

Anlage:

Normalkühlung, Verdichter FU-geregelt

Boehringer Geb. 050 Raum 321

Firma:

iCool Kälte-Klimatechnik GmbH

Hafnergasse 1

2326 Maria Lanzendorf

SCHALTSCHRANKAUSFÜHRUNG

VERDRAHTUNGSFARBEN

SCHALTSCHRANKGRÖSSE:  
SOCKEL:  
LACKIERUNG:  
SCHUTZART:  
SCHUTZMASSNAHME:  
BLINDSCHALTBILD:  
KABELEINFÜHRUNG:  
TÜRANSCHLAG:

600x800x300  
-  
RAL 7035  
IP54  
lt. EVU  
nein  
unten  
links

(BxHxT)  
(H)  
  
  
  
(BxH)

HAUPTSTROMKREIS 400/230V:  
NEUTRALLEITER:  
SCHUTZLEITER:  
STEUERSPANNUNG 230VAC:  
ohne Trafo:  
mit Trafo:  
STEUERSPANNUNG 0-24VAC:  
STEUERSPANNUNG 0-24VDC:  
GND, DDC:  
MESSLEITUNGEN, FÜHLER:  
POTENTIALFREIE LEITUNGEN:  
FREMDSPANNUNG:

schwarz

hellblau

gelb/grün

braun/hellblau

rot/rot-weiß

blau/blau-weiß

blau/blau-weiß

blau-weiß

grün

orange

orange

L/N

L/N

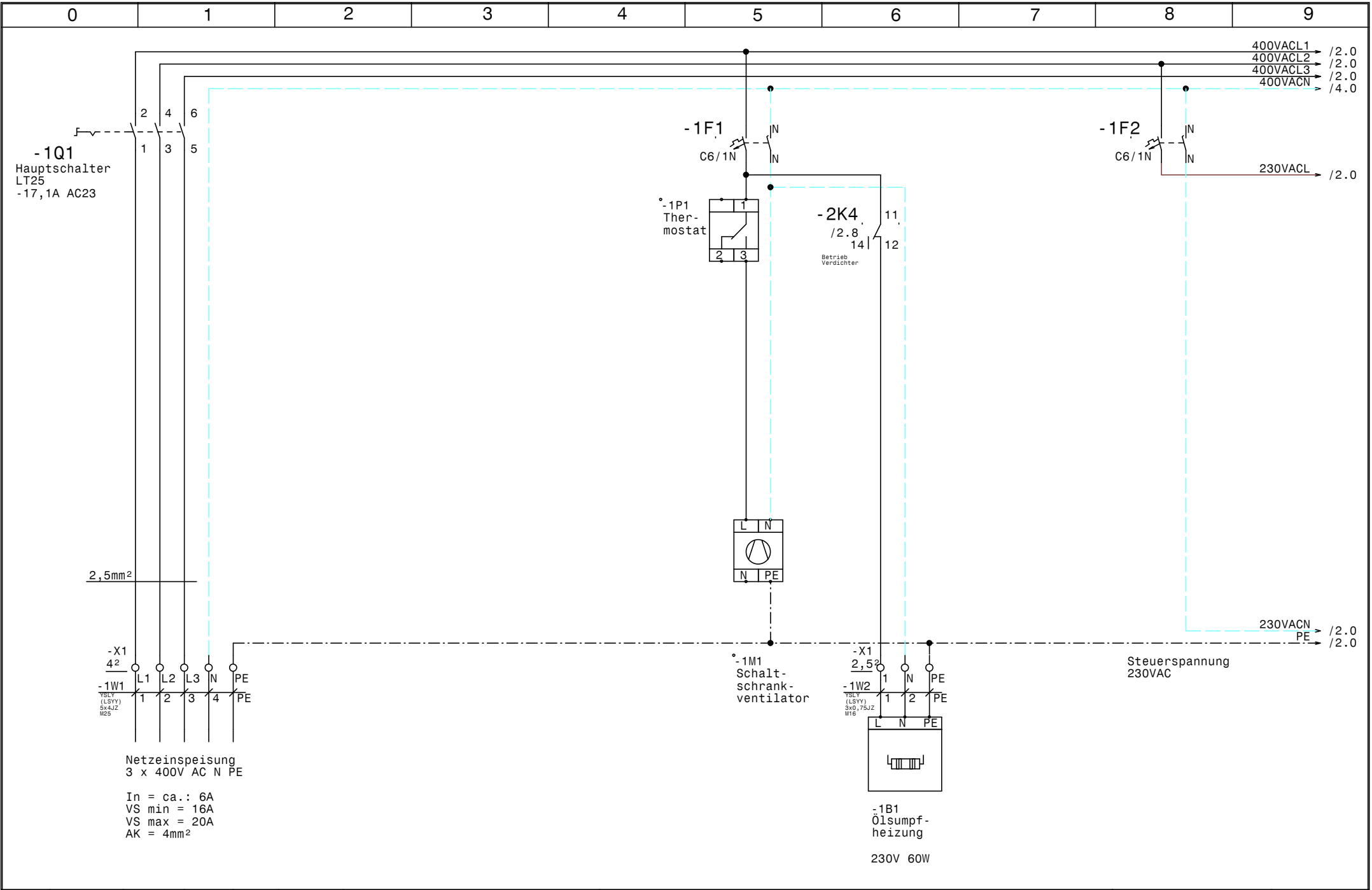
L/N

+/-

Bei Änderungen im Schaltschrank und auch an den externen Geräten die nicht von der Erzeugerfirma durchgeführt werden entfällt Garantie und Haftung. Dadurch entstehende Kosten werden nicht anerkannt. Sollte dies jedoch aus technischer Sicht notwendig sein ist die Erzeugerfirma zu verständigen. Schutzmaßnahmen des Örtlichen EVU's beachten! Motorschutzgeräte nach den tatsächlichen Aufnahmestrom der Motoren einstellen! Vor der Inbetriebnahme der Anlage sind sämtliche Schraub-, Klemm- und Steckverbindungen auf festen Sitz zu prüfen und gegebenenfalls nachzuziehen!

Blattverzeichnis

|     |              |     |              |     |                         |
|-----|--------------|-----|--------------|-----|-------------------------|
| 000 | Deckblatt    | 002 | Verdichter   | 004 | Expansionsventil Kühlen |
| 001 | Netzanschluß | 003 | Steuerung FU | 005 | GLT                     |

