3      |        | 1X6.1 | 3         |       |  |  |  |  | =RLT_1/59.5 |
| =                    |  |  |  |  |  |  |  |  |       | =RLT_2-72P1                                                      | A         | 4      |        | 1X6.1 | 4         |       |  |  |  |  | =RLT_1/59.5 |
| =                    |  |  |  |  |  |  |  |  |       | =RLT_2-72P1                                                      | B         | 5      |        | 1X6.1 | 5         |       |  |  |  |  | =RLT_1/59.5 |
| =                    |  |  |  |  |  |  |  |  |       | =RLT_2-72P1                                                      | G         | 6      |        | 1X6.1 | 6         |       |  |  |  |  | =RLT_1/59.5 |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |
|                      |  |  |  |  |  |  |  |  |       |                                                                  |           |        |        |       |           |       |  |  |  |  |             |

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|                          |  |  |  |  |  |  |  |  |       | Leiste<br>1XL<br>1XL = Klemmleiste Beleuchtung |           |        |        |            |           |       |  |  |  |            |            |  |
|--------------------------|--|--|--|--|--|--|--|--|-------|------------------------------------------------|-----------|--------|--------|------------|-----------|-------|--|--|--|------------|------------|--|
|                          |  |  |  |  |  |  |  |  | Kabel | Ziel                                           | Anschluss | Klemme | Brücke | Ziel       | Anschluss | Kabel |  |  |  | Seite      |            |  |
| Schaltschrankbeleuchtung |  |  |  |  |  |  |  |  |       | =RLT_1-3E2                                     | L         | 1      |        | =RLT_1-3S1 | 14        |       |  |  |  | =RLT_1/3.5 |            |  |
| =                        |  |  |  |  |  |  |  |  |       | =RLT_1-3E2                                     | N         | 2      |        | =RLT_1-3F2 | N.        |       |  |  |  |            | =RLT_1/3.5 |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |
|                          |  |  |  |  |  |  |  |  |       |                                                |           |        |        |            |           |       |  |  |  |            |            |  |

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|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|---------------|--|--|--|--|--|--|--|--|-------|--------------------------------------|-----------|--------|--------|------|-----------|-------|--|--|--|--|-------------|-------|
|               |  |  |  |  |  |  |  |  |       | Leiste<br>1XR<br>1XR = Router Feld 1 |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  | Kabel | Ziel                                 | Anschluss | Klemme | Brücke | Ziel | Anschluss | Kabel |  |  |  |  |             | Seite |
| Bedientableau |  |  |  |  |  |  |  |  |       | =RLT_1-65U1                          | +         | +      | '      | 1X3  | 45        |       |  |  |  |  | =RLT_1/46.7 |       |
| =             |  |  |  |  |  |  |  |  |       | =RLT_1-65U1                          | -         | -      | '      | 1X3  | 50;-      |       |  |  |  |  | =RLT_1/46.8 |       |
| =             |  |  |  |  |  |  |  |  |       | =RLT_1-65U1                          | DI        | DI     | '      | 1X3  | 47        |       |  |  |  |  | =RLT_1/46.7 |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |
|               |  |  |  |  |  |  |  |  |       |                                      |           |        |        |      |           |       |  |  |  |  |             |       |

Kabelübersicht

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| Kabel    | Quelle<br>von | Ziel<br>bis | Kabel             | Anzahl<br>Adern | Querschnitt | Bemerkung                              |
|----------|---------------|-------------|-------------------|-----------------|-------------|----------------------------------------|
| W-3W1    | 1X01          | =RLT_1-PA   | NYM-J             | 1               | 16 qmm      | Potentialausgleich                     |
| W-11M1/1 | 1X1           | =RLT_1-11Q1 | OELFLEX 110 4G1,5 | 4               | 1,5 qmm     | Zuluftventilator Küche                 |
| W-11M1/2 | 1X3           | =RLT_1-11M1 | OELFLEX 110 4X1   | 4               | 1 qmm       | =                                      |
| W-11M1/3 | 1X4           | =RLT_1-11M1 | LIYCY             | 2               | 0,5 qmm     | =                                      |
| W-11Q1   | 1X3           | =RLT_1-11Q1 | OELFLEX 110 2X1   | 2               | 1 qmm       | Rep.-Schalter Zuluftventilator Küche   |
| W-13M1   | =RLT_1-13N1   | =RLT_1-13Q1 | OELFLEX 115 CY    | 4               | 1,5 qmm     | Abluftventilator Küche                 |
| W-13Q1   | 1X3           | =RLT_1-13Q1 | OELFLEX 110 2X1   | 2               | 1 qmm       | Rep.-Schalter Abluftventilator Küche   |
| W-13R1   | =RLT_1-13N1   | =RLT_1-13R1 | LIYCY             | 2               | 0,5 qmm     | Wicklungsfühler Zuluftventilator Küche |
| W-16Y1   | 1X3           | =RLT_1-16Y1 | OELFLEX 110 3X1   | 3               | 1 qmm       | Außenluftklappe Küche                  |
| W-16Y2   | 1X3           | =RLT_1-16Y2 | OELFLEX 110 3X1   | 3               | 1 qmm       | Fortluftklappe Küche                   |
| W-17S1   | 1X3           | =RLT_1-17S1 | J-Y(St)Y          | 2x2x            | 0,8 qmm     | Endlagenschalter BSK                   |
| W-18S1   | 1X3           | =RLT_1-18S1 | J-Y(St)Y          | 2x2x            | 0,8 qmm     | Co Warn Anlage                         |
| W-18S2   | 1X3           | =RLT_1-18S2 | J-Y(St)Y          | 2x2x            | 0,8 qmm     | Grill 1                                |
| W-18S3   | 1X3           | =RLT_1-18S3 | J-Y(St)Y          | 2x2x            | 0,8 qmm     | Grill 2                                |
| W-18S4   | 1X3           | =RLT_1-18S4 | J-Y(St)Y          | 2x2x            | 0,8 qmm     | Grill 3                                |
| W-20A1   | 1X2           | =RLT_1-20A1 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | Hauptgasventil                         |
| W-21A1/1 | 1X1           | =RLT_1-21A1 | OELFLEX 110 5G6   | 5G              | 6 qmm       | Wärmepumpe 1 Küche Außeneinheit        |
| W-21A1/2 | 1X6           | =RLT_1-21A1 | LIYCY             | 2               | 0,5 qmm     | =                                      |
| W-21A2/1 | 1X1           | =RLT_1-21A2 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | Wärmepumpe 1 Küche Inneneinheit        |
| W-21A2/2 | 1X4           | =RLT_1-21A2 | LIYCY             | 4               | 0,5 qmm     | Wärmepumpe 1 Küche Inneneinheit 1      |
| W-21A2/3 | 1X3           | =RLT_1-21A2 | OELFLEX 110 10X1  | 10              | 1 qmm       | =                                      |
| W-21A2/4 | 1X2           | =RLT_1-21A2 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | =                                      |
| W-21A3/1 | 1X1           | =RLT_1-21A3 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | Wärmepumpe 2 Küche Inneneinheit        |

1. Die Qualität und die Anforderungen an das Kabelsind beim Bauherrn oder bei der Baustellenüberwachung anzufragen. ( zum Beispiel Halogenfrei, et cetera)
2. Die angegebenen Querschnitte der Kabel sind die Minimalanforderungen. Diese sind von der Elektro - Installationsfirma zu überprüfen. ( Der Spannungsabfall ist zu berücksichtigen!)
3. Der Kabeltyp und Kabelquerschnitte sind gemäß DIN, VDE und EVU-Bestimmungen zu überprüfen.

