

Kunde: GH Consulting GmbH  
Projekt: Lackier- und Trocknungskabine  
Projektnummer: 400208  
Kommission: ASI

|                             |                  |
|-----------------------------|------------------|
| Typ:                        | 2x7m / Spot      |
| Baujahr:                    | 2014             |
| Elektrische Anschlusswerte: | 3x400V/230V 250A |
| Steuerspannung:             | 24V              |

| Version | Datum      | Bearbeiter | Änderungstext                                                                                      |
|---------|------------|------------|----------------------------------------------------------------------------------------------------|
| 1.0.0   | 11.09.2014 | IH         | Initialversion                                                                                     |
| 1.0.1   | 23.09.2014 | IH         | Diverse Korrekturen                                                                                |
| 1.0.2   | 03.11.2014 | IH         | Diverse Korrekturen                                                                                |
| 1.0.3   | 01.12.2014 | IH         | Taster Vorbereitungsplätze Klappen, Def. Motorenwerte übernommen                                   |
| 1.0.4   | 09.12.2014 | IH         | Lüfterposition im Fliessschema angepasst, Klappen bei Vorbeitungsplätzen im Fliessschema eingefügt |
| 1.0.5   | 07.01.2015 | IH         | Umluftventilator Vorbereitungsplätze 1-4 mit Stromüberwachung                                      |

|         |          |          |      |              |            |                                                                                                 |         |         |  |  |  |  |                 |
|---------|----------|----------|------|--------------|------------|-------------------------------------------------------------------------------------------------|---------|---------|--|--|--|--|-----------------|
|         | 1.0.5    | 07.01.15 | IH   | Projektstart | 11.09.2014 | <b>Linzberger Elektronik GmbH</b><br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |         |         |  |  |  |  |                 |
|         | 1.0.4    | 09.12.14 | IH   | Bearb.       | IH         |                                                                                                 |         |         |  |  |  |  |                 |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.        |            |                                                                                                 |         |         |  |  |  |  |                 |
| Zustand | Änderung | Datum    | Name | Norm         |            | Urspr.                                                                                          | Ers. f. | Ers. d. |  |  |  |  | Blatt 0         |
|         |          |          |      |              |            |                                                                                                 |         |         |  |  |  |  | Anzahl Total 60 |

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|-------|-----------------------------|------------|------------|---------------|
| 0     |                             |            |            | 1-Deckblatt   |
| 2.1   | Inhaltsverzeichnis          | 09.12.2014 |            |               |
| 2.2   | Inhaltsverzeichnis          | 09.12.2014 |            |               |
| 2.3   | Inhaltsverzeichnis          | 09.12.2014 |            |               |
| 3.2   | Farben und Querschnitte     | 09.12.2014 | IH         | 3-Diverses    |
| 3.3   | Situationsplan              | 09.12.2014 | IH         | 3-Diverses    |
| 3.4.1 | LK1 Fliessschema            | 09.12.2014 | IH         | 3-Diverses    |
| 3.4.2 | LK2 Fliessschema            | 09.12.2014 | IH         | 3-Diverses    |
| 3.4.4 | Vorbereitungsplätze 1-4     | 09.12.2014 | IH         | 3-Diverses    |
| 3.4.6 | Farblager                   | 09.12.2014 | IH         | 3-Diverses    |
| 10    | Versorgung                  | 09.12.2014 | IH         | Schema        |
| 11    | Versorgung                  | 09.12.2014 | IH         | Schema        |
| 12    | Steckdosenverteiler         | 09.12.2014 | IH         | Schema        |
| 13    | Kabelrollen 230V            | 09.12.2014 | IH         | Schema        |
| 15    | Steuerung 230VAC            | 09.12.2014 | IH         | Schema        |
| 20    | LK1 Klappen und Drucksensor | 09.12.2014 | IH         | Schema        |
| 22    | LK1 Frischluftventilator    | 09.12.2014 | IH         | Schema        |
| 23    | LK1 Abluftventilator        | 09.12.2014 | IH         | Schema        |
| 24    | LK1 Umluftventilator        | 09.12.2014 | IH         | Schema        |
| 25    | LK1 Umluftventilator        | 09.12.2014 | IH         | Schema        |
| 27    | LK1 Brennergebläse          | 09.12.2014 | IH         | Schema        |
| 28    | LK1 Steuerung Brenner       | 09.12.2014 | IH         | Schema        |
| 29    | LK1 Beleuchtung             | 09.12.2014 | IH         | Schema        |
| 30    | LK2 Klappen und Drucksensor | 09.12.2014 | IH         | Schema        |
| 32    | LK2 Frischluftventilator    | 09.12.2014 | IH         | Schema        |
| 33    | LK2 Abluftventilator        | 09.12.2014 | IH         | Schema        |
| 34    | LK2 Umluftventilator        | 09.12.2014 | IH         | Schema        |
| 35    | LK2 Umluftventilator        | 09.12.2014 | IH         | Schema        |

|         |          |       |      |        |  |                                                                                                  |         |         |                    |  |  |  |  |            |
|---------|----------|-------|------|--------|--|--------------------------------------------------------------------------------------------------|---------|---------|--------------------|--|--|--|--|------------|
|         |          |       |      | Datum  |  | <div>Linzberger Elektronik GmbH</div> Antriebstechnik • Steuerungsbau • Elektronik • Engineering |         |         | Inhaltsverzeichnis |  |  |  |  |            |
|         |          |       |      | Bearb. |  |                                                                                                  |         |         |                    |  |  |  |  | Blatt2.1   |
|         |          |       |      | Gepr.  |  |                                                                                                  |         |         |                    |  |  |  |  | Nächst.2.2 |
| Zustand | Änderung | Datum | Name | Norm   |  | Ursp.                                                                                            | Ers. f. | Ers. d. |                    |  |  |  |  | Total60    |

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| 1                  |  | 2                 |  | 3 |  | 4 |  | 5          |  | 6          |  | 7             |  | 8 |  |
| Inhaltsverzeichnis |  |                   |  |   |  |   |  |            |  |            |  |               |  |   |  |
| Blatt              |  | Beschreibung      |  |   |  |   |  | Datum      |  | Bearbeiter |  | Dokumententyp |  |   |  |
| 147                |  | Bedienung V1-4    |  |   |  |   |  | 09.12.2014 |  | IH         |  | Schema        |  |   |  |
| 148                |  | Bedienung V1-4    |  |   |  |   |  | 09.12.2014 |  | IH         |  | Schema        |  |   |  |
| 150                |  | Analog Temperatur |  |   |  |   |  | 09.12.2014 |  | IH         |  | Schema        |  |   |  |
| 151                |  | Analog Druck      |  |   |  |   |  | 09.12.2014 |  | IH         |  | Schema        |  |   |  |
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## Farben Hauptstrom

|               |             |
|---------------|-------------|
| Polleiter (1) | : schwarz   |
| Polleiter (2) | : schwarz   |
| Polleiter (3) | : schwarz   |
| Neutralleiter | : hellblau  |
| Schutzerde    | : grün-gelb |

# Querschnitte Hauptstrom

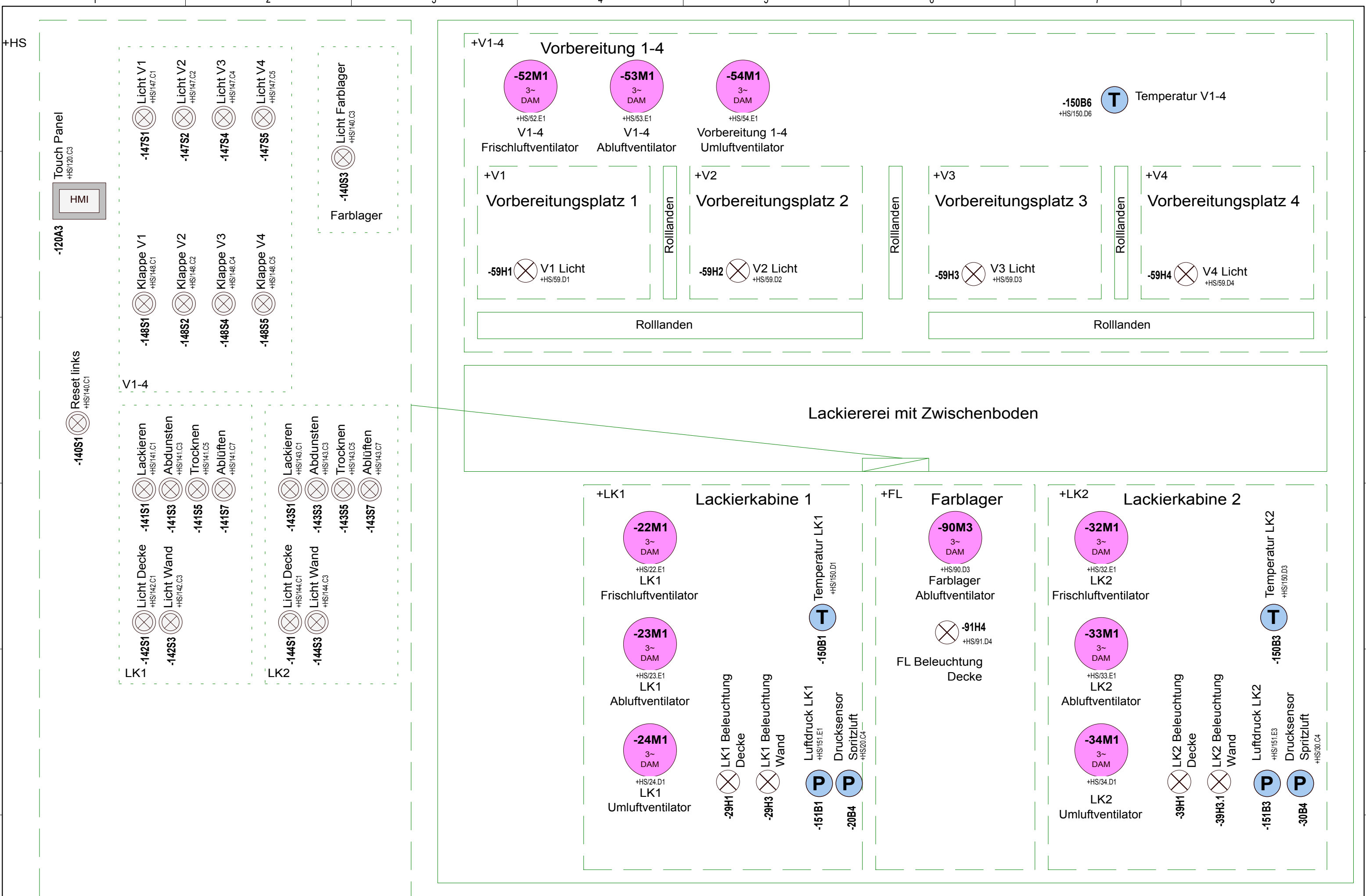
|                |                      |
|----------------|----------------------|
| Minimum <= 13A | : 1.5mm <sup>2</sup> |
| <= 16A         | : 2.5mm <sup>2</sup> |
| <= 20A         | : 4mm <sup>2</sup>   |
| <= 25A         | : 6mm <sup>2</sup>   |
| <= 40A         | : 10mm <sup>2</sup>  |
| <= 63A         | : 16mm <sup>2</sup>  |
| <= 80A         | : 25mm <sup>2</sup>  |
| <= 100A        | : 35mm <sup>2</sup>  |

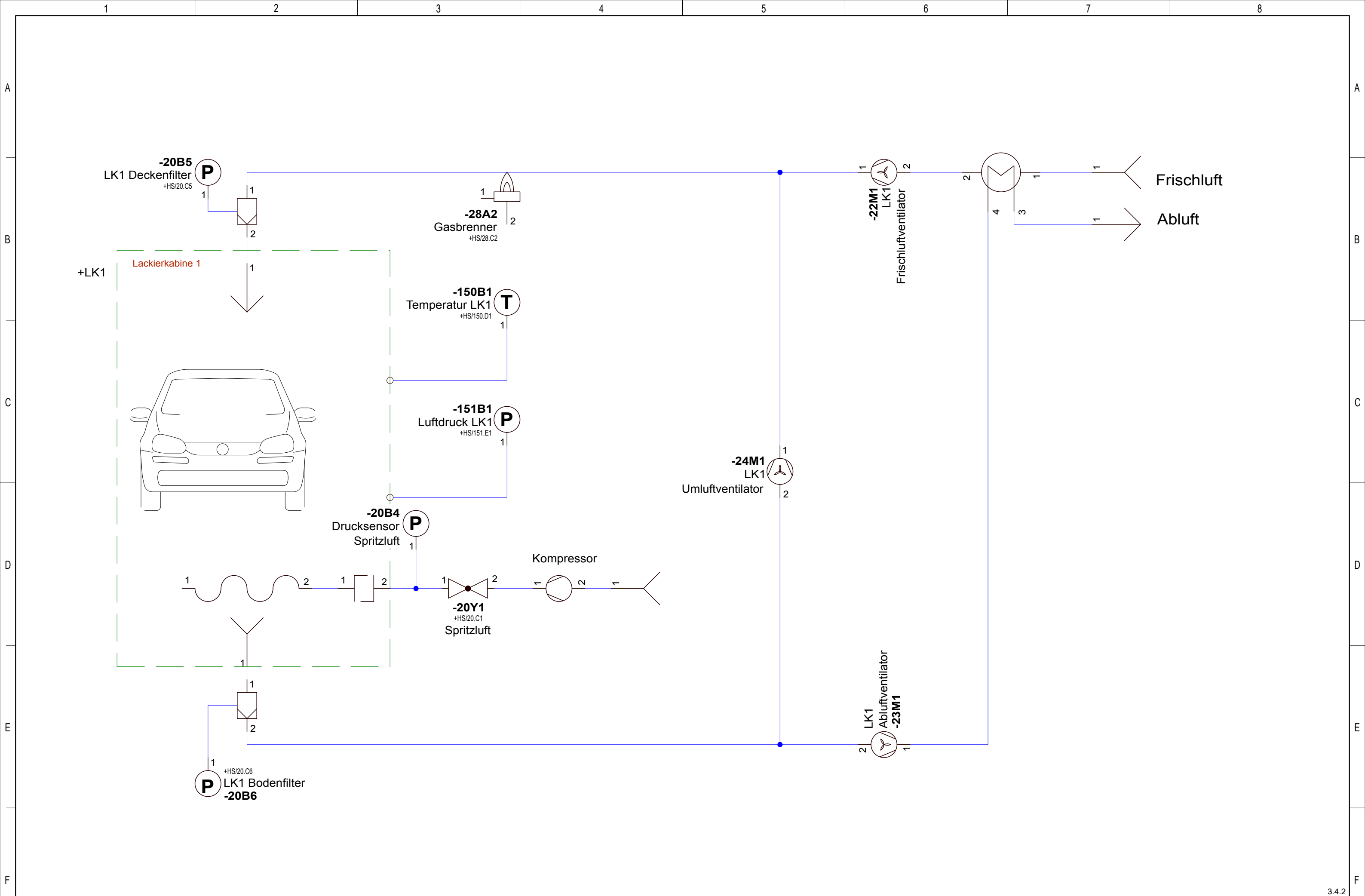
# Farben Steuerstrom

|                          |           |
|--------------------------|-----------|
| Polleiter 230/115VAC     | : rot     |
| Neutralleiter 230/115VAC | : rot2    |
| Polleiter +24VDC         | : blau    |
| Polleiter -24VDC         | : blau2   |
| Polleiter 24/12VAC       | : violett |
| Neutralleiter 24/12VAC   | : weiss   |
| Analog +0..10V/0..20mA   | : braun   |
| Analog -0..10V/0..20mA   | : grau    |
| Externe Potentiale       | : orange  |