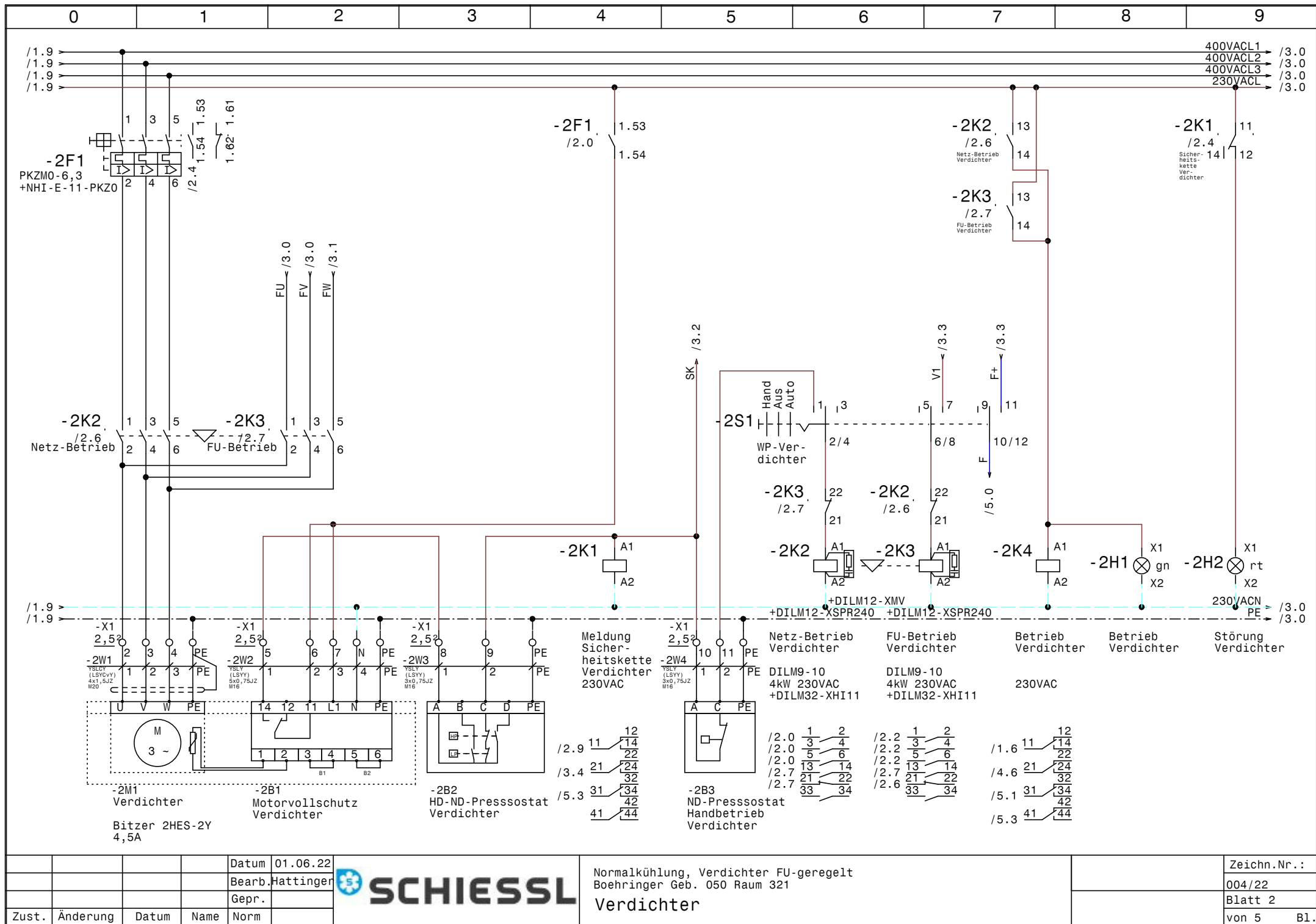


|       |          |       |      |        |           |
|-------|----------|-------|------|--------|-----------|
|       |          |       |      | Datum  | 01.06.22  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



Normalkühlung, Verdichter FU-geregelt  
Boehringer Geb. 050 Raum 321  
Netzanschluß

|  |             |
|--|-------------|
|  | Zeichn.Nr.: |
|  | 004/22      |
|  | Blatt 1     |
|  | von 5 Bl.   |