->Blatt vorher =KLE/33

Folgeblatt -> 2

|          |       |      |       |             |                                                     |                                                                                       |                |                 |                  |             |         |         |
|----------|-------|------|-------|-------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|----------------|-----------------|------------------|-------------|---------|---------|
|          |       |      | Datum | 14.Aug.2023 | Mc Donald ´s - Thiendorf<br>Lüftung Küche und Lobby |  | Kabelübersicht | Fabr.. Nr. 6996 |                  | = KBL       | Blatt 1 |         |
|          |       |      |       | MH          |                                                     |                                                                                       |                |                 |                  | +           |         | Blatt 4 |
| Änderung | Datum | Name |       |             |                                                     |                                                                                       |                |                 | Auftr. Nr. 23432 | Z.Nr.: 9538 |         |         |

Kabelübersicht

Mueller

| Kabel    | Quelle<br>von | Ziel<br>bis | Kabel             | Anzahl<br>Adern | Querschnitt | Bemerkung                                  |
|----------|---------------|-------------|-------------------|-----------------|-------------|--------------------------------------------|
| W-21A3/2 | 1X4           | =RLT_1-22A2 | LIYCY             | 4               | 0,5 qmm     | Wärmepumpe 1 Küche Inneneinheit 2          |
| W-21A3/3 | 1X3           | =RLT_1-22A2 | OELFLEX 110 10X1  | 10              | 1 qmm       | =                                          |
| W-21A3/4 | 1X2           | =RLT_1-22A2 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | =                                          |
| W-26B1   | 1X3           | =RLT_1-26B1 | OELFLEX 110 4X1   | 4               | 1 qmm       | Rauchmelder ZUL Küche                      |
| W-31A2   | 1X7           | =RLT_1-31A2 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | Freigabe Küchengeräte                      |
| W-35M1   | 1X1           | =RLT_1-35Q2 | OELFLEX 110 4G1,5 | 4               | 1,5 qmm     | Abluftventilator Nebenräume                |
| W-46A1   | 1X3           | =RLT_1-46A1 | J-Y(ST)-Y         | 4x2x            | 0,8 qmm     | Bedientableau                              |
| W-50Y1   | 1X4           | =RLT_1-50Y1 | LIYCY             | 4               | 0,5 qmm     | Stellantrieb PWT                           |
| W-51B1   | 1X4           | =RLT_1-51B1 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdruckfühler Zuluft Küche          |
| W-51B2   | 1X4           | =RLT_1-51B2 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdruckfühler Abluft Küche          |
| W-51B3   | 1X4           | =RLT_1-51B3 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdruckfühler PWT Küche             |
| W-51B4   | 1X4           | =RLT_1-51B4 | LIYCY             | 2               | 0,5 qmm     | Außentemperaturfühler Küche                |
| W-51B5   | 1X4           | =RLT_1-51B5 | LIYCY             | 2               | 0,5 qmm     | Zulufttemperaturfühler hinter PWT Küche    |
| W-51B6   | 1X4           | =RLT_1-51B6 | LIYCY             | 2               | 0,5 qmm     | Zulufttemperaturfühler Gesamt              |
| W-51B7   | 1X4           | =RLT_1-51B7 | LIYCY             | 2               | 0,5 qmm     | Ablufttemperaturfühler Küche               |
| W-51B8   | 1X4           | =RLT_1-51B8 | LIYCY             | 2               | 0,5 qmm     | Fortlufttemperaturfühler Küche             |
| W-56B1   | 1X4           | =RLT_1-56B1 | LIYCY             | 5               | 0,5 qmm     | Raumfühler CO 2 / Temperatur Lobby         |
| W-56B2   | 1X4           | =RLT_1-56B2 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdrucksensor Außenluftfilter Küche |
| W-56B3   | 1X4           | =RLT_1-56B3 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdrucksensor Zuluftfilter Küche    |
| W-56B4   | 1X4           | =RLT_1-56B4 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdrucksensor Abluftfilter Küche    |
| W-72M1/1 | 2X1           | =RLT_2-72Q1 | OELFLEX 110 4G1,5 | 4               | 1,5 qmm     | Zuluftventilator Lobby                     |
| W-72M1/3 | 2X3           | =RLT_2-72M1 | OELFLEX 110 4X1   | 4               | 1 qmm       | =                                          |
| W-72M1/4 | 2X4           | =RLT_2-72M1 | LIYCY             | 2               | 0,5 qmm     | =                                          |

1. Die Qualität und die Anforderungen an das Kabelsind beim Bauherrn oder bei der Baustellenüberwachung anzufragen. ( zum Beispiel Halogenfrei, et cetera)

2. Die angegebenen Querschnitte der Kabel sind die Minimalanforderungen. Diese sind von der Elektro - Installationsfirma zu überprüfen. ( Der Spannungsabfall ist zu berücksichtigen!)

3. Der Kabeltyp und Kabelquerschnitte sind gemäß DIN, VDE und EVU-Bestimmungen zu überprüfen.

->Blatt vorher 1

Folgeblatt -> 3

|          |       |      |       |             |                                                     |                                                                                       |                |                  |             |       |         |
|----------|-------|------|-------|-------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|----------------|------------------|-------------|-------|---------|
|          |       |      | Datum | 14.Aug.2023 | Mc Donald ´s - Thiendorf<br>Lüftung Küche und Lobby |  | Kabelübersicht | Fabr.. Nr. 6996  |             | = KBL | Blatt 2 |
|          |       |      |       | MH          |                                                     |                                                                                       |                |                  |             | +     |         |
| Änderung | Datum | Name |       |             |                                                     |                                                                                       |                | Auftr. Nr. 23432 | Z.Nr.: 9538 |       | Blatt 4 |