# Querschnitte Steuerstrom

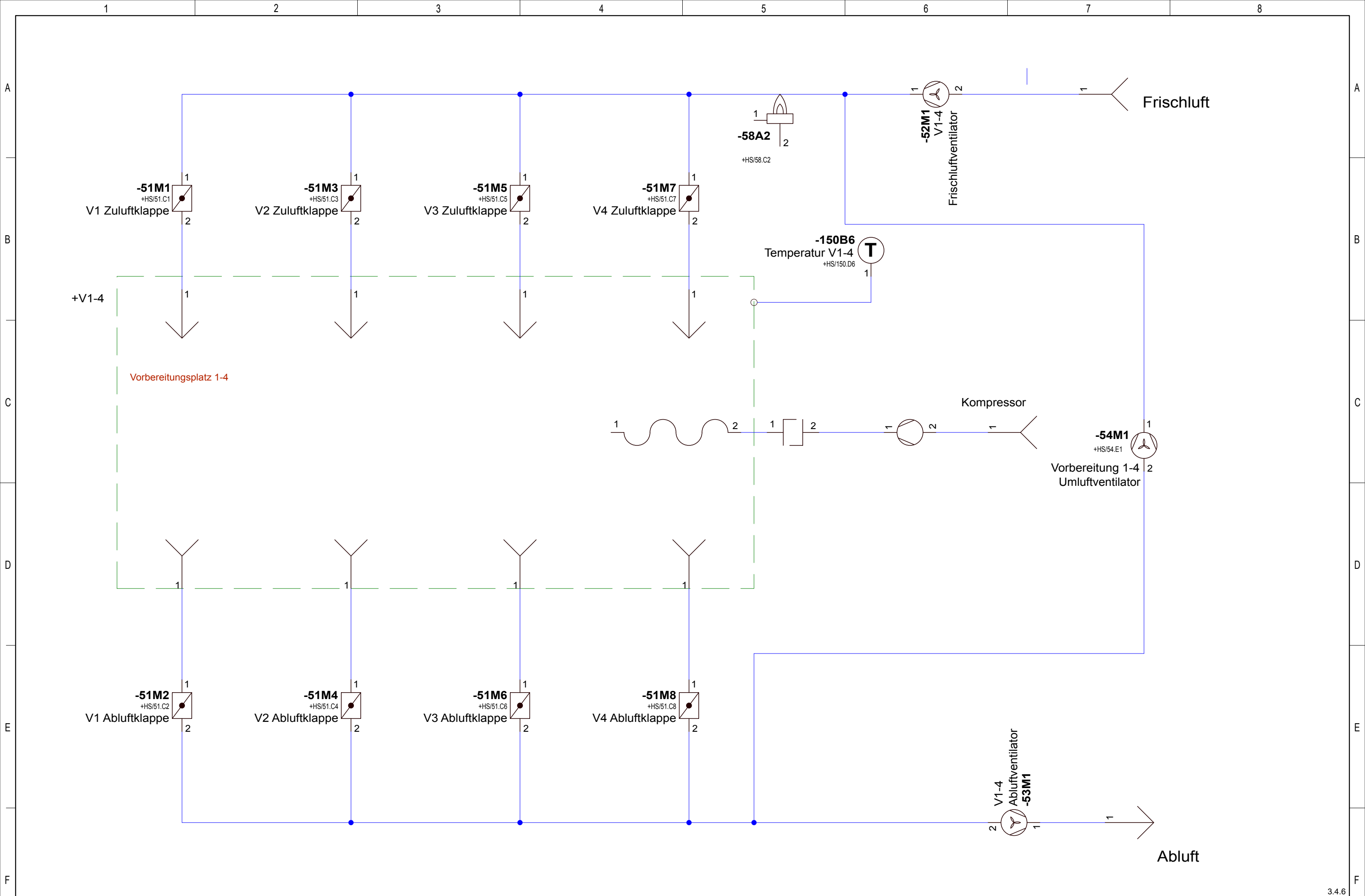
|                           |                       |
|---------------------------|-----------------------|
| Minimum                   | : 1mm <sup>2</sup>    |
| Analog +/- 0..10V/0..20mA | : 0.75mm <sup>2</sup> |



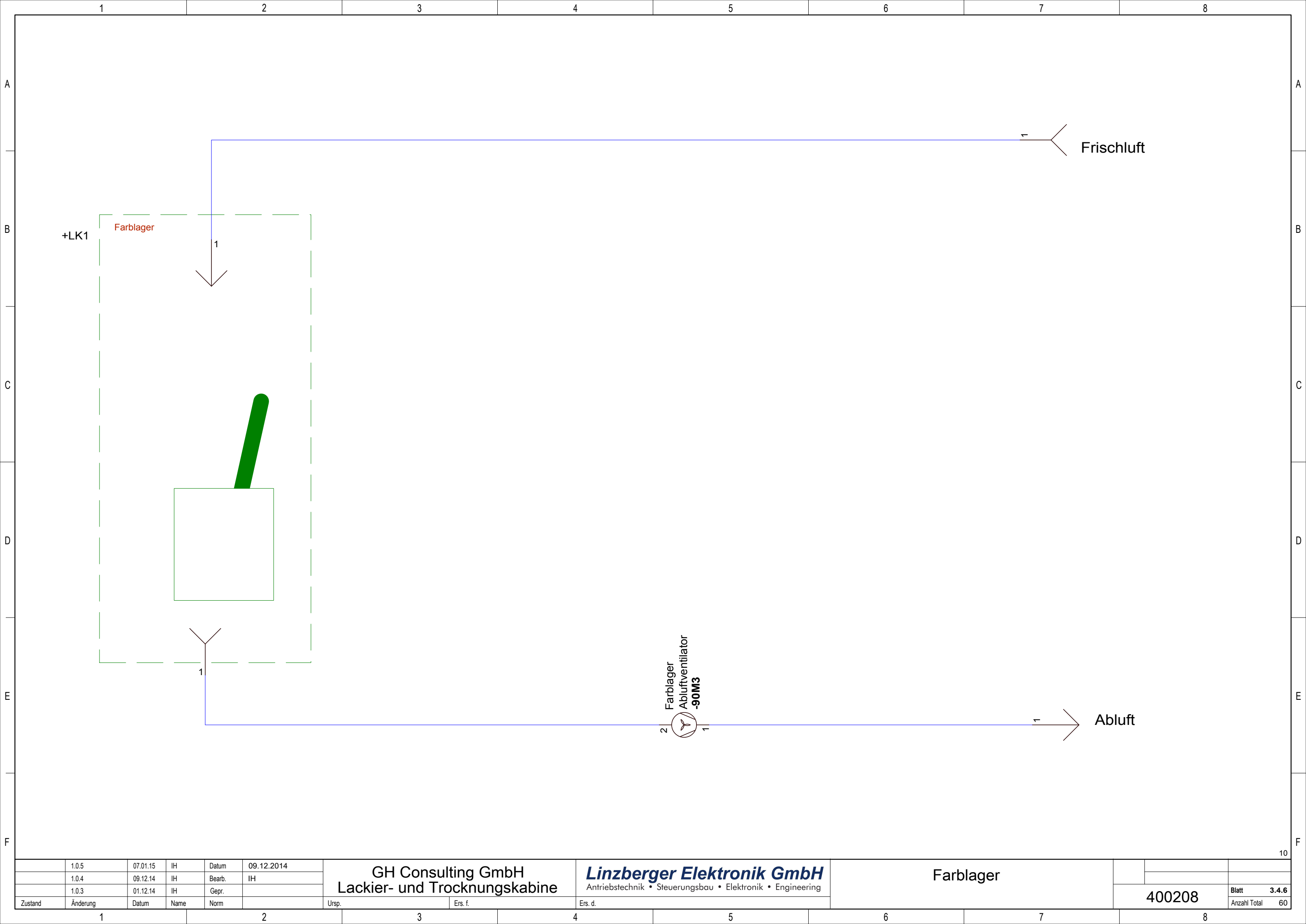


|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                  |  |  |              |    |             |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|------------------|--|--|--------------|----|-------------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | LK1 Fliessschema |  |  |              |    |             |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                  |  |  |              |    |             |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                  |  |  |              |    |             |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |                  |  |  | 400208       |    | Blatt 3.4.1 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                  |  |  | Anzahl Total | 60 |             |

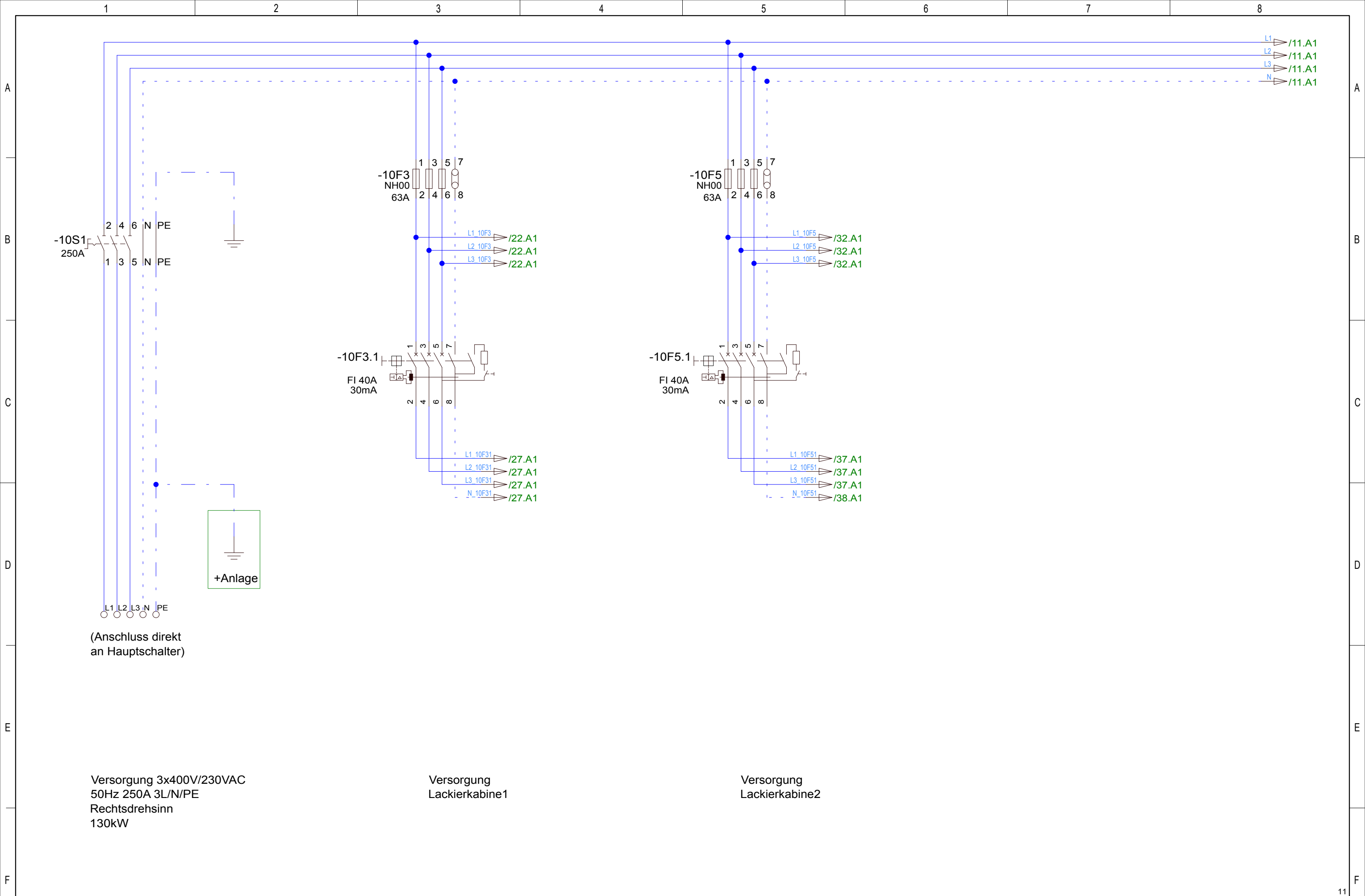




|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                         |  |  |              |    |             |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|-------------------------|--|--|--------------|----|-------------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Vorbereitungsplätze 1-4 |  |  |              |    |             |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                         |  |  |              |    |             |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                         |  |  |              |    |             |
| Zustand | Änderung | Datum    | Name | Norm   |            | Urspr.                                              | Ers. f. |  | Ers. d.                                                                                  |  |  |                         |  |  | 400208       |    | Blatt 3.4.4 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                         |  |  | Anzahl Total | 60 |             |



|         |          |          |      |        |            |                                                     |         |         |                                                                                          |  |  |           |  |  |        |  |                                |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|---------|------------------------------------------------------------------------------------------|--|--|-----------|--|--|--------|--|--------------------------------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |         | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Farblager |  |  |        |  |                                |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |         |                                                                                          |  |  |           |  |  |        |  |                                |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |         |                                                                                          |  |  |           |  |  |        |  |                                |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. | Ers. d. |                                                                                          |  |  |           |  |  | 400208 |  | Blatt 3.4.6<br>Anzahl Total 60 |



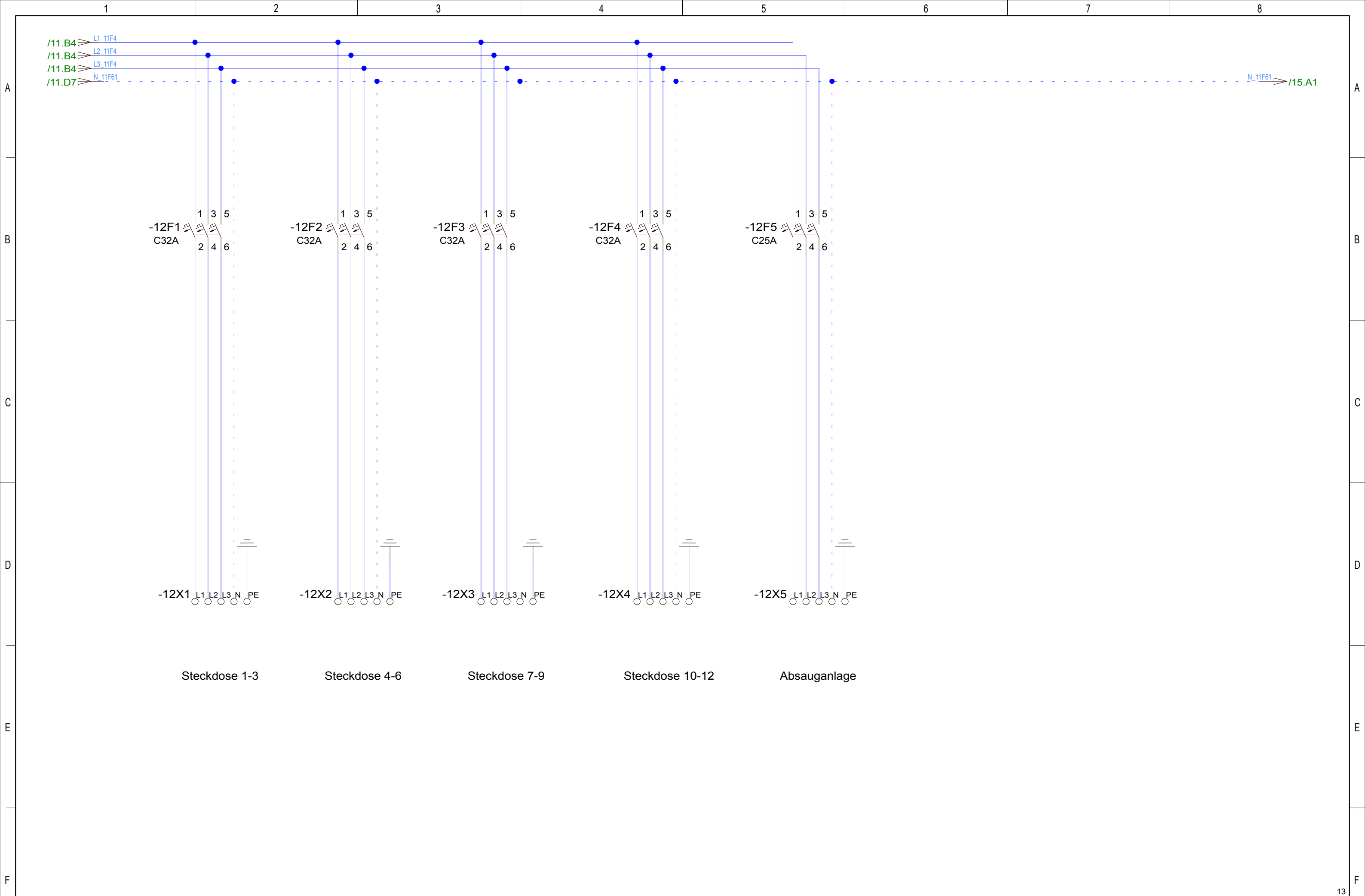
Versorgung 3x400V/230VAC  
50Hz 250A 3L/N/PE  
Rechtsdreh Sinn  
130kW