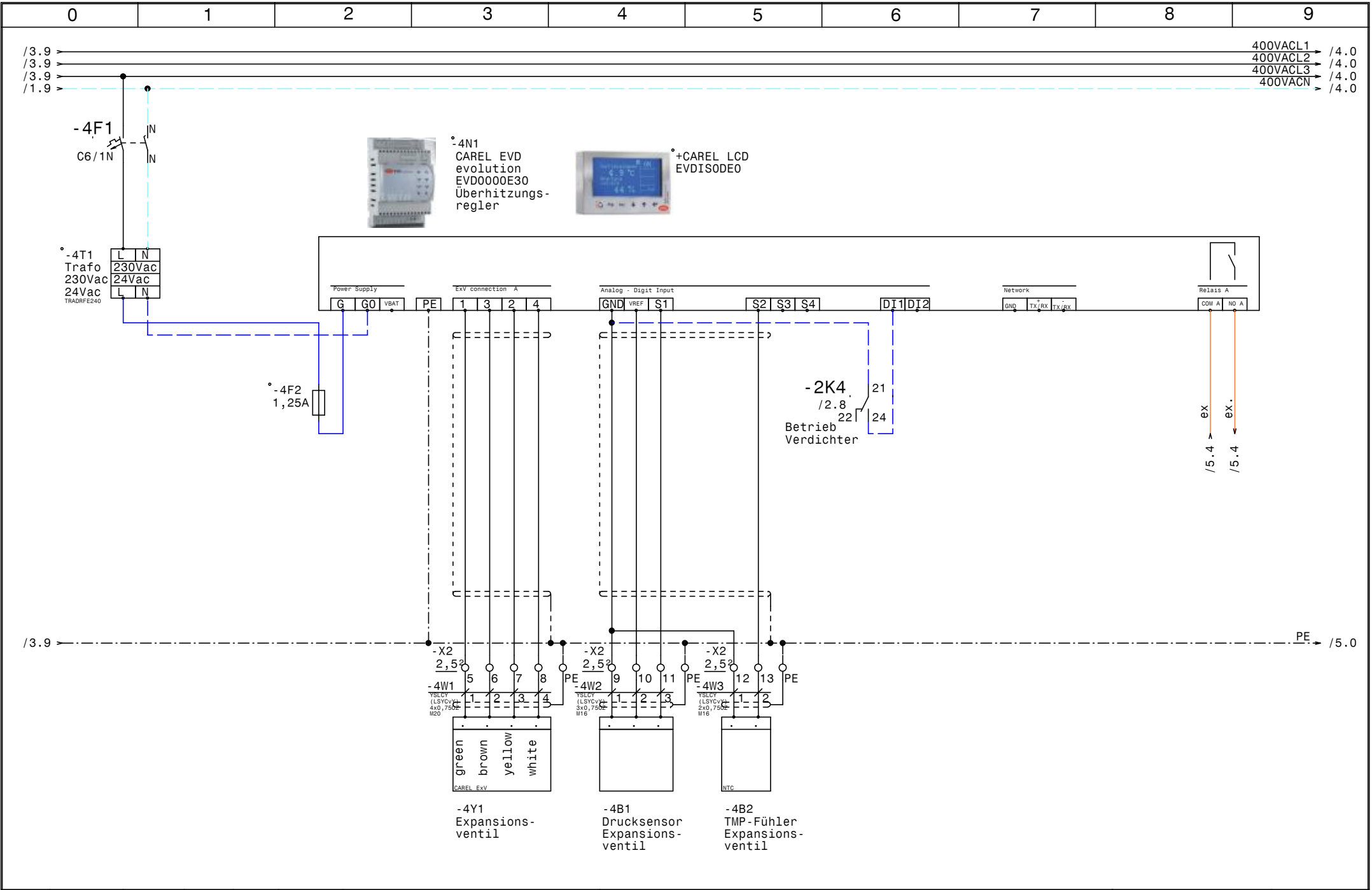


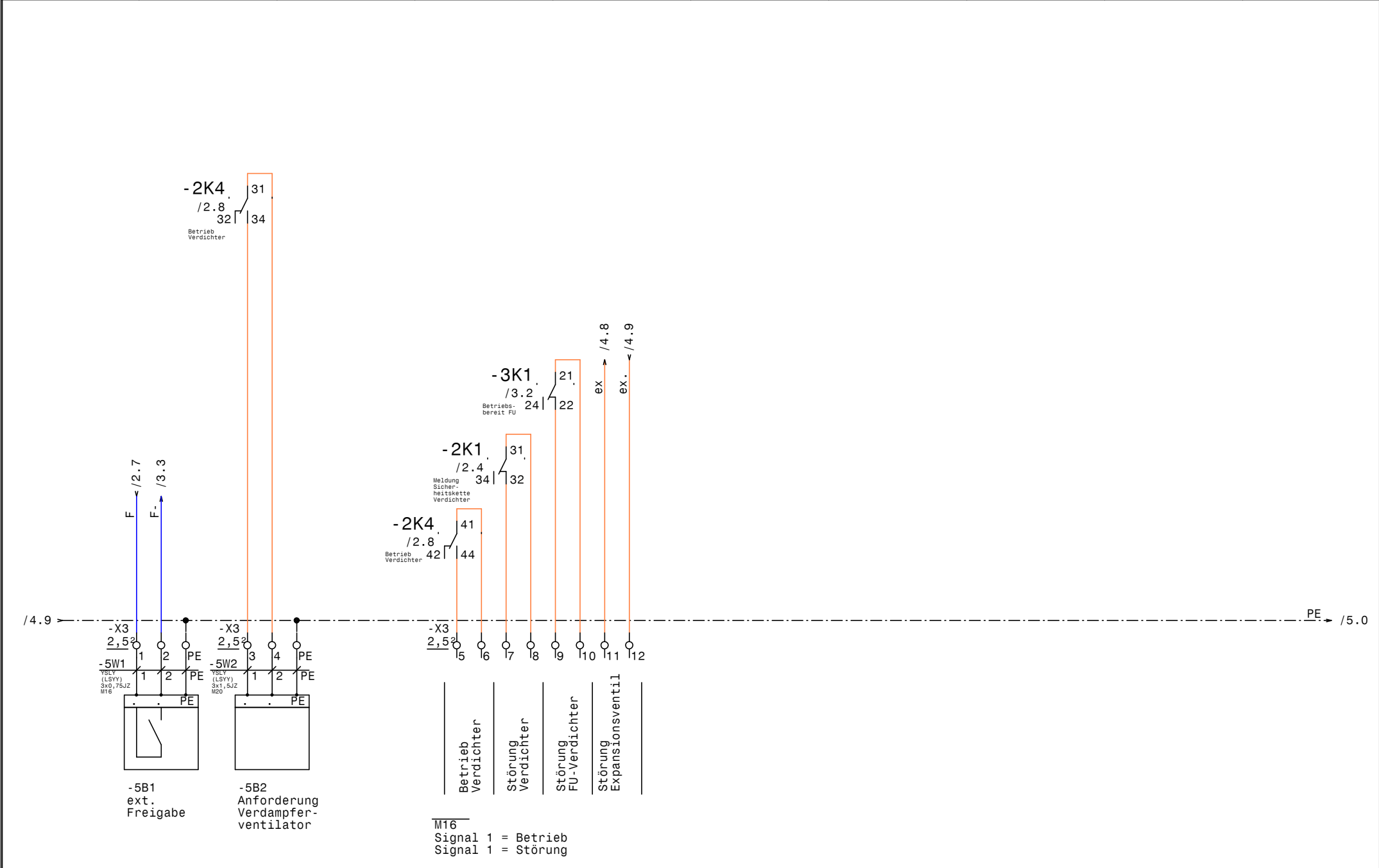
|       |          |       |      |        |           |
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|       |          |       |      | Datum  | 01.06.22  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



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| Normalkühlung, Verdichter FU-geregelt<br>Boehringer Geb. 050 Raum 321<br>Verdichter |  |  | Zeichn.Nr.: | 004/22    |
|                                                                                     |  |  | Blatt 2     | von 5 B1. |