Kabelübersicht

Mueller

| Kabel    | Quelle<br>von | Ziel<br>bis | Kabel             | Anzahl<br>Adern | Querschnitt | Bemerkung                               |
|----------|---------------|-------------|-------------------|-----------------|-------------|-----------------------------------------|
| W-72Q1   | 2X3           | =RLT_2-72Q1 | OELFLEX 110 2X1   | 2               | 1 qmm       | Rep.-Schalter Zuluftventilator Lobby    |
| W-73M1/1 | 2X1           | =RLT_2-73Q1 | OELFLEX 110 4G1,5 | 4               | 1,5 qmm     | Abluftventilator Lobby                  |
| W-73M1/3 | 2X3           | =RLT_2-73M1 | OELFLEX 110 4X1   | 4               | 1 qmm       | =                                       |
| W-73M1/4 | 2X4           | =RLT_2-73M1 | LIYCY             | 2               | 0,5 qmm     | =                                       |
| W-73Q1   | 2X3           | =RLT_2-73Q1 | OELFLEX 110 2X1   | 2               | 1 qmm       | Rep.-Schalter Abluftventilator Lobby    |
| W-76Y1   | 2X3           | =RLT_2-76Y1 | OELFLEX 110 3X1   | 3               | 1 qmm       | Außenluftklappe Lobby                   |
| W-76Y2   | 2X3           | =RLT_2-76Y2 | OELFLEX 110 3X1   | 3               | 1 qmm       | Fortluftklappe Lobby                    |
| W-80B1   | 2X3           | =RLT_2-80B1 | OELFLEX 110 4X1   | 4               | 1 qmm       | Rauchmelder Lobby                       |
| W-81A1/1 | 2X1           | =RLT_2-81A1 | OELFLEX 110 5G6   | 5G              | 6 qmm       | Wärmepumpe 1 Lobby Außeneinheit         |
| W-81A1/2 | 2X6           | =RLT_2-81A1 | LIYCY             | 2               | 0,5 qmm     | =                                       |
| W-81A2/1 | 2X1           | =RLT_2-81A2 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | Wärmepumpe 1 Lobby Inneneinheit 1       |
| W-81A2/2 | 2X4           | =RLT_2-81A2 | LIYCY             | 4               | 0,5 qmm     | Wärmepumpe 1 Lobby Inneneinheit 1       |
| W-81A2/3 | 2X3           | =RLT_2-81A2 | OELFLEX 110 10X1  | 10              | 1 qmm       | =                                       |
| W-81A2/4 | 2X2           | =RLT_2-81A2 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | =                                       |
| W-81A3/1 | 2X1           | =RLT_2-81A3 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | Wärmepumpe 1 Lobby Inneneinheit 2       |
| W-81A3/2 | 2X4           | =RLT_2-81A3 | LIYCY             | 4               | 0,5 qmm     | Wärmepumpe 1 Lobby Inneneinheit 2       |
| W-81A3/3 | 2X3           | =RLT_2-81A3 | OELFLEX 110 10X1  | 10              | 1 qmm       | =                                       |
| W-81A3/4 | 2X2           | =RLT_2-81A3 | OELFLEX 110 3G1,5 | 3               | 1,5 qmm     | =                                       |
| W-94B1   | 2X4           | =RLT_2-94B1 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdrucksensor Zuluft Lobby       |
| W-94B2   | 2X4           | =RLT_2-94B2 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdrucksensor Abluft Lobby       |
| W-94B3   | 2X4           | =RLT_2-94B3 | LIYCY-TP          | 2x2x            | 0,75 qmm    | Differenzdrucksensor PWT Lobby          |
| W-94B4   | 2X4           | =RLT_2-94B4 | LIYCY             | 2               | 0,5 qmm     | Zulufttemperaturfühler hinter PWT Lobby |
| W-94B5   | 2X4           | =RLT_2-94B5 | LIYCY             | 2               | 0,5 qmm     | Zulufttemperaturfühler Gesamt Lobby     |

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2. Die angegebenen Querschnitte der Kabel sind die Minimalanforderungen. Diese sind von der Elektro - Installationsfirma zu überprüfen. ( Der Spannungsabfall ist zu berücksichtigen!)

3. Der Kabeltyp und Kabelquerschnitte sind gemäß DIN, VDE und EVU-Bestimmungen zu überprüfen.

->Blatt vorher 2

Folgeblatt -> 4

|          |       |      |       |             |                                                     |                                                                                       |                |                  |             |       |         |
|----------|-------|------|-------|-------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|----------------|------------------|-------------|-------|---------|
|          |       |      | Datum | 14.Aug.2023 | Mc Donald ´s - Thiendorf<br>Lüftung Küche und Lobby |  | Kabelübersicht | Fabr.. Nr. 6996  |             | = KBL | Blatt 3 |
|          |       |      |       | MH          |                                                     |                                                                                       |                |                  |             | +     |         |
| Änderung | Datum | Name |       |             |                                                     |                                                                                       |                | Auftr. Nr. 23432 | Z.Nr.: 9538 |       | Blatt 4 |



Stückliste

Mueller

| Bauteil-<br>benennung | Schaltplan<br>Position | Menge | Bezeichnung<br>Hersteller                   | Typnummer<br>Hersteller          | Hersteller            | Pos |
|-----------------------|------------------------|-------|---------------------------------------------|----------------------------------|-----------------------|-----|
| =RLT_1-3T1            | =RLT_1/3.1             | 1     | Stromwandler 150/5 A                        | SCT-T24 150/5A                   | B+GE-Tech             | 11  |
| =RLT_1-3T2            | =RLT_1/3.1             | 1     | Stromwandler 150/5 A                        | SCT-T24 150/5A                   | B+GE-Tech             | 12  |
| =RLT_1-3T3            | =RLT_1/3.1             | 1     | Stromwandler 150/5 A                        | SCT-T24 150/5A                   | B+GE-Tech             | 13  |
| =RLT_1-4K1            | =RLT_1/4.3             | 1     | Phasenüberwachung, 2 Wechsler               | PFD2-E12                         | BTR Metz Connect GMBH |     |
| =RLT_1-46N1           | =RLT_1/46.1            | 1     | High Power Controller                       | DEOS - 500/5 open                | DEOS AG               |     |
| =RLT_1-56N1           | =RLT_1/56.0            | 1     | Analog Ein / Ausgangsmodul 8 x AI / 4 x AO  | DS-C-AI8AO4                      | DEOS AG               |     |
| =RLT_2-94N1           | =RLT_2/94.0            | 1     | Analog Ein / Ausgangsmodul 8 x AI / 4 x AO  | DS-C-AI8AO4                      | DEOS AG               |     |
| =RLT_1-54N1           | =RLT_1/54.0            | 1     | Digital Ein / Ausgangsmodul 8 x DI / 8 x DO | DS-C-DI8 DO8T                    | DEOS AG               |     |
| =RLT_2-91N1           | =RLT_2/91.0            | 1     | Digital Ein / Ausgangsmodul 8 x DI / 8 x DO | DS-C-DI8 DO8T                    | DEOS AG               |     |
| =RLT_1-46N2           | =RLT_1/46.7            | 1     | Einspeisemodul 24V und Bus                  | PKM                              | DEOS AG               |     |
| =RLT_2-90N1           | =RLT_2/90.2            | 1     | Einspeisemodul 24V und Bus                  | PKM                              | DEOS AG               |     |
| =RLT_2-90N2           | =RLT_2/90.4            | 1     | Einspeisemodul 24V und Bus                  | PKM                              | DEOS AG               |     |
| =RLT_1-13N1           | =RLT_1/13.1            | 1     | Frequenzumrichter 4,0KW / 10A / IP 20       | FC-102 P4K0T4 E20 H3 X G         | Danfoss               |     |
| =RLT_1-8P1            | =RLT_1/8.1             | 1     | KWH Zähler 400V / 63 A Wandlermessung       | EASTRON SDM 630M - CT            | EASTRON               |     |
| =RLT_1-11P1           | =RLT_1/11.0            | 1     | KWH Zähler 400V / 63 A Direktmessung        | EASTRON SDM 630M Modbus V2 / MID | EASTRON               |     |
| =RLT_1-13P1           | =RLT_1/13.0            | 1     | KWH Zähler 400V / 63 A Direktmessung        | EASTRON SDM 630M Modbus V2 / MID | EASTRON               |     |
| =RLT_1-21P1           | =RLT_1/21.0            | 1     | KWH Zähler 400V / 63 A Direktmessung        | EASTRON SDM 630M Modbus V2 / MID | EASTRON               |     |
| =RLT_2-72P1           | =RLT_2/72.0            | 1     | KWH Zähler 400V / 63 A Direktmessung        | EASTRON SDM 630M Modbus V2 / MID | EASTRON               |     |
| =RLT_2-73P1           | =RLT_2/73.0            | 1     | KWH Zähler 400V / 63 A Direktmessung        | EASTRON SDM 630M Modbus V2 / MID | EASTRON               |     |