Versorgung  
Lackierkabine1

Versorgung  
Lackierkabine2

|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |            |  |  |              |  |       |    |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|------------|--|--|--------------|--|-------|----|
| 1.0.0   | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Versorgung |  |  |              |  |       |    |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |            |  |  | +HS          |  |       |    |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |            |  |  | 400208       |  | Blatt | 10 |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |            |  |  | Anzahl Total |  | 60    |    |

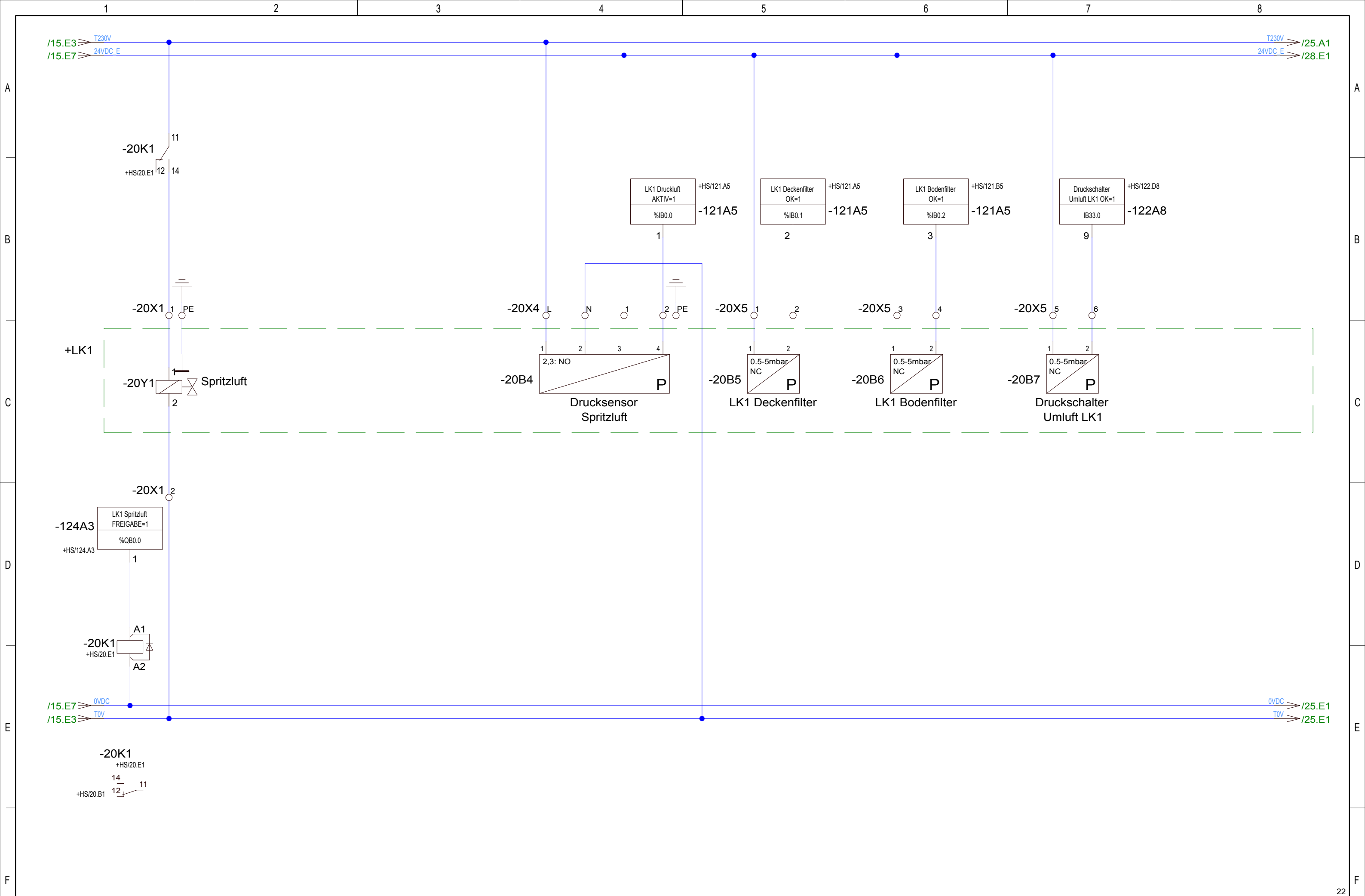




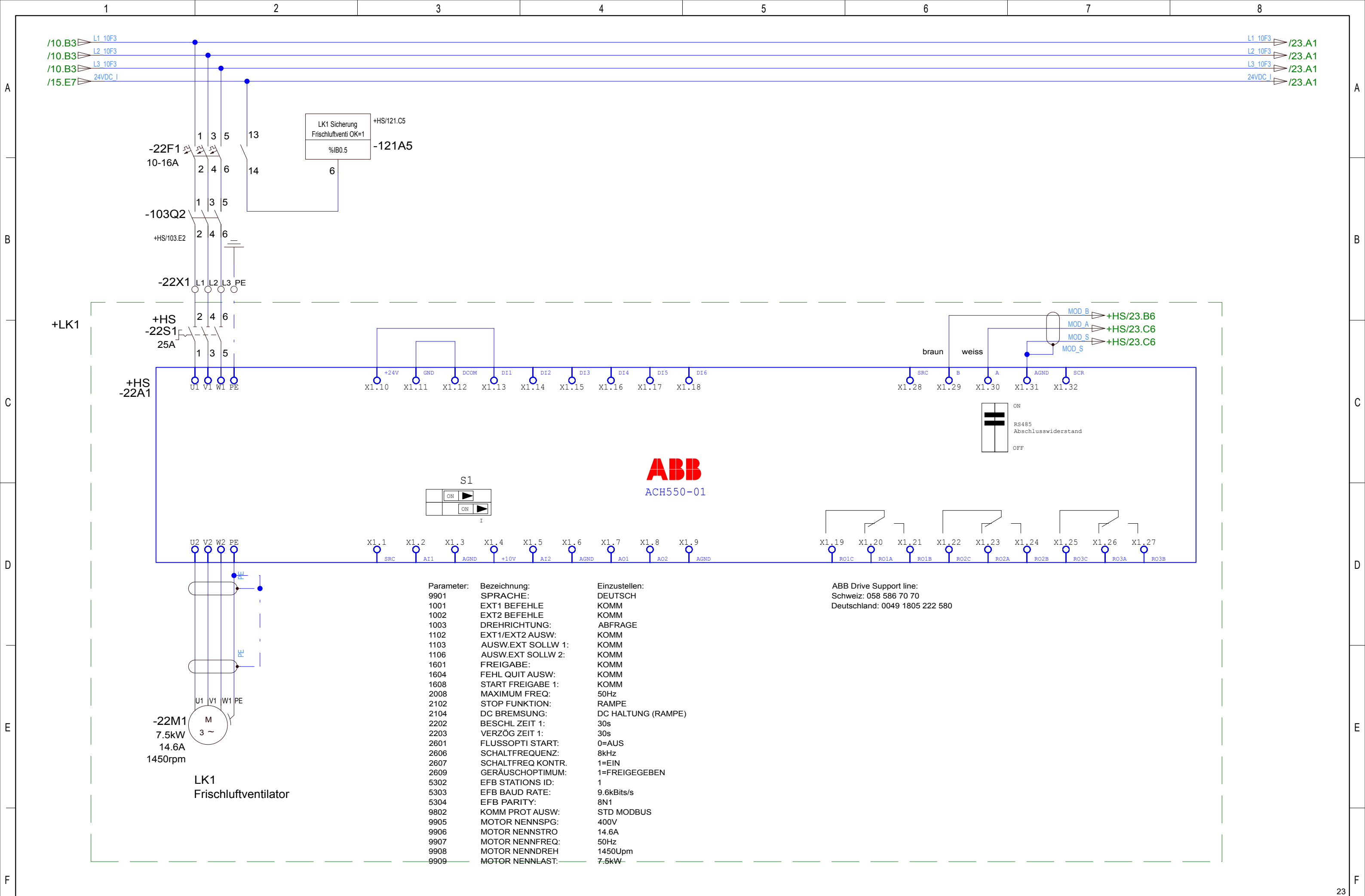
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                     |  |  |        |              |    |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|-------------------------------------|--|--|--------|--------------|----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Steckdosenverteiler<br>Absauganlage |  |  |        | +HS          |    |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                                     |  |  |        |              |    |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                                     |  |  |        |              |    |
| Zustand | Änderung | Datum    | Name | Norm   |            | Urspr.                                              | Ers. f. |  | Ers. d.                                                                                  |  |  |                                     |  |  | 400208 | Blatt        | 12 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                     |  |  |        | Anzahl Total | 60 |



20

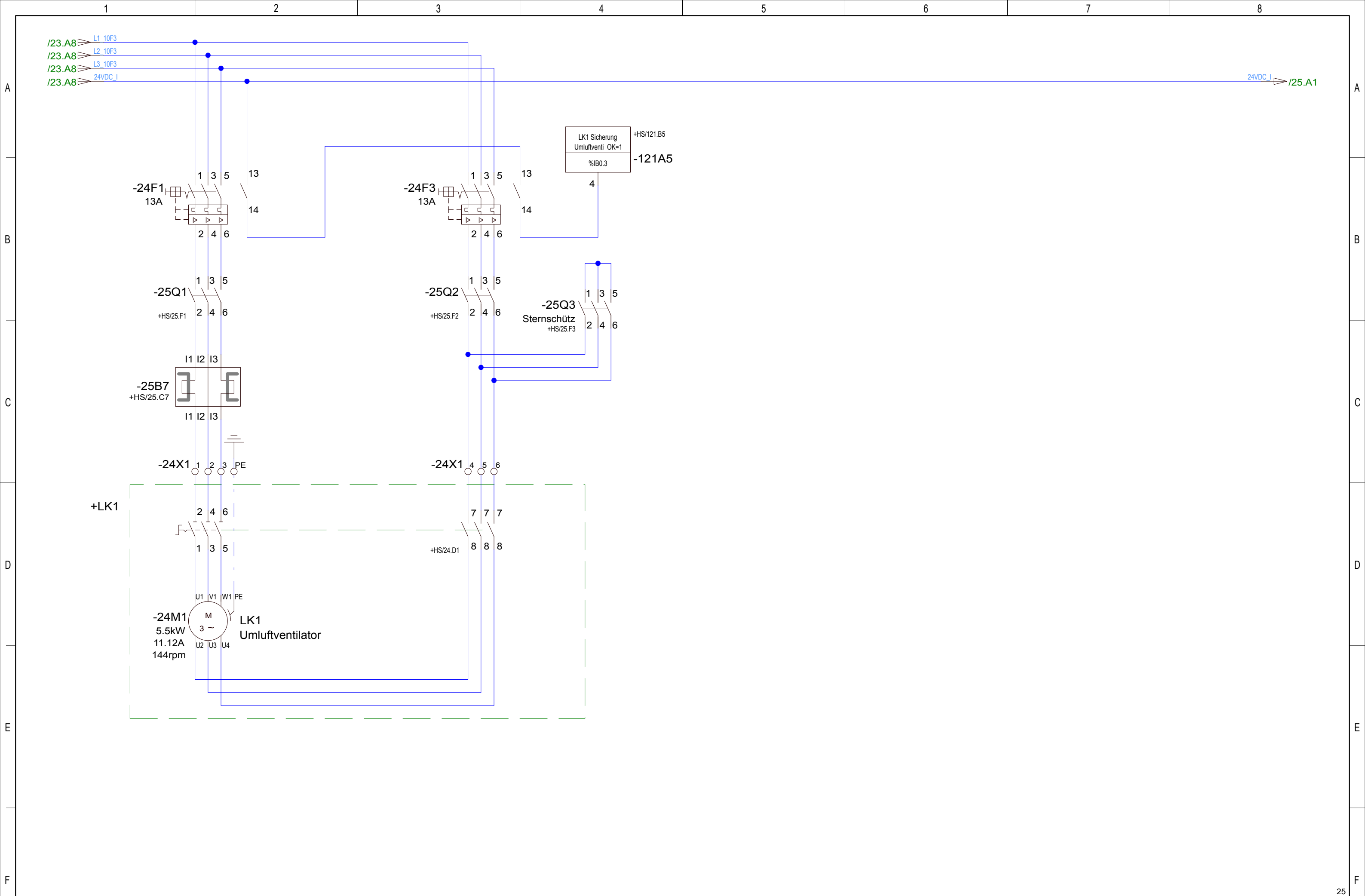


|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                             |  |  |        |              |    |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|-----------------------------|--|--|--------|--------------|----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | LK1 Klappen und Drucksensor |  |  |        | +HS          |    |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                             |  |  |        |              |    |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                             |  |  |        |              |    |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |                             |  |  | 400208 | Blatt        | 20 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                             |  |  |        | Anzahl Total | 60 |



|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                          |  |  |              |       |    |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|--------------------------|--|--|--------------|-------|----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | LK1 Frischluftventilator |  |  |              |       |    |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                          |  |  |              |       |    |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                          |  |  |              |       |    |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |                          |  |  | 400208       | Blatt | 22 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                          |  |  | Anzahl Total | 60    |    |