| 0   |  | 1         |  | 2                        |  | 3                           |  | 4               |  | 5                                     |  | 6 |  | 7 |  | 8 |  | 9 |  |
|-----|--|-----------|--|--------------------------|--|-----------------------------|--|-----------------|--|---------------------------------------|--|---|--|---|--|---|--|---|--|
| Nr. |  | Feldgerät |  | Leitungs-<br>bezeichnung |  | Leitungs-<br>typ            |  | Anzahl<br>Adern |  | Zielbezeichnung                       |  |   |  |   |  |   |  |   |  |
| 1   |  | -1We1     |  | -1W1                     |  | YSLY (LSYY) 5x4JZ M25       |  | 5               |  | Netzeinspeisung 3 x 400V AC N PE      |  |   |  |   |  |   |  |   |  |
| 2   |  | -1B1      |  | -1W2                     |  | YSLY (LSYY) 3x0,75JZ M16    |  | 3               |  | Ölsumpfheizung                        |  |   |  |   |  |   |  |   |  |
| 3   |  | -2M1      |  | -2W1                     |  | YSLCY (LSYCVY) 4x1,5JZ M20  |  | 4               |  | Verdichter                            |  |   |  |   |  |   |  |   |  |
| 4   |  | -2B1      |  | -2W2                     |  | YSLY (LSYY) 5x0,75JZ M16    |  | 5               |  | Motorvollschutz Verdichter            |  |   |  |   |  |   |  |   |  |
| 5   |  | -2B2      |  | -2W3                     |  | YSLY (LSYY) 3x0,75JZ M16    |  | 3               |  | HD-ND-Presssostat Verdichter          |  |   |  |   |  |   |  |   |  |
| 6   |  | -2B3      |  | -2W4                     |  | YSLY (LSYY) 3x0,75JZ M16    |  | 3               |  | ND-Presssostat Handbetrieb Verdichter |  |   |  |   |  |   |  |   |  |
| 7   |  | -3B1      |  | -3W1                     |  | YSLCY (LSYCVY) 2x0,750Z M16 |  | 2               |  | ND-Transmitter Verdichter             |  |   |  |   |  |   |  |   |  |
| 8   |  | -3B2      |  | -3W2                     |  | YSLCY (LSYCVY) 2x0,750Z M16 |  | 2               |  | HD-Transmitter Verdichter             |  |   |  |   |  |   |  |   |  |
| 9   |  | -4Y1      |  | -4W1                     |  | YSLCY (LSYCVY) 4x0,750Z M20 |  | 4               |  | Expansionsventil                      |  |   |  |   |  |   |  |   |  |
| 10  |  | -4B1      |  | -4W2                     |  | YSLCY (LSYCVY) 3x0,750Z M16 |  | 3               |  | Drucksensor Expansionsventil          |  |   |  |   |  |   |  |   |  |
| 11  |  | -4B2      |  | -4W3                     |  | YSLCY (LSYCVY) 2x0,750Z M16 |  | 2               |  | TMP-Fühler Expansionsventil           |  |   |  |   |  |   |  |   |  |
| 12  |  | -5B1      |  | -5W1                     |  | YSLY (LSYY) 3x0,75JZ M16    |  | 3               |  | ext. Freigabe                         |  |   |  |   |  |   |  |   |  |
| 13  |  | -5B2      |  | -5W2                     |  | YSLY (LSYY) 3x1,5JZ M20     |  | 3               |  | Anforderung Verdampferventilator      |  |   |  |   |  |   |  |   |  |
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| 0             |                        | 1 |  | 2 |  | 3                                |  | 4 |  | 5 |                                    | 6 |  | 7 |  | 8 |  | 9 |  |
|---------------|------------------------|---|--|---|--|----------------------------------|--|---|--|---|------------------------------------|---|--|---|--|---|--|---|--|
| Stück<br>Zahl | Artikel<br>Bezeichnung |   |  |   |  | Artikel<br>Beschreibung          |  |   |  |   | Artikel<br>Bezüge                  |   |  |   |  |   |  |   |  |
| 1             |                        |   |  |   |  | FU                               |  |   |  |   | -3N1                               |   |  |   |  |   |  |   |  |
| 1             |                        |   |  |   |  | Glasrohrsicherung                |  |   |  |   | -4F2                               |   |  |   |  |   |  |   |  |
| 1             |                        |   |  |   |  | Thermostat                       |  |   |  |   | -1P1                               |   |  |   |  |   |  |   |  |
| 1             |                        |   |  |   |  | Schaltschrankventilator          |  |   |  |   | -1M1                               |   |  |   |  |   |  |   |  |
| 1             | C13/3N                 |   |  |   |  | Sicherungsautomaten              |  |   |  |   | -3F1                               |   |  |   |  |   |  |   |  |
| 3             | C6/1N                  |   |  |   |  | Sicherungsautomaten              |  |   |  |   | -1F2, -1F1, -4F1                   |   |  |   |  |   |  |   |  |
| 1             | DILM12-XMV             |   |  |   |  | Mechanische Verriegelung         |  |   |  |   | -2N2                               |   |  |   |  |   |  |   |  |
| 2             | DILM12-XSPR240         |   |  |   |  | RC-Löschglied                    |  |   |  |   | -2N1, -2N3                         |   |  |   |  |   |  |   |  |