Stückliste

Mueller

| Bauteil-<br>benennung | Schaltplan<br>Position | Menge | Bezeichnung<br>Hersteller               | Typnummer<br>Hersteller          | Hersteller          | Pos |
|-----------------------|------------------------|-------|-----------------------------------------|----------------------------------|---------------------|-----|
| =RLT_2-81P1           | =RLT_2/81.0            | 1     | KWH Zähler 400V / 63 A Direktmessung    | EASTRON SDM 630M Modbus V2 / MID | EASTRON             |     |
| =RLT_1-35K1           | =RLT_1/35.4            | 1     | Schuetz 4 KW 24V DC 1S                  | DIL MC9-10 (24VDC)               | Eaton Electric Gmbh | 43  |
| =RLT_1-4F1            | =RLT_1/4.3             | 1     | Sicherungsautomat B - 6A 1 polig 10 KA  | FAZ-B6/1                         | Eaton Electric Gmbh |     |
| =RLT_1-4F2            | =RLT_1/4.4             | 1     | Sicherungsautomat B - 6A 1 polig 10 KA  | FAZ-B6/1                         | Eaton Electric Gmbh |     |
| =RLT_1-4F3            | =RLT_1/4.4             | 1     | Sicherungsautomat B - 6A 1 polig 10 KA  | FAZ-B6/1                         | Eaton Electric Gmbh |     |
| =RLT_1-21F2           | =RLT_1/21.4            | 1     | Sicherungsautomat B - 10A 1 polig 10 kA | FAZ-B10/1                        | Eaton Electric Gmbh |     |
| =RLT_1-21F3           | =RLT_1/21.6            | 1     | Sicherungsautomat B - 10A 1 polig 10 kA | FAZ-B10/1                        | Eaton Electric Gmbh |     |
| =RLT_2-81F2           | =RLT_2/81.4            | 1     | Sicherungsautomat B - 10A 1 polig 10 kA | FAZ-B10/1                        | Eaton Electric Gmbh |     |
| =RLT_2-81F3           | =RLT_2/81.6            | 1     | Sicherungsautomat B - 10A 1 polig 10 kA | FAZ-B10/1                        | Eaton Electric Gmbh |     |
| =RLT_1-11F1           | =RLT_1/11.1            | 1     | Sicherungsautomat B - 10A 3 polig 10 kA | FAZ-B10/3                        | Eaton Electric Gmbh |     |
| =RLT_1-13F1           | =RLT_1/13.1            | 1     | Sicherungsautomat B - 10A 3 polig 10 kA | FAZ-B10/3                        | Eaton Electric Gmbh |     |
| =RLT_1-35F1           | =RLT_1/35.2            | 1     | Sicherungsautomat B - 10A 3 polig 10 kA | FAZ-B10/3                        | Eaton Electric Gmbh |     |
| =RLT_2-72F1           | =RLT_2/72.1            | 1     | Sicherungsautomat B - 10A 3 polig 10 kA | FAZ-B10/3                        | Eaton Electric Gmbh |     |
| =RLT_2-73F1           | =RLT_2/73.1            | 1     | Sicherungsautomat B - 10A 3 polig 10 kA | FAZ-B10/3                        | Eaton Electric Gmbh |     |
| =RLT_1-5F2            | =RLT_1/5.3             | 1     | Sicherungsautomat C - 4A 1 polig 10 kA  | FAZ-C4/1                         | Eaton Electric Gmbh |     |
| =RLT_1-5F3            | =RLT_1/5.4             | 1     | Sicherungsautomat C - 4A 1 polig 10 kA  | FAZ-C4/1                         | Eaton Electric Gmbh |     |
| =RLT_1-5F1            | =RLT_1/5.2             | 1     | Sicherungsautomat C - 6A 1 polig 10 kA  | FAZ-C6/1                         | Eaton Electric Gmbh |     |
| =RLT_1-21F1           | =RLT_1/21.1            | 1     | Sicherungsautomat C - 32A 3 polig 10 kA | FAZ-C32/3                        | Eaton Electric Gmbh |     |
| =RLT_2-81F1           | =RLT_2/81.1            | 1     | Sicherungsautomat C - 40A 3 polig 10 kA | FAZ-C40/3                        | Eaton Electric Gmbh |     |