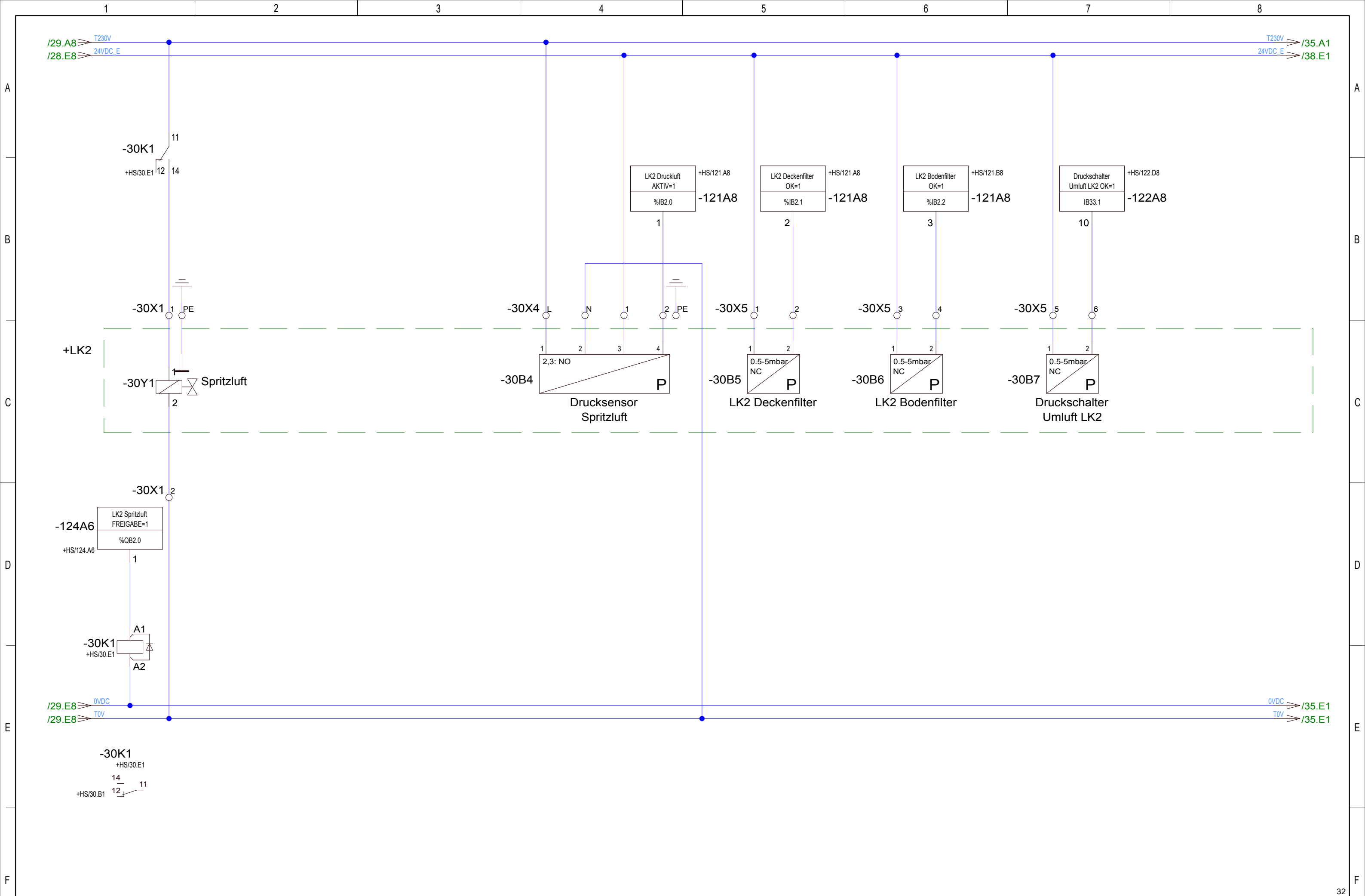
|         |          |          |      |        |            |                                                     |         |                                                                                          |  |                      |        |        |              |       |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|------------------------------------------------------------------------------------------|--|----------------------|--------|--------|--------------|-------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  | LK1 Umluftventilator |        |        |              |       |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |                                                                                          |  |                      |        |        | +HS          |       |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |                                                                                          |  |                      |        | 400201 |              | Blatt |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. | Ers. d.                                                                                  |  |                      | 400201 |        | Anzahl Total | 60    |





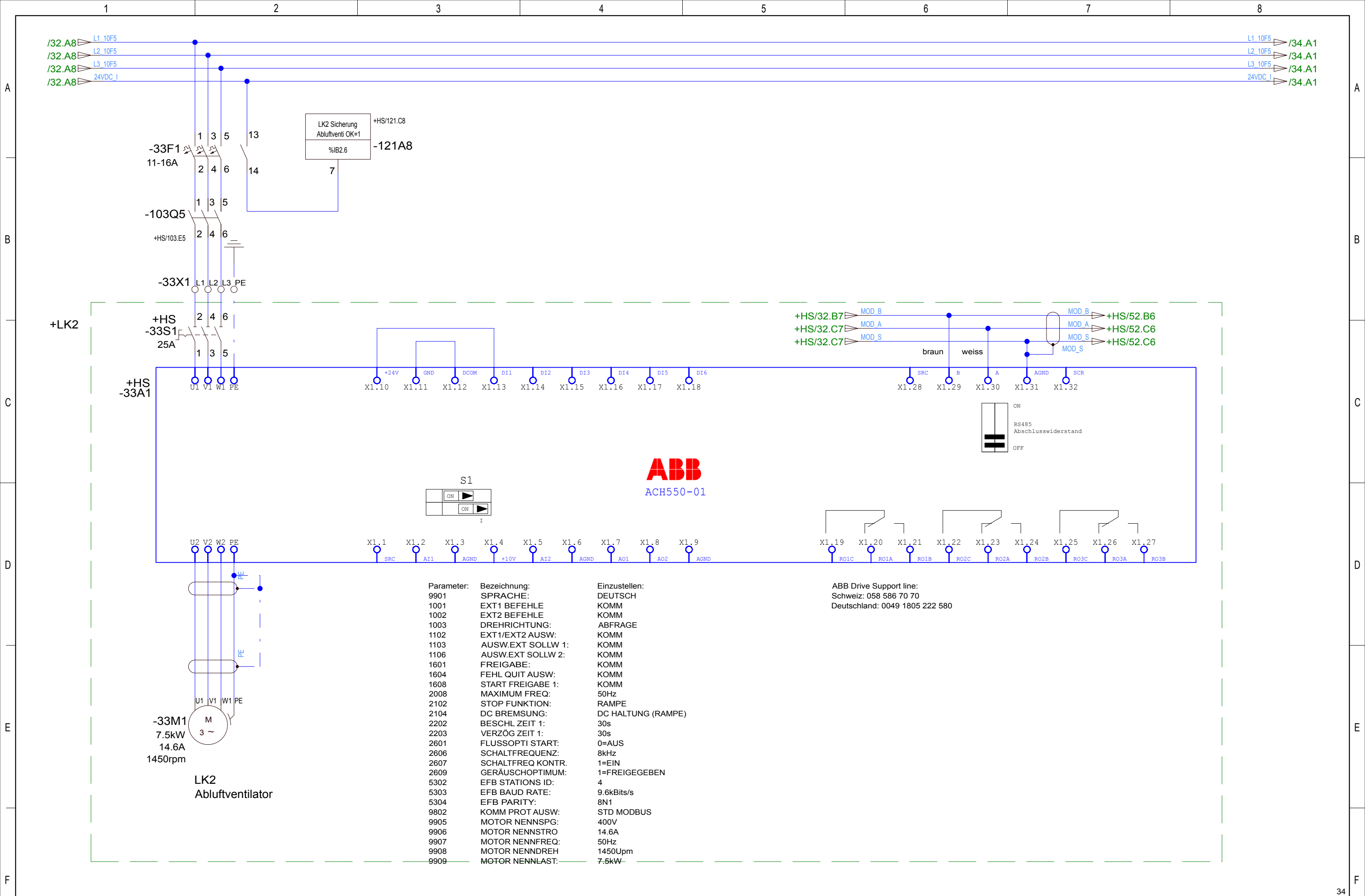




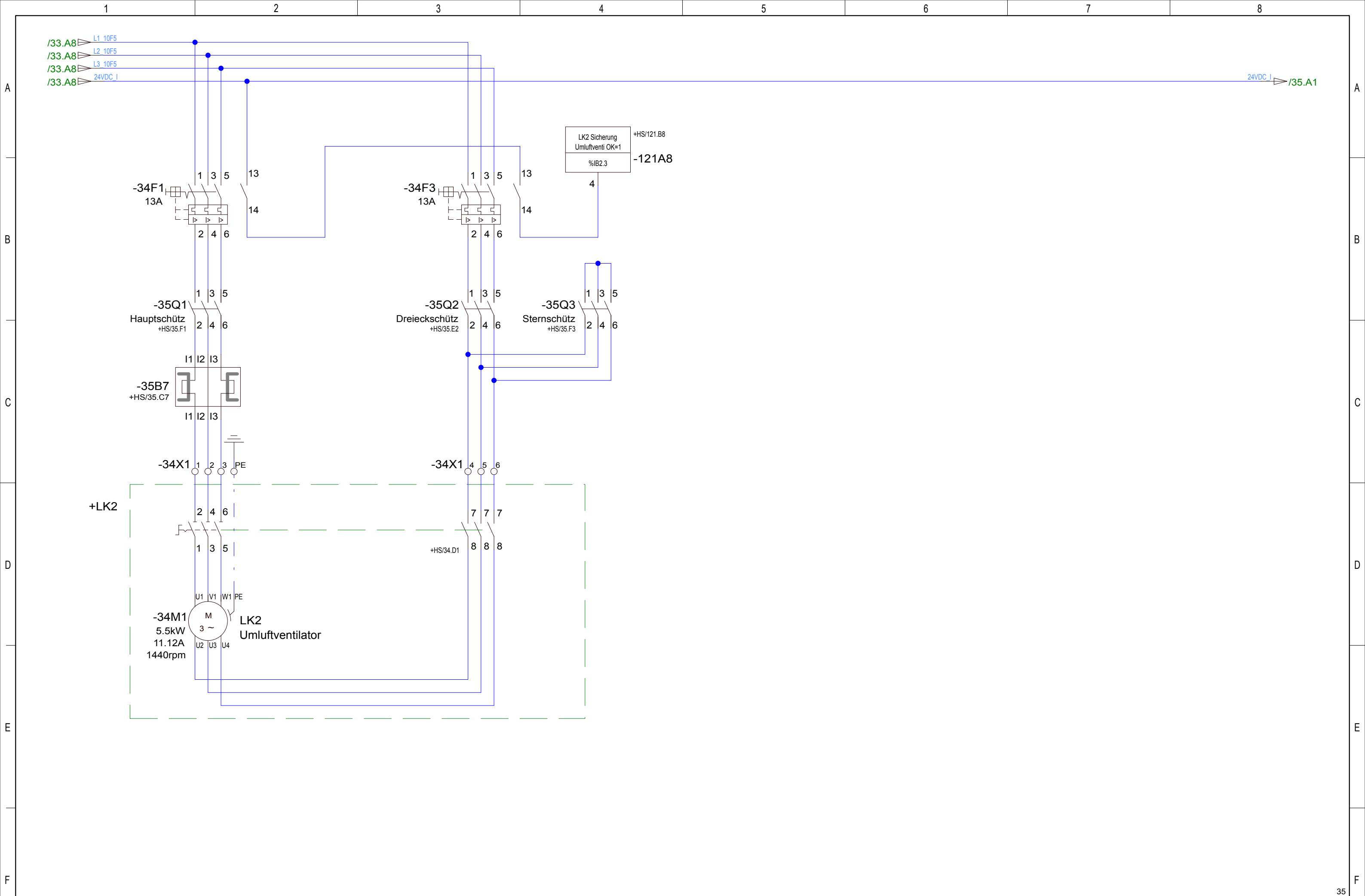


|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                             |  |  |        |              |    |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|-----------------------------|--|--|--------|--------------|----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | LK2 Klappen und Drucksensor |  |  |        | +HS          |    |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                             |  |  |        |              |    |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                             |  |  |        |              |    |
| Zustand | Änderung | Datum    | Name | Norm   |            | Urspr.                                              | Ers. f. |  | Ers. d.                                                                                  |  |  |                             |  |  | 400208 | Blatt        | 30 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                             |  |  |        | Anzahl Total | 60 |





|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                      |  |  |                 |  |          |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|----------------------|--|--|-----------------|--|----------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | LK2 Abluftventilator |  |  |                 |  |          |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                      |  |  |                 |  |          |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                      |  |  |                 |  |          |
| Zustand | Änderung | Datum    | Name | Norm   |            | Urspr.                                              | Ers. f. |  | Ers. d.                                                                                  |  |  |                      |  |  | 400208          |  | Blatt 33 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                      |  |  | Anzahl Total 60 |  |          |



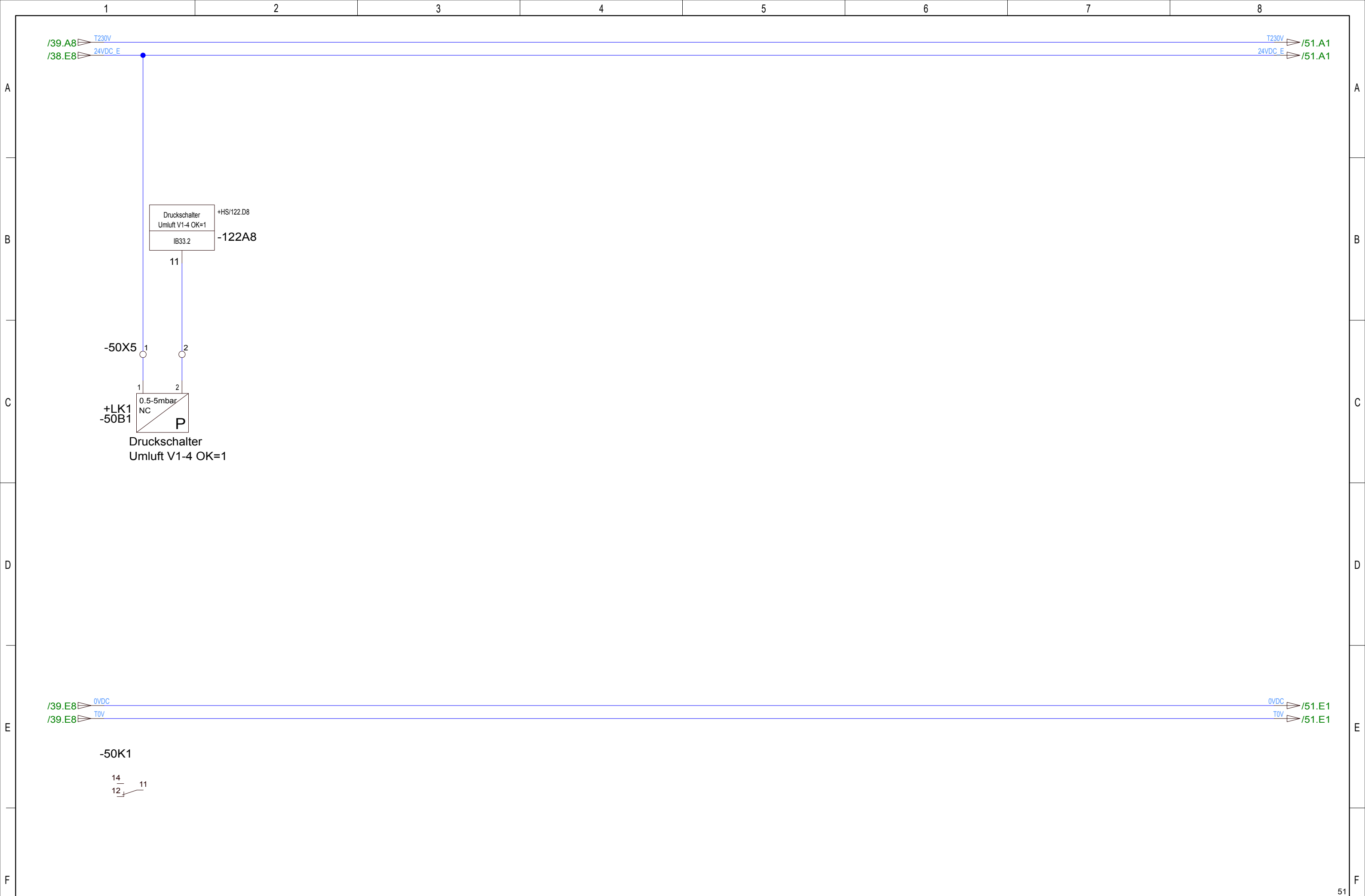
|         |          |          |      |        |            |                                                     |         |                                                                                          |  |                      |        |        |                 |          |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|------------------------------------------------------------------------------------------|--|----------------------|--------|--------|-----------------|----------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  | LK2 Umluftventilator |        |        |                 |          |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |                                                                                          |  |                      |        |        | +HS             |          |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |                                                                                          |  |                      |        | 400201 |                 | Blatt 34 |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. | Ers. d.                                                                                  |  |                      | 400201 |        | Anzahl Total 60 |          |