Stückliste

Mueller

| Bauteil-<br>benennung | Schaltplan<br>Position | Menge | Bezeichnung<br>Hersteller           | Typnummer<br>Hersteller | Hersteller          | Pos |
|-----------------------|------------------------|-------|-------------------------------------|-------------------------|---------------------|-----|
| =RLT_1-35F1           | =RLT_1/35.2            | 1     | Hilfsschalter für Automaten 1S / 1Ö | FAZ-XHIN11              | Eaton Electric Gmbh |     |
| =RLT_1-7S1            | =RLT_1/7.1             | 1     | Drucktaster Schwarz mit 1 Ö         | M22-D-S+K01             | Eaton Electric Gmbh |     |
| =RLT_1-3S1            | =RLT_1/3.5             | 1     | Kontaktelement 1 Schließer          | M22-K10                 | Eaton Electric Gmbh |     |
| =RLT_1-14S1           | =RLT_1/14.0            | 2     | Kontaktelement 1 Schließer          | M22-K10                 | Eaton Electric Gmbh |     |
| =RLT_1-14S1           | =RLT_1/14.0            | 1     | Wahlschalter schwarz - 3 Stellungen | M22-WRK3+K10+K10        | Eaton Electric Gmbh |     |
| =RLT_1-47S1           | =RLT_1/47.0            | 1     | Wahlschalter schwarz - 3 Stellungen | M22-WRK3+K10+K10        | Eaton Electric Gmbh |     |
| =RLT_1-3S1            | =RLT_1/3.5             | 1     | Wahlschalter schwarz - 2 Stellungen | M22-WRK+K10             | Eaton Electric Gmbh |     |
| =RLT_1-3Q1            | =RLT_1/3.1             | 1     | Fingerschutz für NZM 1              | NZM1-XIPK               | Eaton Electric Gmbh |     |
| =RLT_1-3Q1            | =RLT_1/3.1             | 1     | Abdeckung Schraubanschluß           | NZM1-XKSA               | Eaton Electric Gmbh |     |
| =RLT_1-3Q1            | =RLT_1/3.1             | 1     | Drehgriff rot - GELB für NZMN 1     | NZM1-XTVDVR             | Eaton Electric Gmbh |     |
| =RLT_1-3Q1            | =RLT_1/3.1             | 1     | Hauptschalter 125 A 3 polig         | PN1-125                 | Eaton Electric Gmbh |     |
| =RLT_1-3B2            | =RLT_1/3.8             | 1     | Schaltschrankthermostat Kühlen      | 7T.81.0.000.2303        | Finder Relais       |     |
| =RLT_1-3X1            | =RLT_1/3.6             | 1     | Steckdose 230V / 10 A gelb          | 07.98.00                | Finder Relais       |     |
| =RLT_1-3X2            | =RLT_1/3.7             | 1     | Steckdose 230V / 10 A gelb          | 07.98.00                | Finder Relais       |     |
| =RLT_1-48K1           | =RLT_1/48.4            | 1     | Koppelrelais 24V DC 1W mit LED      | 38.51.7.024.0050        | Finder Relais       |     |
| =RLT_1-48K2           | =RLT_1/48.5            | 1     | Koppelrelais 24V DC 1W mit LED      | 38.51.7.024.0050        | Finder Relais       |     |
| =RLT_1-48K3           | =RLT_1/48.6            | 1     | Koppelrelais 24V DC 1W mit LED      | 38.51.7.024.0050        | Finder Relais       |     |
| =RLT_1-48K4           | =RLT_1/48.6            | 1     | Koppelrelais 24V DC 1W mit LED      | 38.51.7.024.0050        | Finder Relais       |     |
| =RLT_1-48K5           | =RLT_1/48.7            | 1     | Koppelrelais 24V DC 1W mit LED      | 38.51.7.024.0050        | Finder Relais       |     |

Stückliste

Mueller

| Bauteil-<br>benennung | Schaltplan<br>Position | Menge | Bezeichnung<br>Hersteller          | Typnummer<br>Hersteller  | Hersteller    | Pos |
|-----------------------|------------------------|-------|------------------------------------|--------------------------|---------------|-----|
| =RLT_1-55K2           | =RLT_1/55.2            | 1     | Koppelrelais 24V DC 1W mit LED     | 38.51.7.024.0050         | Finder Relais |     |
| =RLT_1-55K4           | =RLT_1/55.4            | 1     | Koppelrelais 24V DC 1W mit LED     | 38.51.7.024.0050         | Finder Relais |     |
| =RLT_2-92K1           | =RLT_2/92.1            | 1     | Koppelrelais 24V DC 1W mit LED     | 38.51.7.024.0050         | Finder Relais |     |
| =RLT_2-92K3           | =RLT_2/92.3            | 1     | Koppelrelais 24V DC 1W mit LED     | 38.51.7.024.0050         | Finder Relais |     |
| =RLT_2-92K5           | =RLT_2/92.5            | 1     | Koppelrelais 24V DC 1W mit LED     | 38.51.7.024.0050         | Finder Relais |     |
| =RLT_1-7K2            | =RLT_1/7.2             | 1     | Miniaturrelais 4 Wechsler 230 V AC | 55.34.8.230.0040 + 94.P4 | Finder Relais |     |
| =RLT_1-23K1           | =RLT_1/23.8            | 1     | Miniaturrelais 4 Wechsler 230 V AC | 55.34.8.230.0040 + 94.P4 | Finder Relais |     |
| =RLT_1-24K1           | =RLT_1/24.8            | 1     | Miniaturrelais 4 Wechsler 230 V AC | 55.34.8.230.0040 + 94.P4 | Finder Relais |     |
| =RLT_2-83K1           | =RLT_2/83.8            | 1     | Miniaturrelais 4 Wechsler 230 V AC | 55.34.8.230.0040 + 94.P4 | Finder Relais |     |
| =RLT_2-84K1           | =RLT_2/84.8            | 1     | Miniaturrelais 4 Wechsler 230 V AC | 55.34.8.230.0040 + 94.P4 | Finder Relais |     |
| =RLT_1-9K1            | =RLT_1/9.6             | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |
| =RLT_1-9K2            | =RLT_1/9.7             | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |
| =RLT_1-13K1           | =RLT_1/13.6            | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |
| =RLT_1-14K2           | =RLT_1/14.7            | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |
| =RLT_1-17K1           | =RLT_1/17.2            | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |
| =RLT_1-18K1           | =RLT_1/18.5            | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |
| =RLT_1-18K2           | =RLT_1/18.6            | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |
| =RLT_1-18K3           | =RLT_1/18.7            | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |
| =RLT_1-26K1           | =RLT_1/26.6            | 1     | Miniaturrelais 4 Wechsler 24 V DC  | 55.34.9.024.0090 + 94.P4 | Finder Relais |     |

Stückliste

Mueller

| Bauteil-<br>benennung | Schaltplan<br>Position | Menge | Bezeichnung<br>Hersteller         | Typnummer<br>Hersteller  | Hersteller                 | Pos |
|-----------------------|------------------------|-------|-----------------------------------|--------------------------|----------------------------|-----|
| =RLT_1-55K1           | =RLT_1/55.1            | 1     | Miniaturrelais 4 Wechsler 24 V DC | 55.34.9.024.0090 + 94.P4 | Finder Relais              |     |
| =RLT_1-55K3           | =RLT_1/55.3            | 1     | Miniaturrelais 4 Wechsler 24 V DC | 55.34.9.024.0090 + 94.P4 | Finder Relais              |     |
| =RLT_2-75K1           | =RLT_2/75.2            | 1     | Miniaturrelais 4 Wechsler 24 V DC | 55.34.9.024.0090 + 94.P4 | Finder Relais              |     |
| =RLT_2-75K2           | =RLT_2/75.4            | 1     | Miniaturrelais 4 Wechsler 24 V DC | 55.34.9.024.0090 + 94.P4 | Finder Relais              |     |
| =RLT_2-80K1           | =RLT_2/80.6            | 1     | Miniaturrelais 4 Wechsler 24 V DC | 55.34.9.024.0090 + 94.P4 | Finder Relais              |     |
| =RLT_2-92K2           | =RLT_2/92.2            | 1     | Miniaturrelais 4 Wechsler 24 V DC | 55.34.9.024.0090 + 94.P4 | Finder Relais              |     |
| =RLT_2-92K4           | =RLT_2/92.4            | 1     | Miniaturrelais 4 Wechsler 24 V DC | 55.34.9.024.0090 + 94.P4 | Finder Relais              |     |
| =RLT_1-14K1           | =RLT_1/14.5            | 1     | Multifunktions Zeitrelais         | 83.02.0.240.0000         | Finder Relais              |     |
| =RLT_1-7K1            | =RLT_1/7.1             | 1     | Zeitrelais 230V AC 4 Wechsler     | 85.04.8.240.0000 + 94.P4 | Finder Relais              |     |
| =RLT_1-65U1           | =RLT_1/46.7            | 1     | IXrouter3 Ethernet                | IX2400                   |                            |     |
| =RLT_1-48H2           | =RLT_1/48.1            | 1     | LED ROT 24V DC                    | 17-040.2                 | Lumitas                    |     |
| =RLT_1-48H1           | =RLT_1/48.1            | 1     | LED grün 24V DC                   | 17-040.5                 | Lumitas                    |     |
| =RLT_1-4H1            | =RLT_1/4.5             | 1     | LED grün 230V AC                  | 17-510431                | Lumitas                    |     |
| =RLT_1-4H2            | =RLT_1/4.6             | 1     | LED grün 230V AC                  | 17-510431                | Lumitas                    |     |
| =RLT_1-4H3            | =RLT_1/4.7             | 1     | LED grün 230V AC                  | 17-510431                | Lumitas                    |     |
| =RLT_1-5G1            | =RLT_1/5.2             | 1     | Netzteil 230V AC / 24V DC - 10A   | NDR-240-24               | MeanWell                   |     |
| =RLT_1-Schrank        | =RLT_1/3.3             | 1     | Bedientableau 250 x 180 mm        | Schaltpanel              | Mueller Schaltanlagen GmbH |     |
| =RLT_1-23R1           | =RLT_1/23.7            | 1     | Montageplatte mit 16 Lötunkten    | MP 16                    | Murr Elektronik            |     |
| =RLT_2-83R1           | =RLT_2/83.7            | 1     | Montageplatte mit 16 Lötunkten    | MP 16                    | Murr Elektronik            |     |

Stückliste

Mueller

| Bauteil-<br>benennung | Schaltplan<br>Position | Menge | Bezeichnung<br>Hersteller | Typnummer<br>Hersteller | Hersteller      | Pos |
|-----------------------|------------------------|-------|---------------------------|-------------------------|-----------------|-----|
| 1X7                   |                        | 2     | Durchgangsklemme          | PT 2,5 OG               | Phoenix Contact |     |
| 1X7                   |                        | 1     | PE Zugfederklemme 2,5 qmm | PT 2,5-PE               | Phoenix Contact |     |
| =RLT_1-Schrank        | =RLT_1/3.3             | 11    | Durchgangsklemme          | PT 2,5-QUATTRO          | Phoenix Contact |     |
| =RLT_1-Schrank        | =RLT_1/3.3             | 18    | Durchgangsklemme          | PT 2,5-QUATTRO BU       | Phoenix Contact |     |
| =RLT_1-Schrank        | =RLT_1/3.3             | 5     | PE Durchgangsklemme       | PT 2,5-QUATTRO-PE       | Phoenix Contact |     |
| 1X1                   |                        | 5     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 1X01                  |                        | 1     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 1X2                   |                        | 3     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 1X3                   |                        | 55    | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 1X3.1                 |                        | 7     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 1X6                   |                        | 6     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 1X6.1                 |                        | 6     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 1XL                   |                        | 1     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 1XR                   |                        | 3     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 2X1                   |                        | 8     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 2X2                   |                        | 2     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 2X3                   |                        | 40    | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 2X3.1                 |                        | 7     | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |
| 2X4                   |                        | 40    | Zugfederklemme 2,5 qmm    | PTI 2,5                 | Phoenix Contact |     |





Artikelsummenstückliste

Mueller

| Lieferant             | Bestellnummer | Bezeichnung                                 | Typnummer                        | Menge | Lager | Bestellen |
|-----------------------|---------------|---------------------------------------------|----------------------------------|-------|-------|-----------|
|                       |               |                                             |                                  | 0     |       |           |
| B+GE-Tech             |               |                                             |                                  |       |       |           |
|                       |               | Stromwandler 150/5 A                        | SCT-T24 150/5A                   | 3     |       |           |
| BTR Metz Connect GMBH |               |                                             |                                  |       |       |           |
|                       | 110292032215  | Phasenüberwachung, 2 Wechsler               | PFD2-E12                         | 1     |       |           |
| DEOS AG               |               |                                             |                                  |       |       |           |
|                       |               | High Power Controller                       | DEOS - 500/5 open                | 1     |       |           |
|                       |               | Analog Ein / Ausgangsmodul 8 x AI / 4 x AO  | DS-C-AI8AO4                      | 2     |       |           |
|                       |               | Digital Ein / Ausgangsmodul 8 x DI / 8 x DO | DS-C-DI8 DO8T                    | 2     |       |           |
|                       |               | Einspeisemodul 24V und Bus                  | PKM                              | 3     |       |           |
| Danfoss               |               |                                             |                                  |       |       |           |
|                       |               | Frequenzumrichter 4,0KW / 10A / IP 20       | FC-102 P4K0T4 E20 H3 X G         | 1     |       |           |
| EASTRON               |               |                                             |                                  |       |       |           |
|                       |               | KWH Zähler 400V / 63 A Wandlermessung       | EASTRON SDM 630M - CT            | 1     |       |           |
|                       |               | KWH Zähler 400V / 63 A Direktmessung        | EASTRON SDM 630M Modbus V2 / MID | 6     |       |           |
| Eaton Electric Gmbh   |               |                                             |                                  |       |       |           |
|                       | 277468        | Schuetz 4 KW 24V DC 1S                      | DIL MC9-10 (24VDC)               | 1     |       |           |
|                       | 278529        | Sicherungsautomat B - 6A 1 polig 10 KA      | FAZ-B6/1                         | 3     |       |           |
|                       | 278531        | Sicherungsautomat B - 10A 1 polig 10 kA     | FAZ-B10/1                        | 4     |       |           |
|                       | 278843        | Sicherungsautomat B - 10A 3 polig 10 kA     | FAZ-B10/3                        | 5     |       |           |
|                       | 278553        | Sicherungsautomat C - 4A 1 polig 10 kA      | FAZ-C4/1                         | 2     |       |           |
|                       | 278555        | Sicherungsautomat C - 6A 1 polig 10 kA      | FAZ-C6/1                         | 1     |       |           |
|                       | 278876        | Sicherungsautomat C - 32A 3 polig 10 kA     | FAZ-C32/3                        | 1     |       |           |
|                       | 278877        | Sicherungsautomat C - 40A 3 polig 10 kA     | FAZ-C40/3                        | 1     |       |           |
|                       | 286054        | Hilfsschalter für Automaten 1S / 1Ö         | FAZ-XHIN11                       | 1     |       |           |
|                       |               | Drucktaster Schwarz mit 1 Ö                 | M22-D-S+K01                      | 1     |       |           |
|                       | 216376        | Kontaktelement 1 Schließer                  | M22-K10                          | 3     |       |           |