38





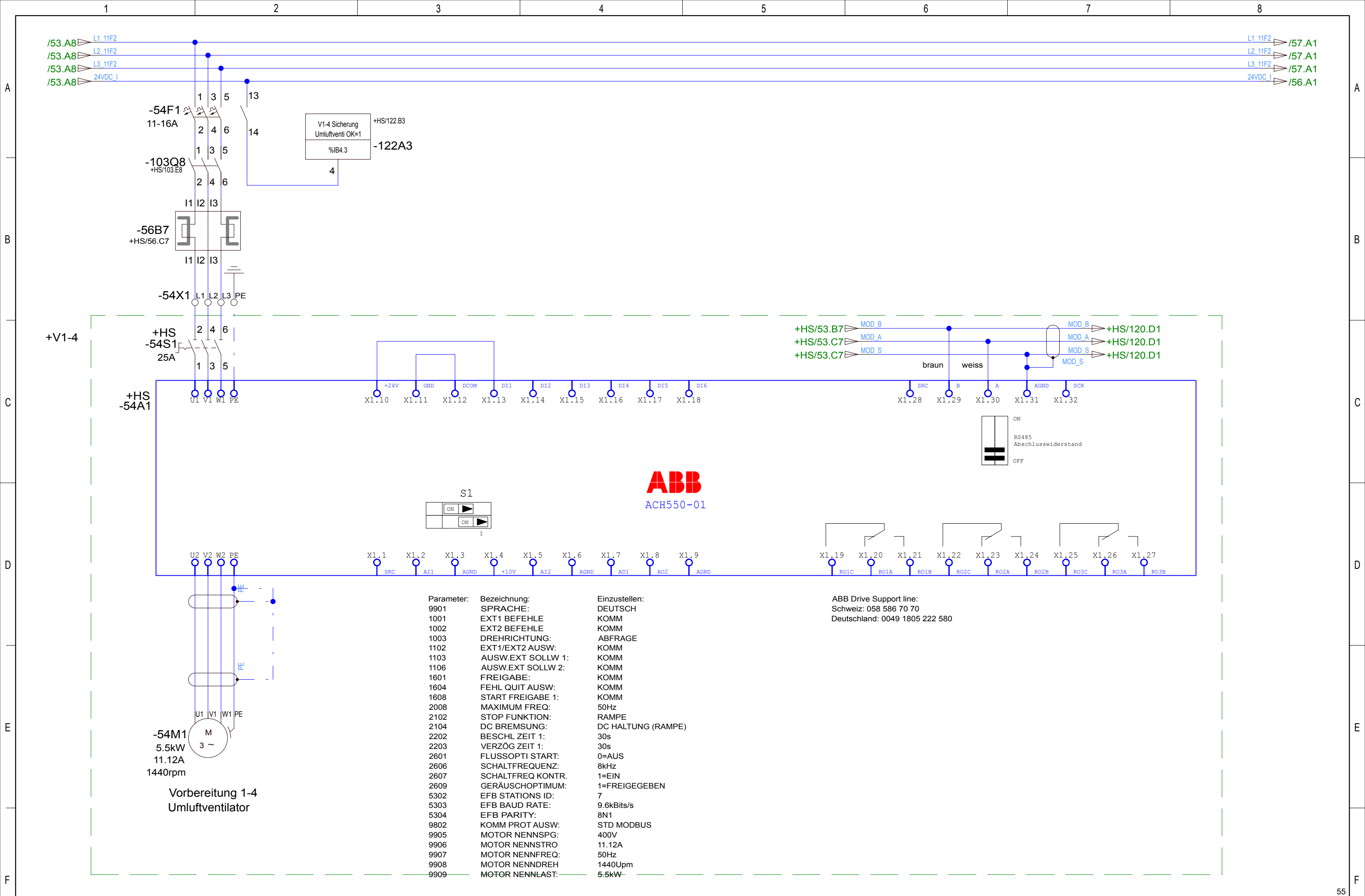


|         |          |          |      |        |            |                                                     |         |         |                                                                                          |  |  |                |  |  |                 |     |          |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|---------|------------------------------------------------------------------------------------------|--|--|----------------|--|--|-----------------|-----|----------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |         | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | V1-4 Spitzluft |  |  |                 | +HS |          |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |         |                                                                                          |  |  |                |  |  |                 |     |          |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |         |                                                                                          |  |  |                |  |  |                 |     |          |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. | Ers. d. |                                                                                          |  |  |                |  |  | 400208          |     | Blatt 50 |
|         |          |          |      |        |            |                                                     |         |         |                                                                                          |  |  |                |  |  | Anzahl Total 60 |     |          |





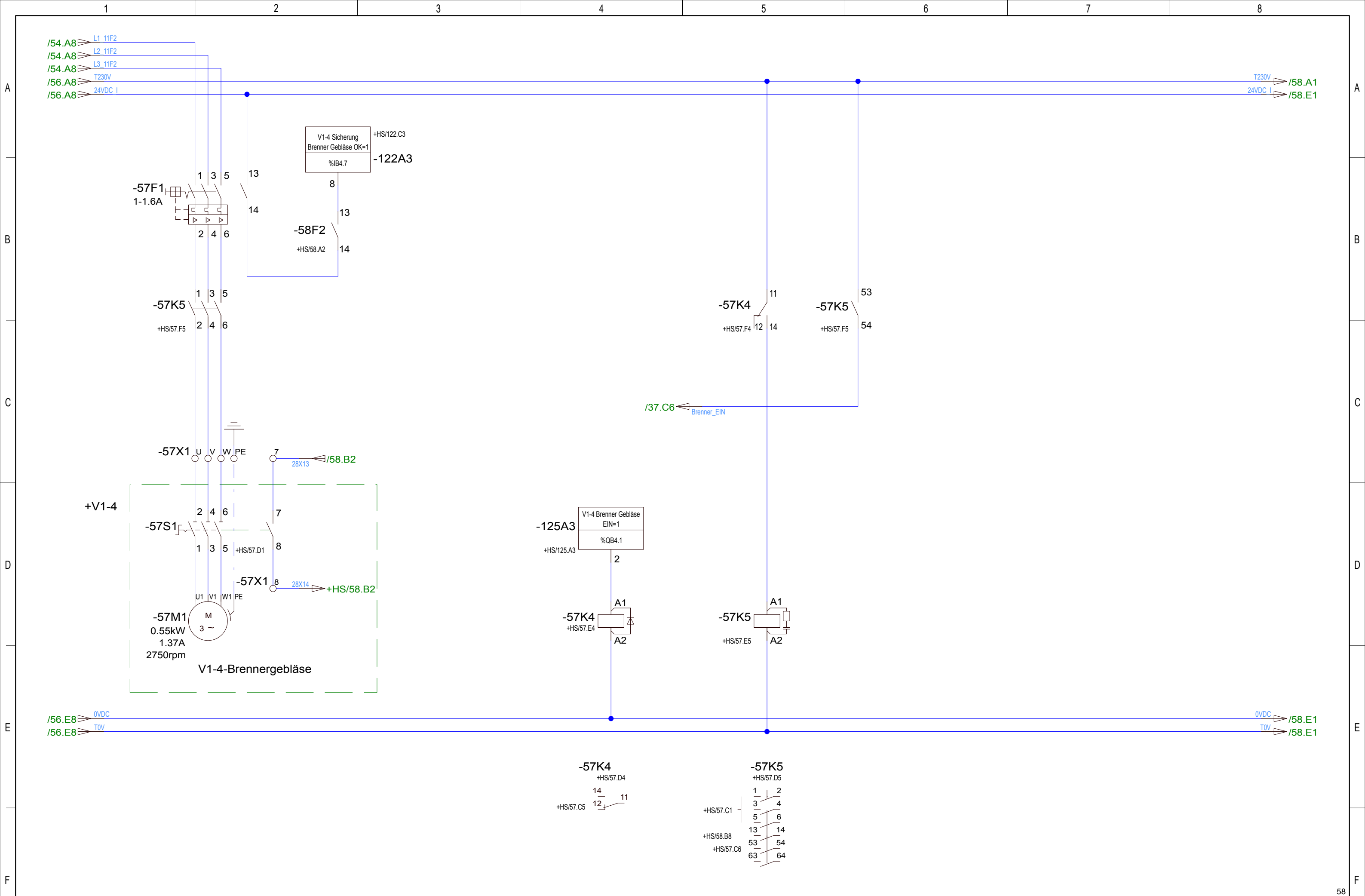




|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                       |  |  |              |       |    |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|-----------------------|--|--|--------------|-------|----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 07.01.2015 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | V1-4 Umluftventilator |  |  |              | +HS   |    |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                       |  |  |              |       |    |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                       |  |  |              |       |    |
| Zustand | Änderung | Datum    | Name | Norm   |            | Urspr.                                              | Ers. f. |  | Ers. d.                                                                                  |  |  |                       |  |  | 400208       | Blatt | 54 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                       |  |  | Anzahl Total | 60    |    |

56

57



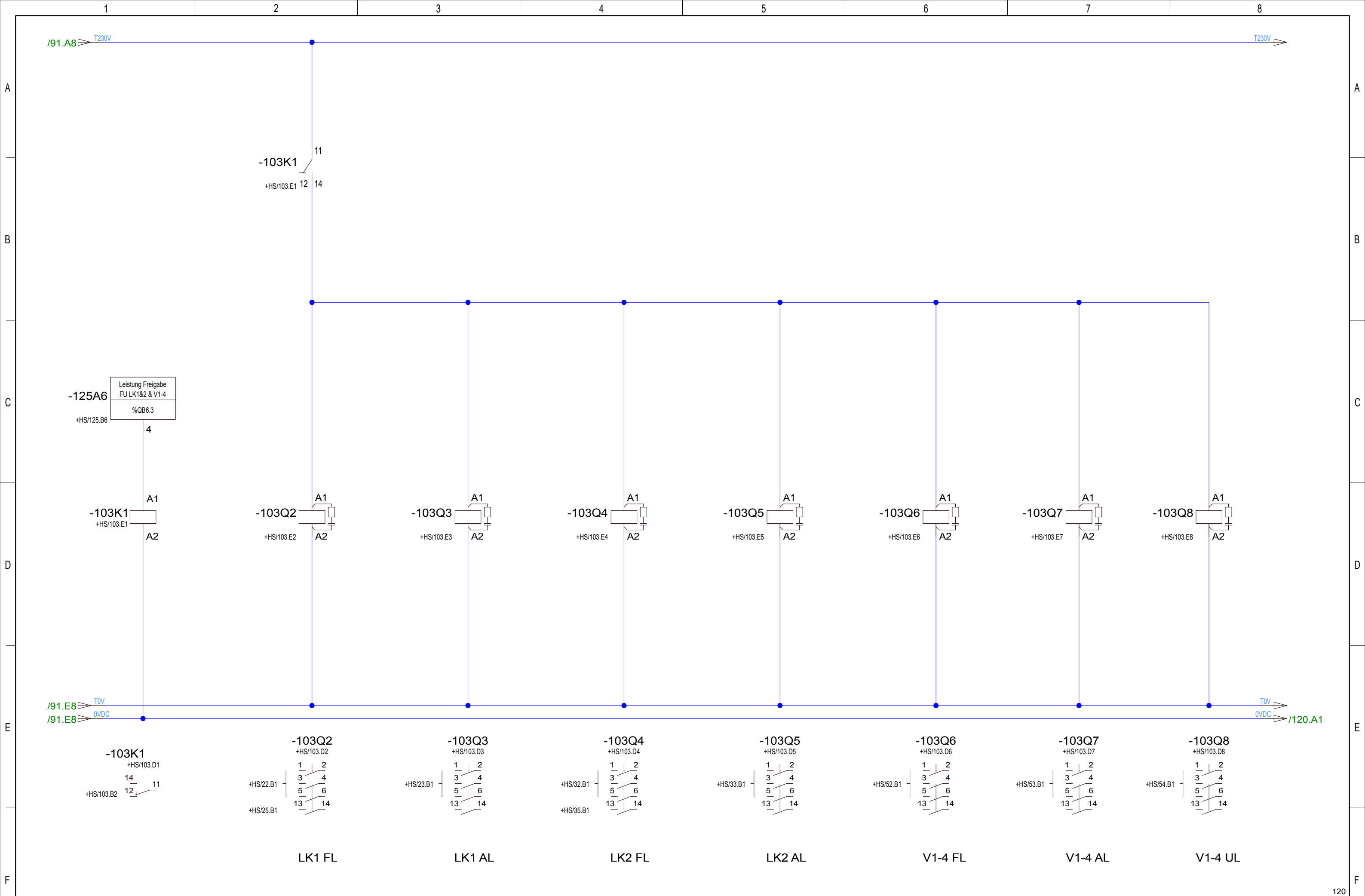
|         |          |          |      |        |            |                                                     |         |                                                                                          |  |                     |  |        |                 |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|------------------------------------------------------------------------------------------|--|---------------------|--|--------|-----------------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  | V1-4 Brennergebläse |  |        |                 |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |                                                                                          |  |                     |  | +HS    |                 |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |                                                                                          |  |                     |  | 400208 | Blatt 57        |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. | Ers. d.                                                                                  |  |                     |  | 400208 | Anzahl Total 60 |



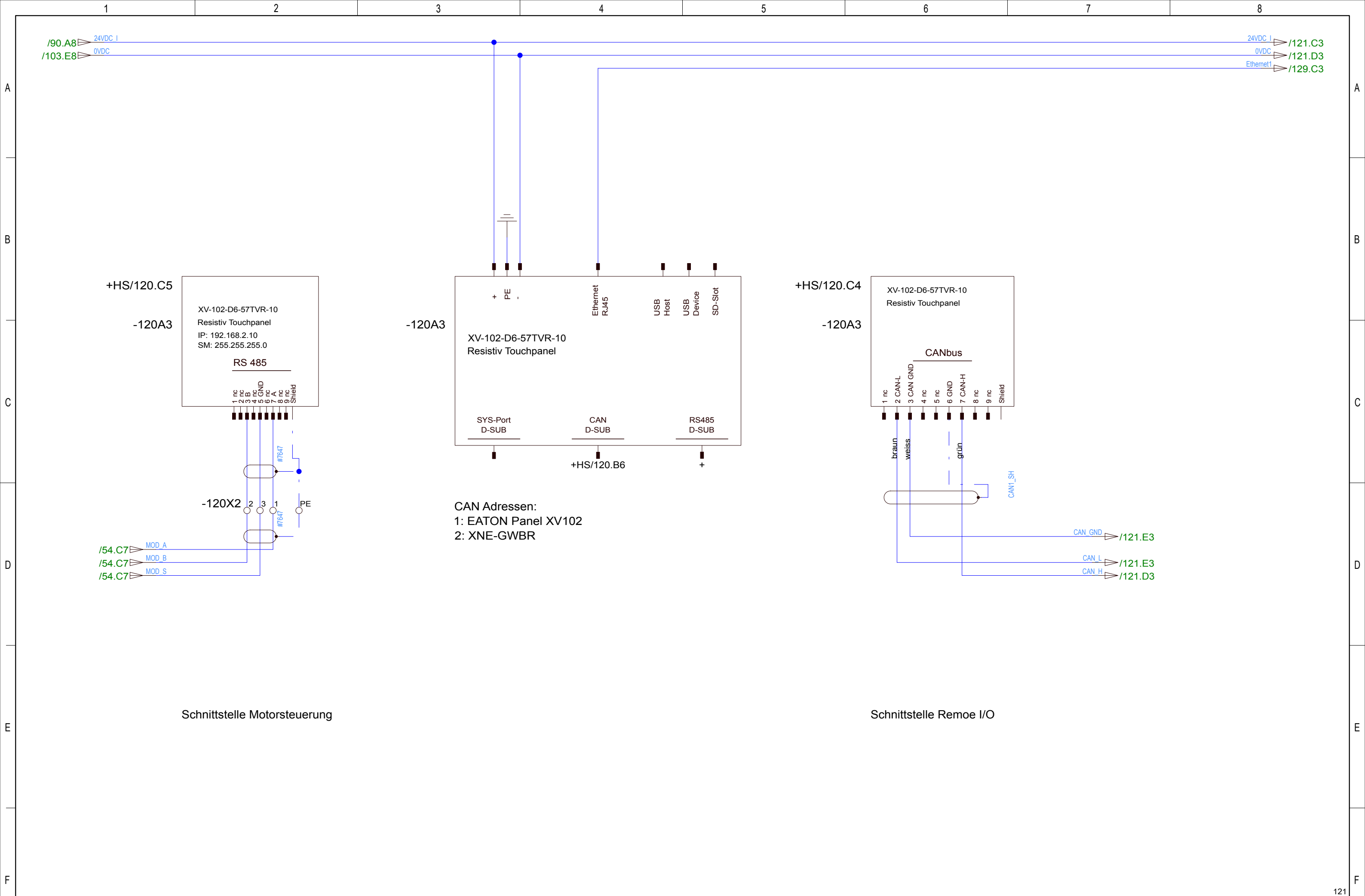




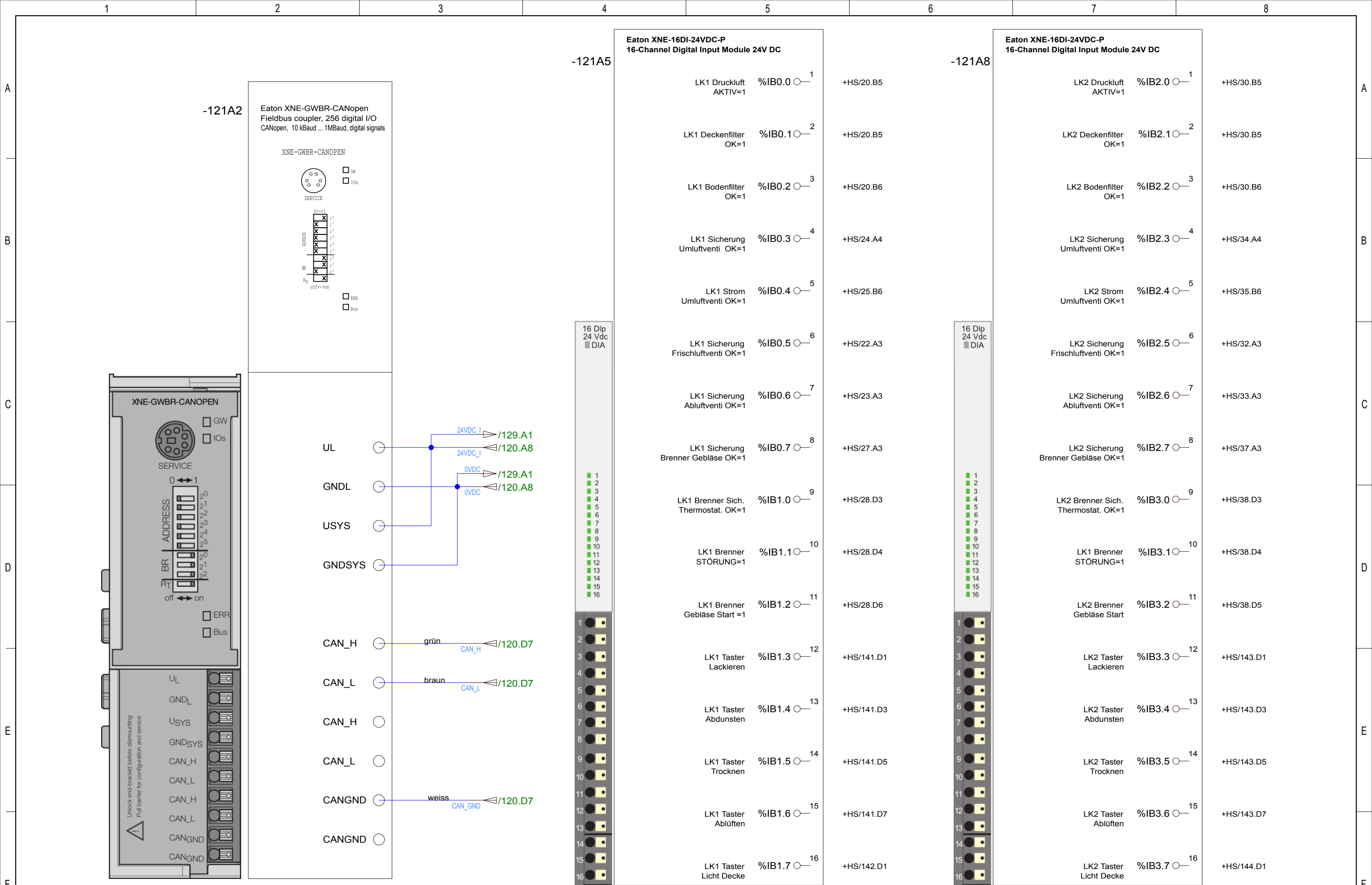




|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |             |  |  |  |              |           |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|-------------|--|--|--|--------------|-----------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Freigabe FU |  |  |  |              |           |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |             |  |  |  | +HS          |           |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |             |  |  |  | 400208       | Blatt 103 |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |             |  |  |  | Anzahl Total | 60        |



|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                          |  |  |        |              |     |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|------------------------------------------|--|--|--------|--------------|-----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Touchpanel Master<br>Steuerschrank links |  |  |        | +HS          |     |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                                          |  |  |        |              |     |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                                          |  |  |        |              |     |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |                                          |  |  | 400208 | Blatt        | 120 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                          |  |  |        | Anzahl Total | 60  |

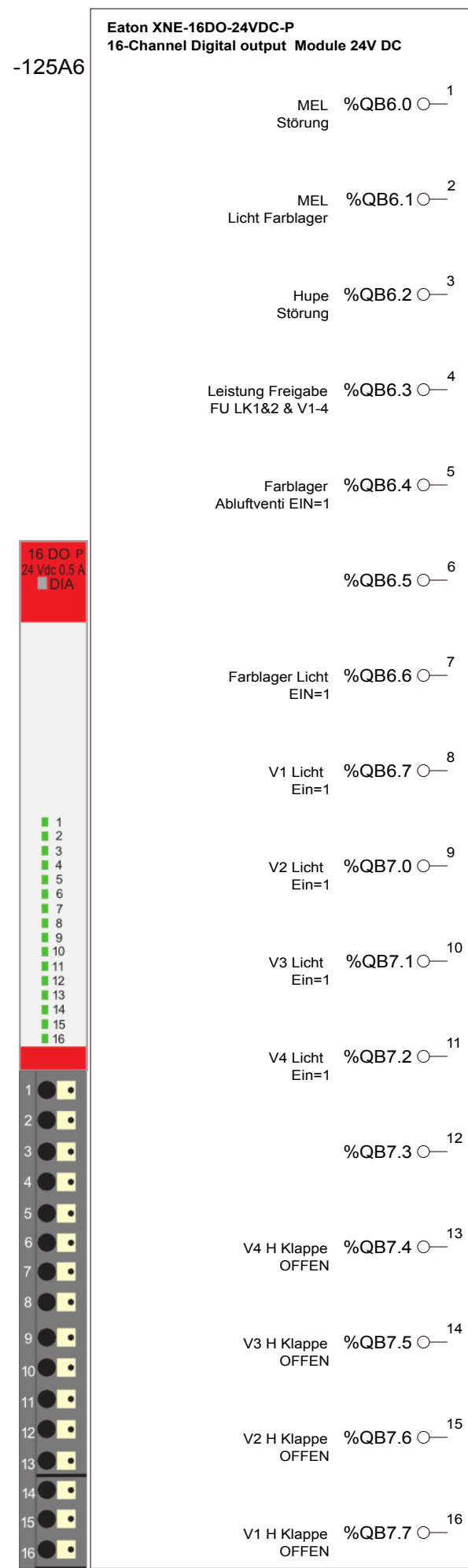


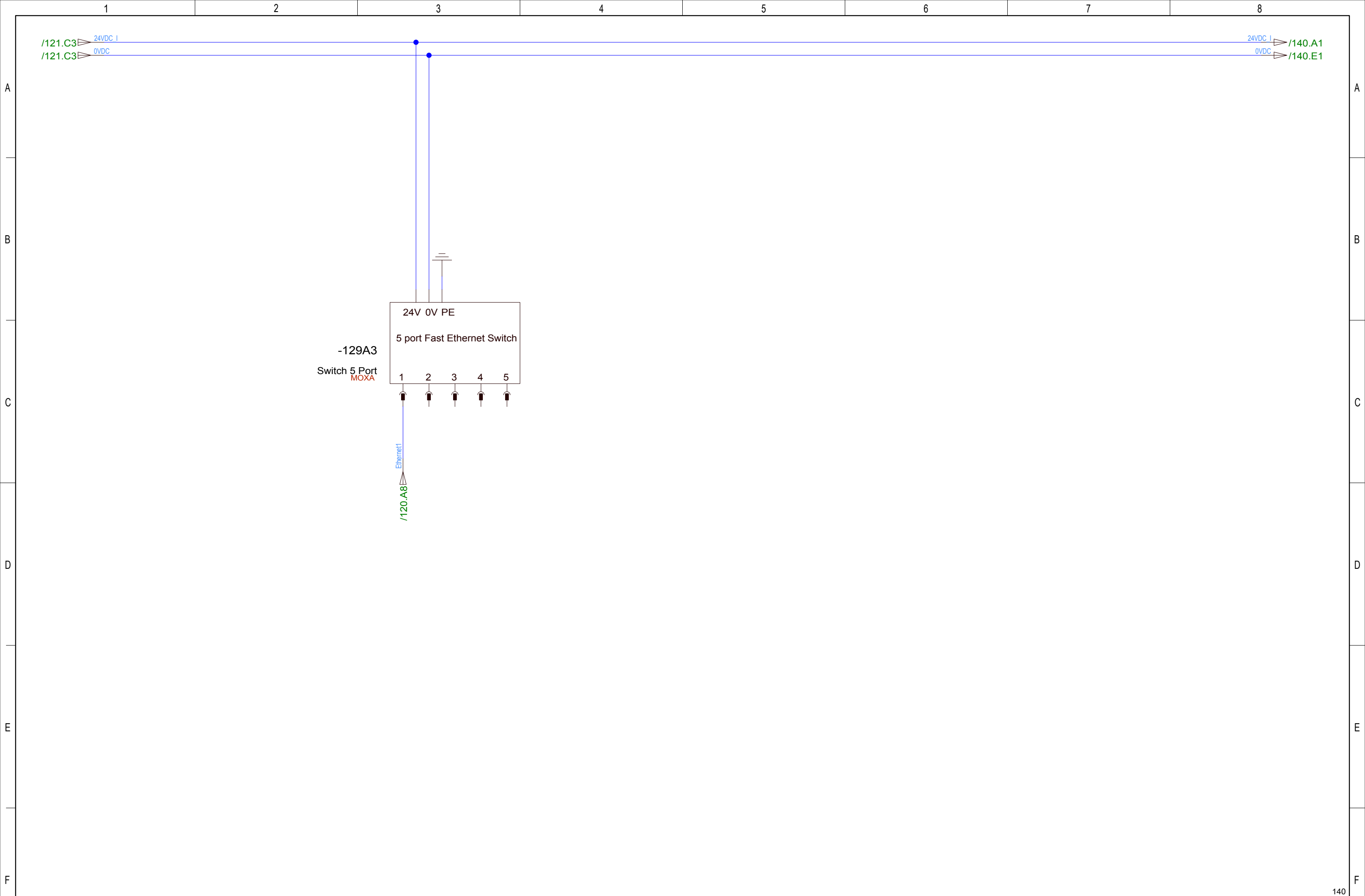
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                         |  |  |  |              |           |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|-----------------------------------------|--|--|--|--------------|-----------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | SPS Übersicht DI<br>Steuerschrank links |  |  |  |              |           |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                                         |  |  |  | +HS          |           |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                                         |  |  |  | 400208       | Blatt 121 |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |                                         |  |  |  | Anzahl Total | 60        |