Artikelsummenstückliste

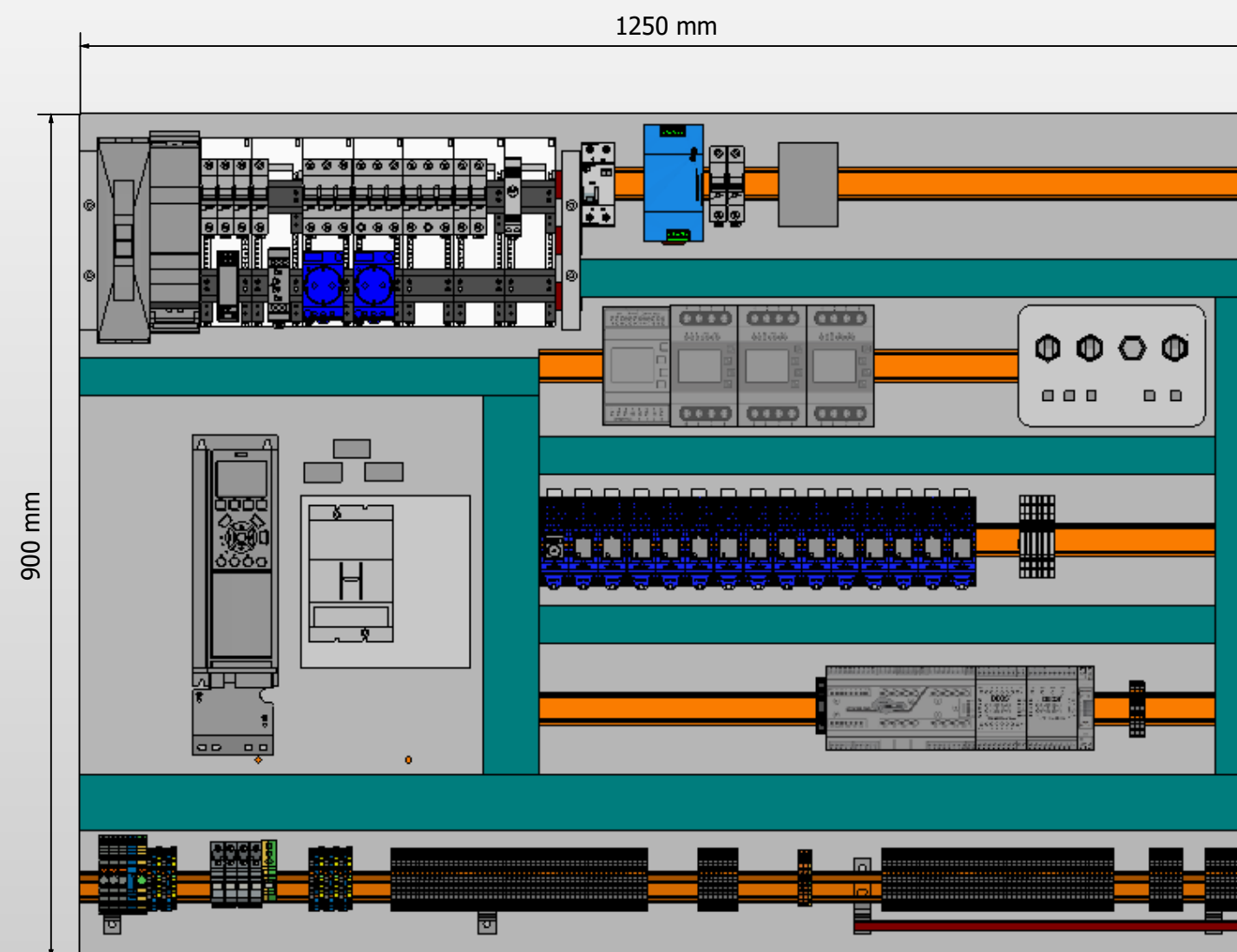
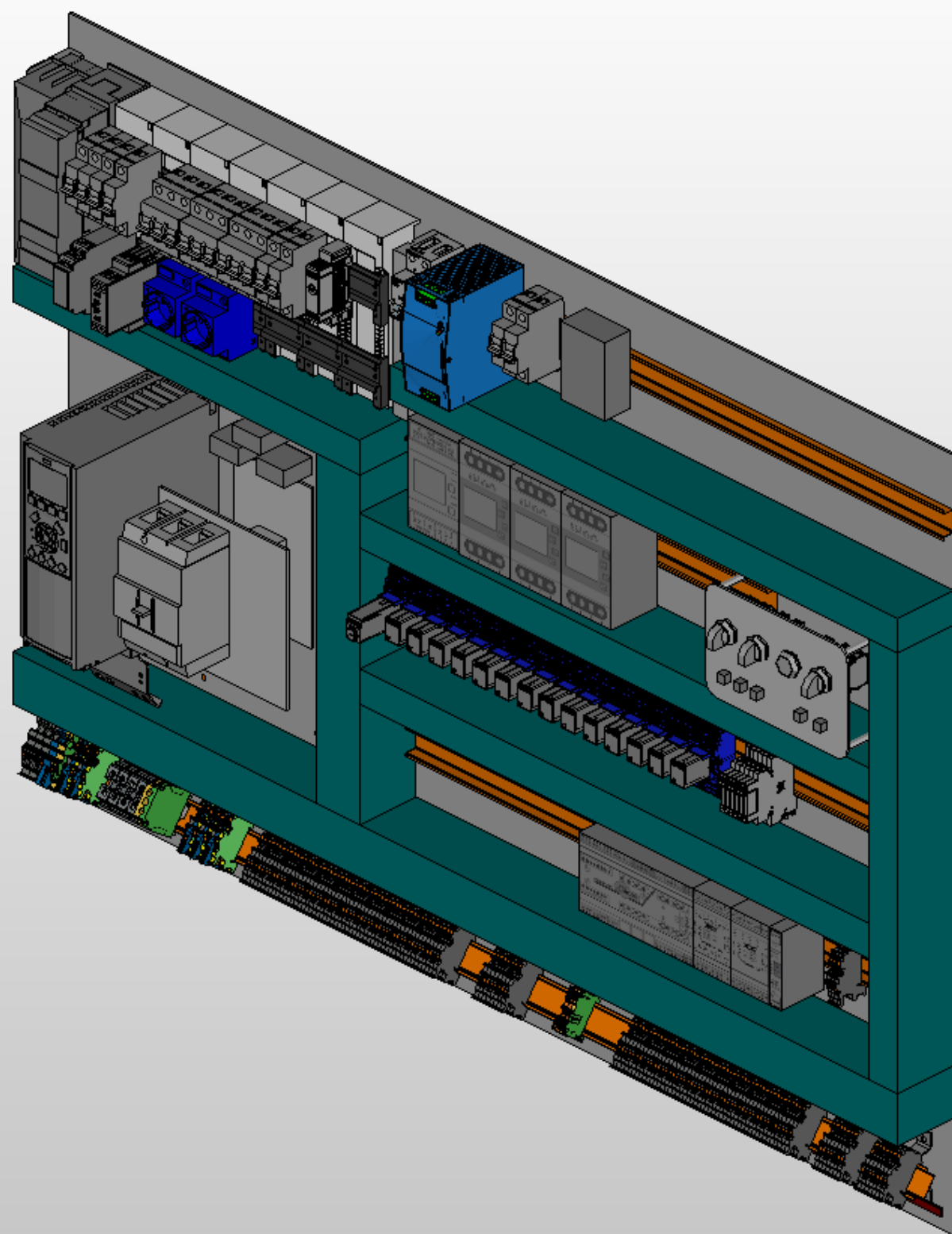
Mueller