123

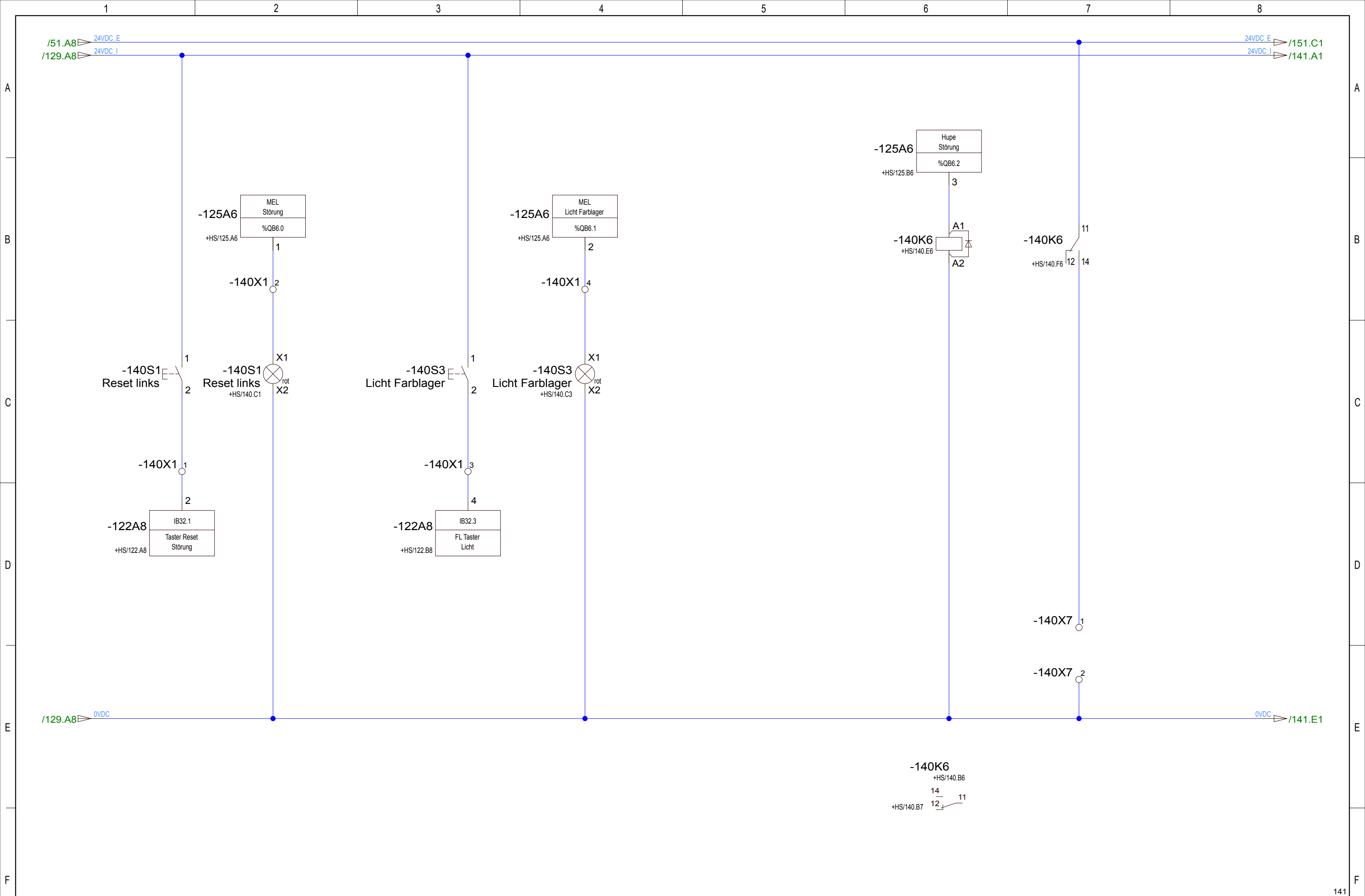


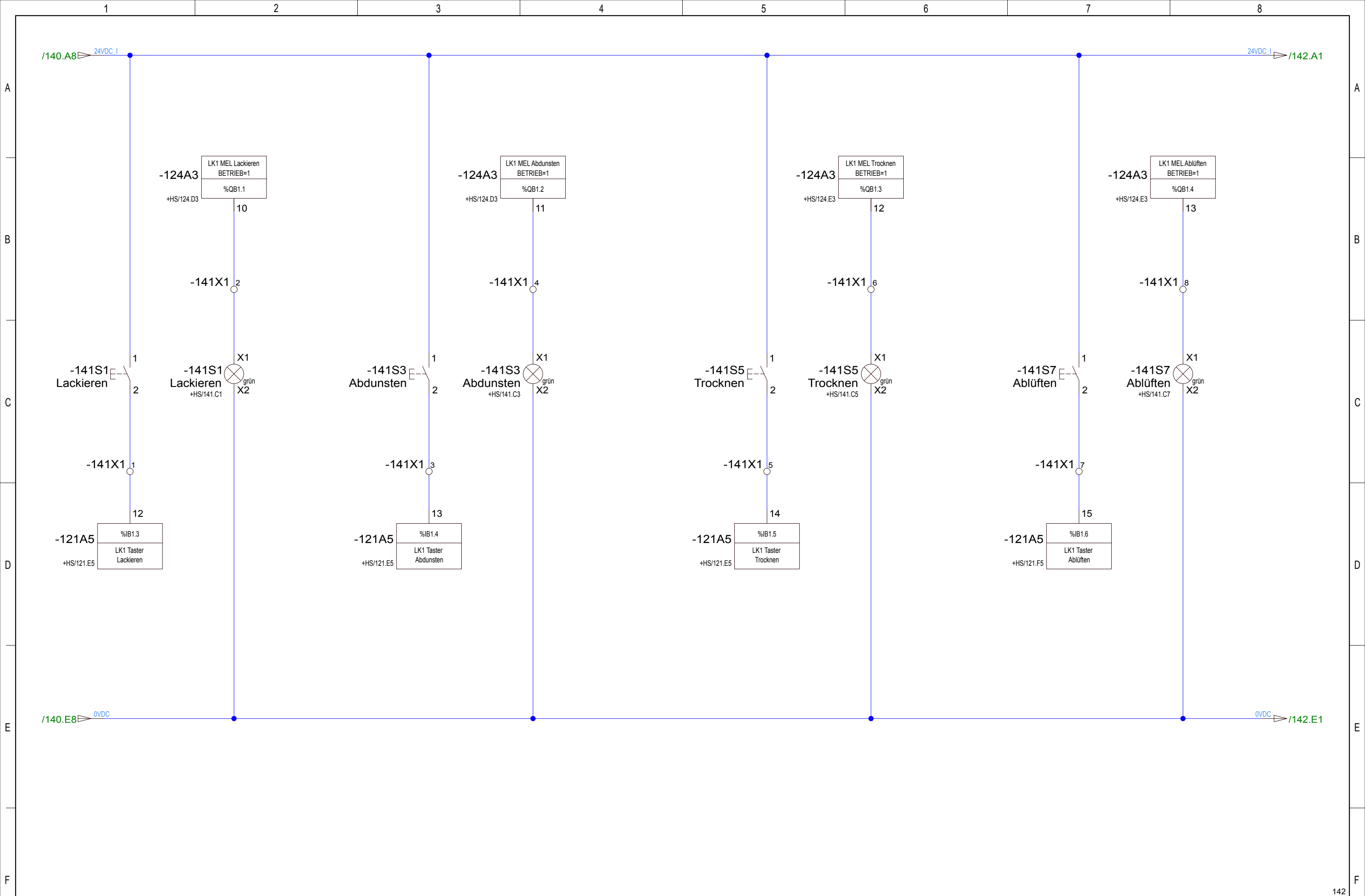


129

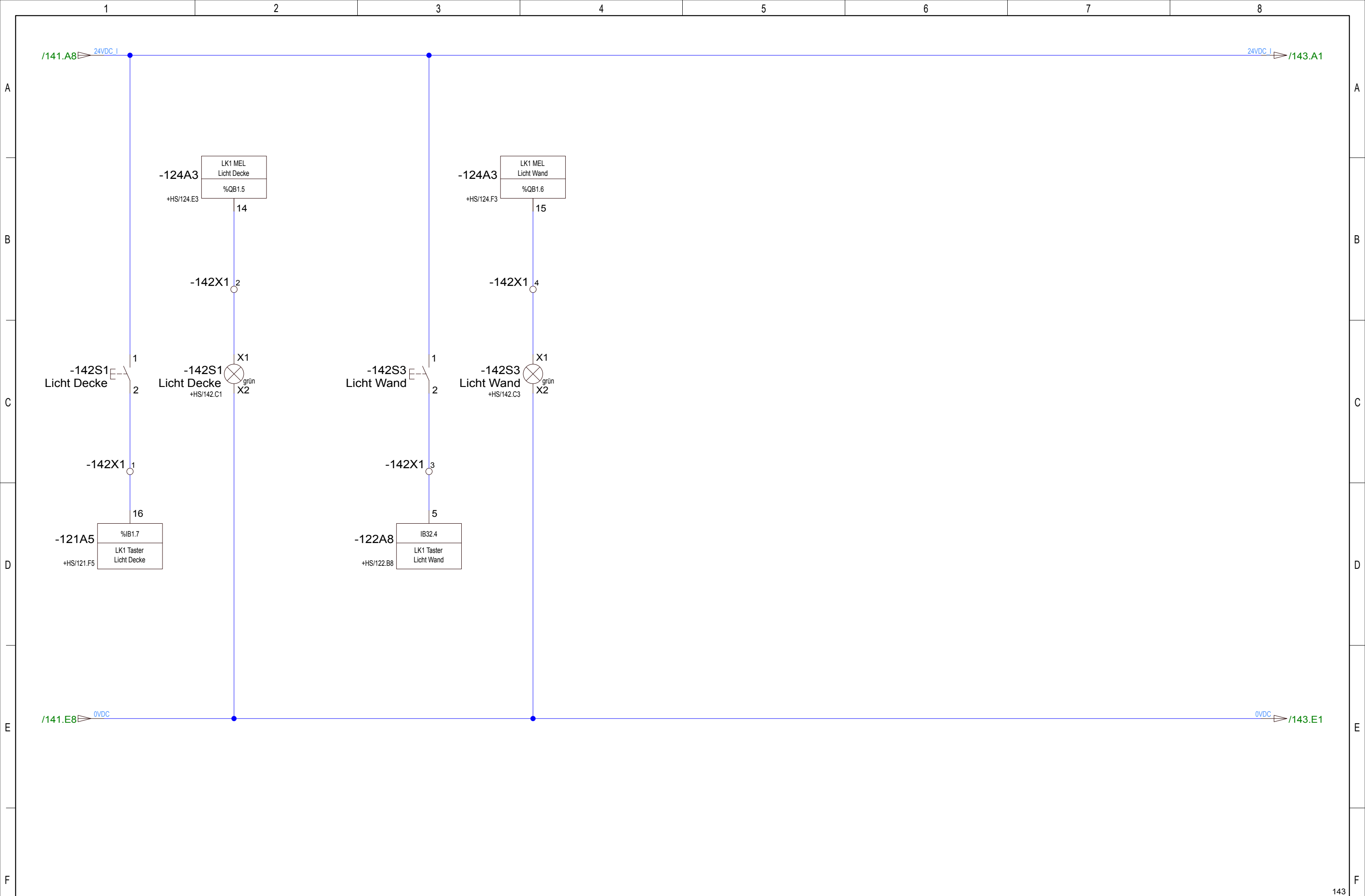


|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                    |  |  |  |        |                              |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|--------------------|--|--|--|--------|------------------------------|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Touch Panel Switch |  |  |  | +HS    |                              |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                    |  |  |  |        |                              |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                    |  |  |  |        |                              |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |                    |  |  |  | 400208 | Blatt 129<br>Anzahl Total 60 |

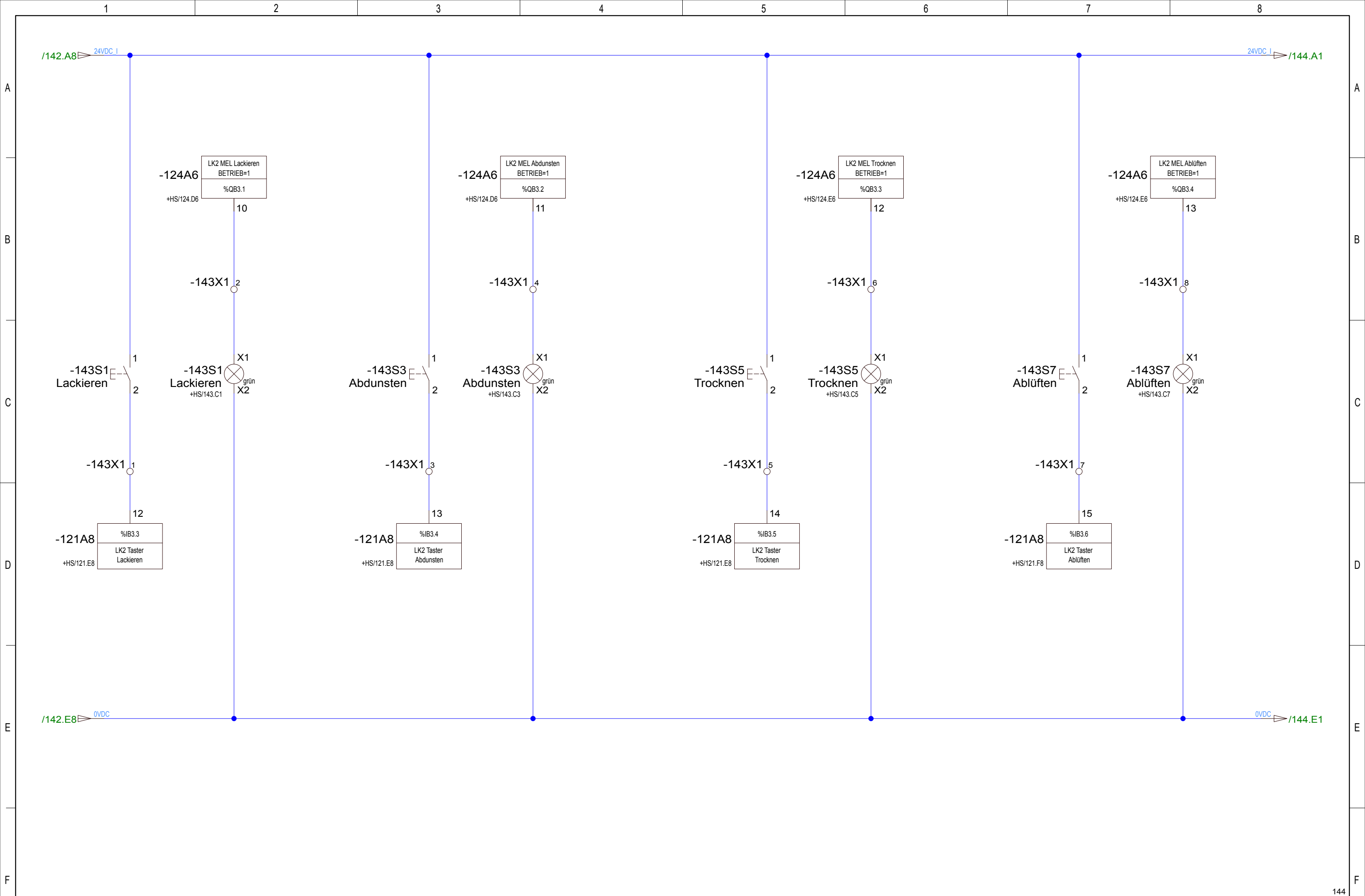




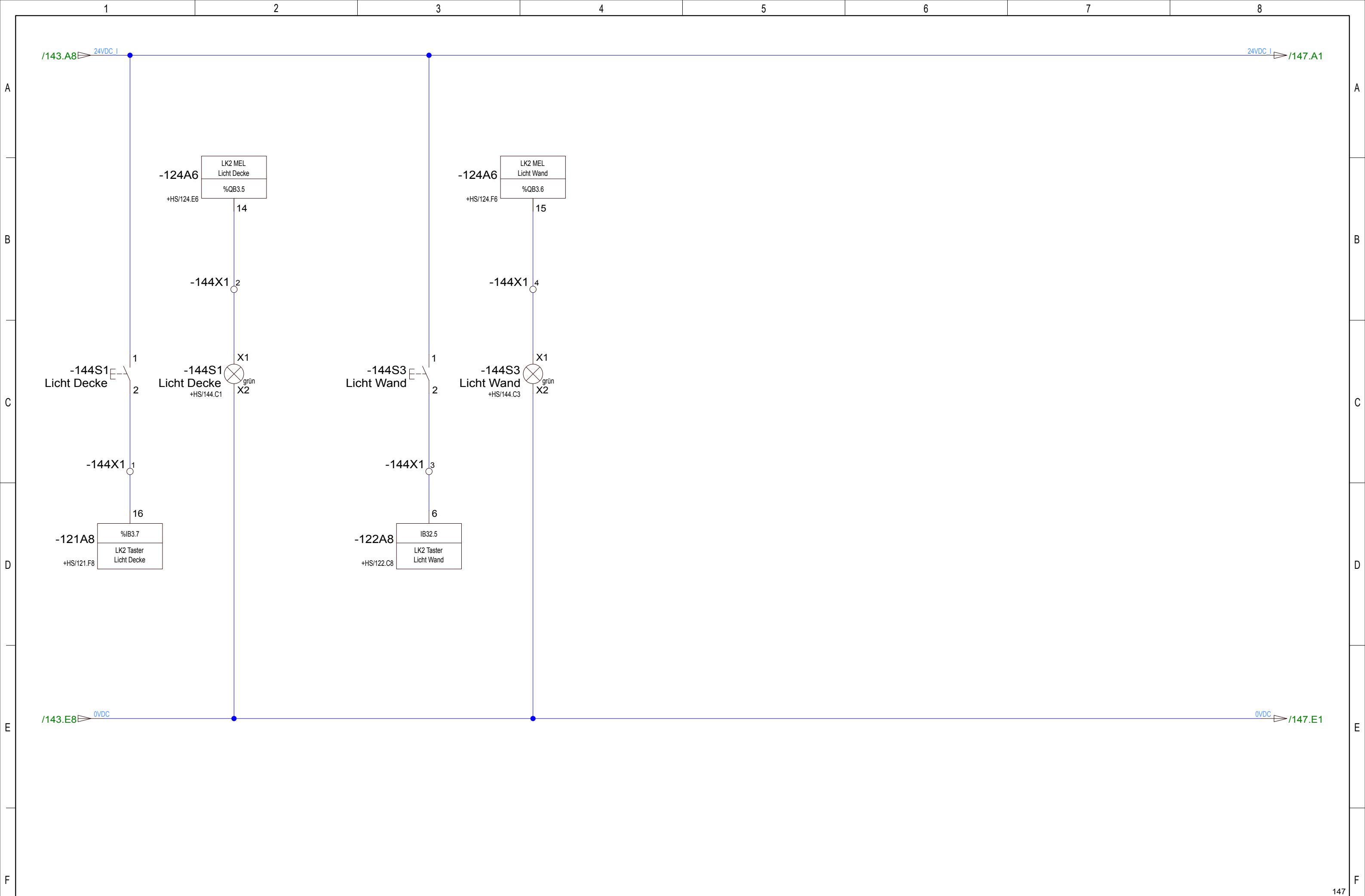
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|--------------------------------|--|--|--------|--------------|-----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Bedienung LK1<br>Schrank links |  |  |        | +HS          |     |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
| Zustand | Änderung | Datum    | Name | Norm   |            | Urspr.                                              | Ers. f. |  | Ers. d.                                                                                  |  |  |                                |  |  | 400208 | Blatt        | 141 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        | Anzahl Total | 60  |