| Lieferant                  | Bestellnummer    | Bezeichnung                         | Typnummer                | Menge | Lager | Bestellen |
|----------------------------|------------------|-------------------------------------|--------------------------|-------|-------|-----------|
| Eaton Electric Gmbh        |                  |                                     |                          |       |       |           |
|                            | 216872           | Wahlschalter schwarz - 3 Stellungen | M22-WRK3+K10+K10         | 2     |       |           |
|                            | 216518           | Wahlschalter schwarz - 2 Stellungen | M22-WRK+K10              | 1     |       |           |
|                            |                  | Fingerschutz für NZM 1              | NZM1-XIPK                | 1     |       |           |
|                            |                  | Abdeckung Schraubanschluß           | NZM1-XKSA                | 1     |       |           |
|                            |                  | Drehgriff rot - GELB für NZMN 1     | NZM1-XTVDVR              | 1     |       |           |
|                            |                  | Hauptschalter 125 A 3 polig         | PN1-125                  | 1     |       |           |
| Finder Relais              |                  |                                     |                          |       |       |           |
|                            | 7T.81.0.000.2303 | Schaltschrankthermostat Kühlen      | 7T.81.0.000.2303         | 1     |       |           |
|                            | 07.98.00         | Steckdose 230V / 10 A gelb          | 07.98.00                 | 2     |       |           |
|                            | 38.51.7.024.0050 | Koppelrelais 24V DC 1W mit LED      | 38.51.7.024.0050         | 10    |       |           |
|                            | 55.34.8.230.0040 | Miniaturrelais 4 Wechsler 230 V AC  | 55.34.8.230.0040 + 94.P4 | 5     |       |           |
|                            | 55.34.9.024.0090 | Miniaturrelais 4 Wechsler 24 V DC   | 55.34.9.024.0090 + 94.P4 | 16    |       |           |
|                            | 83.02.0.240.0000 | Multifunktions Zeitrelais           | 83.02.0.240.0000         | 1     |       |           |
|                            | 85.04.8.240.0000 | Zeitrelais 230V AC 4 Wechsler       | 85.04.8.240.0000 + 94.P4 | 1     |       |           |
|                            |                  |                                     |                          |       |       |           |
|                            | IX2400           | IXrouter3 Ethernet                  | IX2400                   | 1     |       |           |
| Lumitas                    |                  |                                     |                          |       |       |           |
|                            |                  | LED ROT 24V DC                      | 17-040.2                 | 1     |       |           |
|                            |                  | LED grün 24V DC                     | 17-040.5                 | 1     |       |           |
|                            |                  | LED grün 230V AC                    | 17-510431                | 3     |       |           |
| MeanWell                   |                  |                                     |                          |       |       |           |
|                            |                  | Netzteil 230V AC / 24V DC - 10A     | NDR-240-24               | 1     |       |           |
| Mueller Schaltanlagen GmbH |                  |                                     |                          |       |       |           |
|                            |                  | Bedientableau 250 x 180 mm          | Schaltpanel              | 1     |       |           |
| Murr Elektronik            |                  |                                     |                          |       |       |           |
|                            |                  | Montageplatte mit 16 Lötpunkten     | MP 16                    | 2     |       |           |

Artikelsummenstückliste

Mueller

| Lieferant        | Bestellnummer | Bezeichnung                      | Typnummer         | Menge | Lager | Bestellen |
|------------------|---------------|----------------------------------|-------------------|-------|-------|-----------|
| Phoenix Contact  |               |                                  |                   |       |       |           |
|                  | 3212329       | Durchgangsklemme                 | PT 2,5 OG         | 2     |       |           |
|                  | 3209536       | PE Zugfederklemme 2,5 qmm        | PT 2,5-PE         | 1     |       |           |
|                  | 3209578       | Durchgangsklemme                 | PT 2,5-QUATTRO    | 11    |       |           |
|                  | 3209581       | Durchgangsklemme                 | PT 2,5-QUATTRO BU | 18    |       |           |
|                  | 3209594       | PE Durchgangsklemme              | PT 2,5-QUATTRO-PE | 5     |       |           |
|                  | 3213968       | Zugfederklemme 2,5 qmm           | PTI 2,5           | 196   |       |           |
|                  | 3213969       | Klemme blau 2,5 qmm              | PTI 2,5 BU        | 1     |       |           |
|                  | 3213962       | PE - Zugfederklemme 2,5 qmm      | PTI 2,5-PE        | 13    |       |           |
|                  | 3214029       | Klemme 16 qmm                    | PTI 16/S          | 6     |       |           |
|                  | 3214024       | PE - Klemme 16 qmm               | PTI 16/S-PE       | 3     |       |           |
|                  | 3213963       | N - Trennklemme 2,5 qmm          | PTN 2,5           | 10    |       |           |
|                  | 3214025       | N-Trennklemme                    | PTN 16/S          | 2     |       |           |
|                  | 3209604       | Doppelstockklemme 2,5 qmm        | PTTBS 2,5         | 25    |       |           |
|                  | 3008012       | Durchgangsklemme                 | UK 35             | 8     |       |           |
|                  |               | Klemme 50 qmm                    | UKH 50            | 1     |       |           |
|                  | 0920083       | Sicherungsreihenklemme           | USIG              | 1     |       |           |
|                  | 0444019       | PE - Klemme 35 qmm               | USLKG 35          | 3     |       |           |
|                  | 0443049       | PE - Klemme 50 qmm               | USLKG 50          | 1     |       |           |
| Rox Klimatechnik |               |                                  |                   |       |       |           |
|                  |               | Montageplatte / Tür              | MONTAGEPLATTE     | 2     |       |           |
| Rittal           |               |                                  |                   |       |       |           |
|                  | 3431020       | NH-Sicherungslasttrenner Gr. 000 | SV 3431.020       | 1     |       |           |
| Siemens          |               |                                  |                   |       |       |           |
|                  | 5SU1356-6KK10 | FI / LS - Schalter 30 mA - B10   | 5SU1 356-6KK10    | 1     |       |           |



->Blatt vorher =STL/22