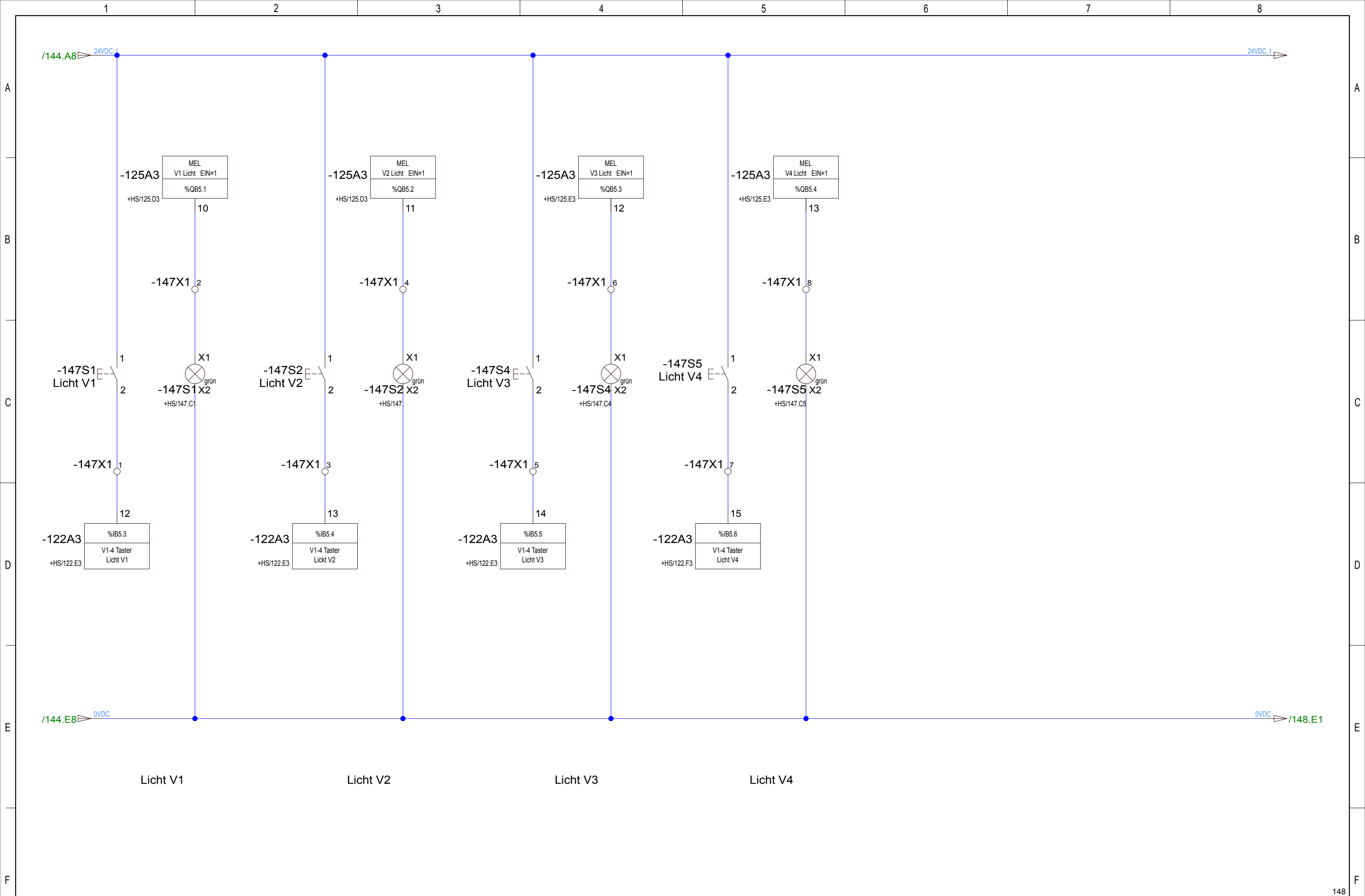
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|--------------------------------|--|--|--------|--------------|-----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Bedienung LK1<br>Schrank links |  |  |        | +HS          |     |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
| Zustand | Änderung | Datum    | Name | Norm   |            | Urspr.                                              | Ers. f. |  | Ers. d.                                                                                  |  |  |                                |  |  | 400208 | Blatt        | 142 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        | Anzahl Total | 60  |

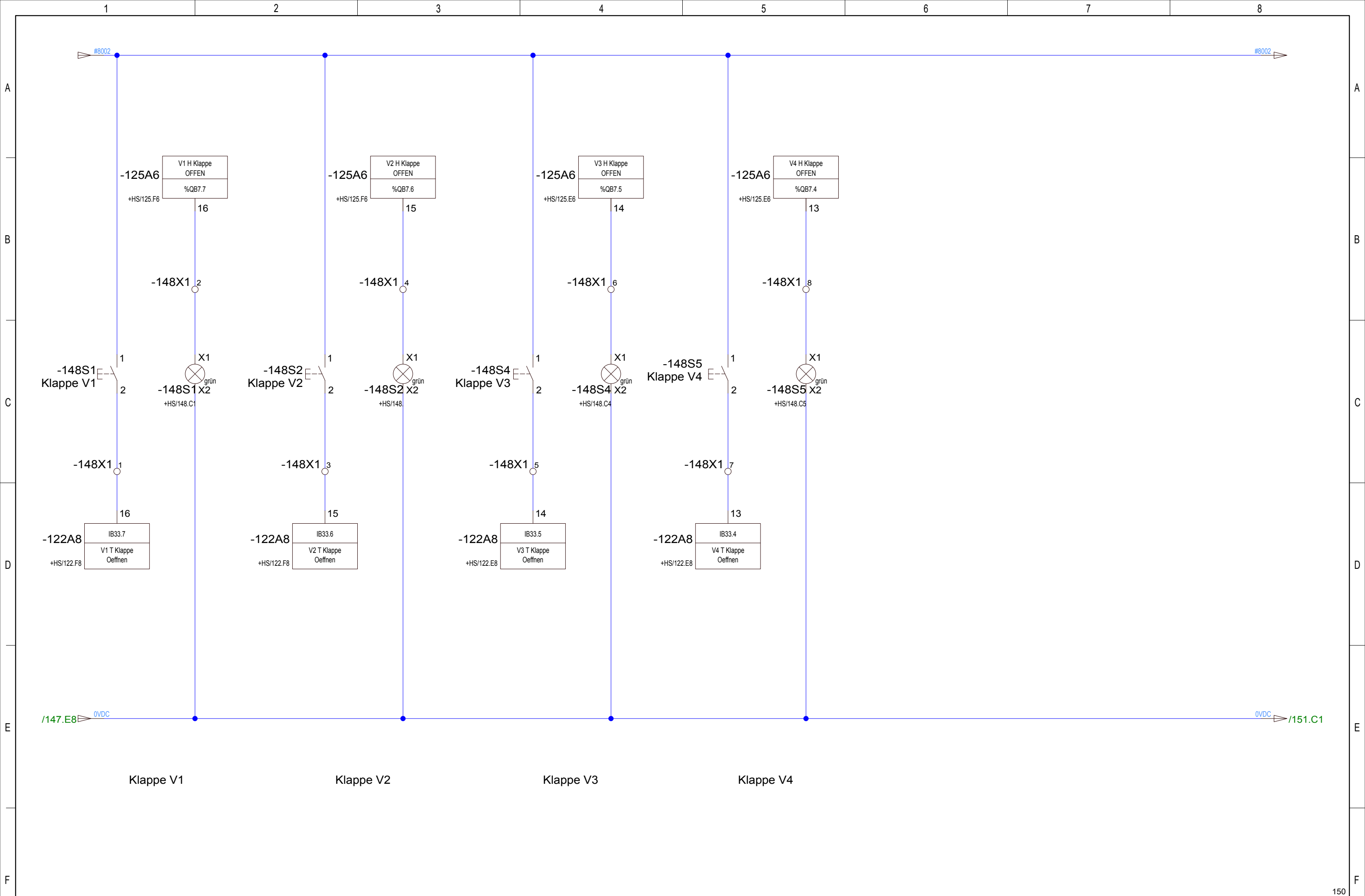


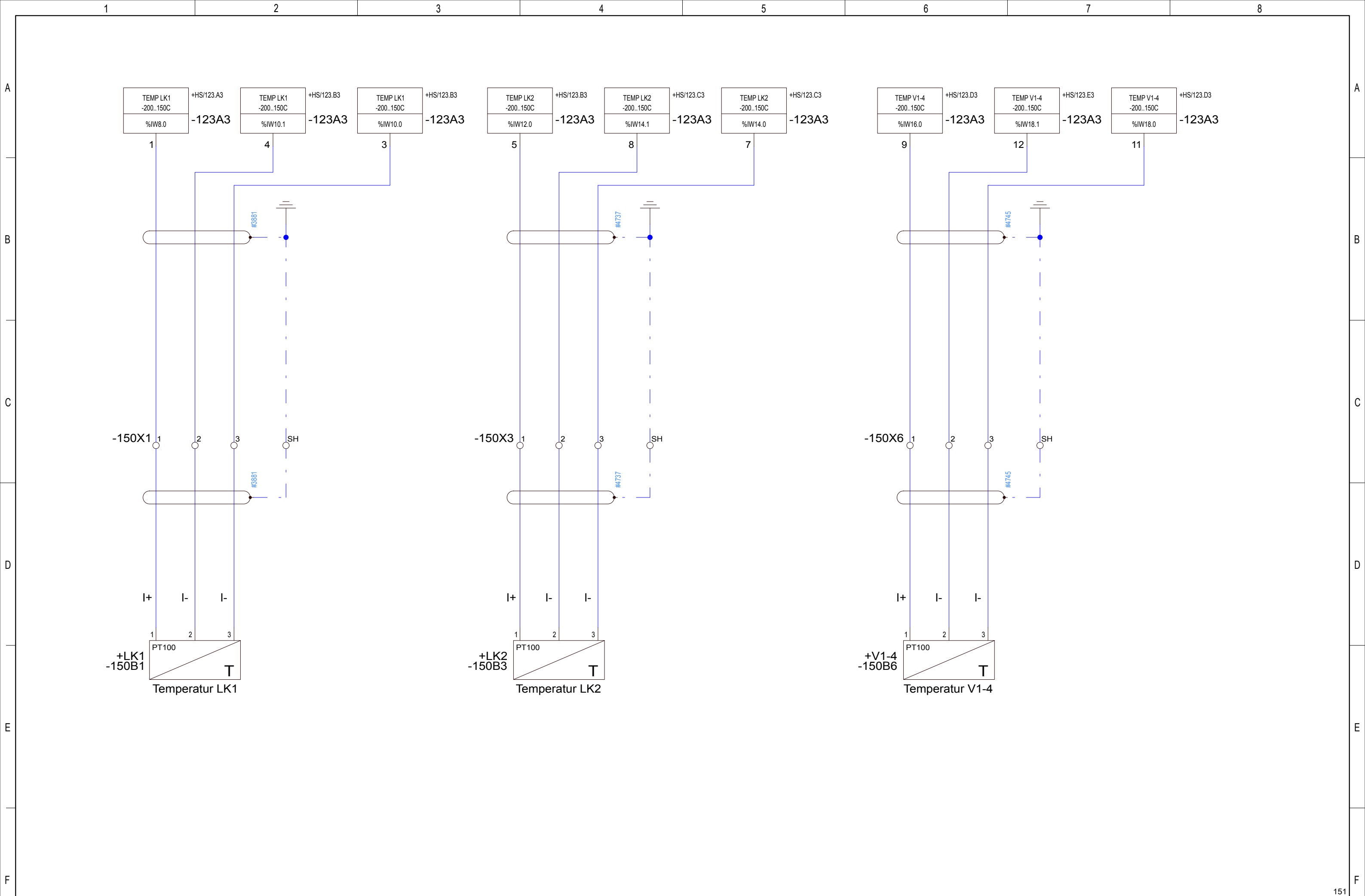
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|--------------------------------|--|--|--------|--------------|-----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Bedienung LK2<br>Schrank links |  |  |        | +HS          |     |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. |  | Ers. d.                                                                                  |  |  |                                |  |  | 400208 | Blatt        | 143 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        | Anzahl Total | 60  |



|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|--|------------------------------------------------------------------------------------------|--|--|--------------------------------|--|--|--------|--------------|-----|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         |  | Linzberger Elektronik GmbH<br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  |  | Bedienung LK2<br>Schrank links |  |  |        | +HS          |     |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        |              |     |
| Zustand | Änderung | Datum    | Name | Norm   |            | Urspr.                                              | Ers. f. |  | Ers. d.                                                                                  |  |  |                                |  |  | 400208 | Blatt        | 144 |
|         |          |          |      |        |            |                                                     |         |  |                                                                                          |  |  |                                |  |  |        | Anzahl Total | 60  |







|         |          |          |      |        |            |                                                     |         |                                                                                                 |  |                                    |        |                              |  |
|---------|----------|----------|------|--------|------------|-----------------------------------------------------|---------|-------------------------------------------------------------------------------------------------|--|------------------------------------|--------|------------------------------|--|
|         | 1.0.5    | 07.01.15 | IH   | Datum  | 09.12.2014 | GH Consulting GmbH<br>Lackier- und Trocknungskabine |         | <b>Linzberger Elektronik GmbH</b><br>Antriebstechnik • Steuerungsbau • Elektronik • Engineering |  | Analog Temperatur<br>Schrank links |        |                              |  |
|         | 1.0.4    | 09.12.14 | IH   | Bearb. | IH         |                                                     |         |                                                                                                 |  |                                    |        |                              |  |
|         | 1.0.3    | 01.12.14 | IH   | Gepr.  |            |                                                     |         |                                                                                                 |  |                                    |        |                              |  |
| Zustand | Änderung | Datum    | Name | Norm   |            | Ursp.                                               | Ers. f. | Ers. d.                                                                                         |  |                                    | 400208 | Blatt 150<br>Anzahl Total 60 |  |