| 2             | DILM32-XHI11           |   |  |   |  | Hilfsschalterbaustein            |  |   |  |   |                                    |   |  |   |  |   |  |   |  |
| 2             | DILM9-10(230V50HZ)     |   |  |   |  | Schütz                           |  |   |  |   | -2K3, -2K2                         |   |  |   |  |   |  |   |  |
| 12            | EK 2,5 ge/gr           |   |  |   |  | Erdungsklemme                    |  |   |  |   | -X1, -X2, -X3                      |   |  |   |  |   |  |   |  |
| 1             | EK 4 ge/gr             |   |  |   |  | Erdungsklemme                    |  |   |  |   | -X1                                |   |  |   |  |   |  |   |  |
| 1             | EVD0000E30             |   |  |   |  | CAREL EVD evolution              |  |   |  |   | -4N1                               |   |  |   |  |   |  |   |  |
| 1             | EVDISODE0              |   |  |   |  | +CAREL LCD                       |  |   |  |   | -4N2                               |   |  |   |  |   |  |   |  |
| 2             | Klemme 2,5 blau        |   |  |   |  | Klemme N                         |  |   |  |   | -X1                                |   |  |   |  |   |  |   |  |
| 36            | Klemme 2,5 grau        |   |  |   |  | Klemme L                         |  |   |  |   | -X3, -X1, -X2, -X3                 |   |  |   |  |   |  |   |  |
| 1             | Klemme 4 blau          |   |  |   |  | Klemme N                         |  |   |  |   | -X1                                |   |  |   |  |   |  |   |  |
| 3             | Klemme 4 grau          |   |  |   |  | Klemme L                         |  |   |  |   | -X1                                |   |  |   |  |   |  |   |  |
| 1             | LT25 -17,1A AC23       |   |  |   |  | Hauptschalter                    |  |   |  |   | -1Q1                               |   |  |   |  |   |  |   |  |
| 1             | M10HEU1                |   |  |   |  | Umschalter 1pol. 1-0-2           |  |   |  |   | -2S1                               |   |  |   |  |   |  |   |  |
| 10            | M16                    |   |  |   |  | Kabelverschraubung               |  |   |  |   | -2W3, -5W1, -1W2, -2W2, -5V1, -2W4 |   |  |   |  |   |  |   |  |
|               |                        |   |  |   |  |                                  |  |   |  |   | -3W1, -3W2, -4W3, -4W2             |   |  |   |  |   |  |   |  |
| 3             | M20                    |   |  |   |  | Kabelverschraubung               |  |   |  |   | -4W1, -2W1, -5W2                   |   |  |   |  |   |  |   |  |
| 1             | M25                    |   |  |   |  | Kabelverschraubung               |  |   |  |   | -1W1                               |   |  |   |  |   |  |   |  |
| 1             | NHI-E-11-PKZ0          |   |  |   |  | Normalhilfsschalter              |  |   |  |   |                                    |   |  |   |  |   |  |   |  |
| 1             | PKZM0-6,3              |   |  |   |  | Motorschutzschalter              |  |   |  |   | -2F1                               |   |  |   |  |   |  |   |  |
| 1             | Relais2polig230VAC     |   |  |   |  | Miniatur - Relais 2polig         |  |   |  |   | -3K1                               |   |  |   |  |   |  |   |  |
| 2             | Relais4polig230VAC     |   |  |   |  | Miniatur - Relais 4polig         |  |   |  |   | -2K1, -2K4                         |   |  |   |  |   |  |   |  |
| 1             | Signalleuchte grün     |   |  |   |  | Signalglimmlampe grün            |  |   |  |   | -2H1                               |   |  |   |  |   |  |   |  |
| 2             | Signalleuchte rot      |   |  |   |  | Signalglimmlampe rot             |  |   |  |   | -2H2, -3H1                         |   |  |   |  |   |  |   |  |
| 1             | Sockel 2polig          |   |  |   |  | Sockel für Minitur Relais 2polig |  |   |  |   |                                    |   |  |   |  |   |  |   |  |
| 2             | Sockel 4polig          |   |  |   |  | Sockel für Minitur Relais 4polig |  |   |  |   |                                    |   |  |   |  |   |  |   |  |
| 1             | TRADRFE240             |   |  |   |  | Trafo 230Vac 24Vac               |  |   |  |   | -4T1                               |   |  |   |  |   |  |   |  |

|       |          |       |      |        |              |                                                                                                     |                                                                       |  |             |
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|       |          |       |      | Datum  | 01.06.22     |  <b>SCHIESSL</b> | Normalkühlung, Verdichter FU-geregelt<br>Boehringer Geb. 050 Raum 321 |  | Zeichn.Nr.: |
|       |          |       |      | Bearb. | Hattinger F. |                                                                                                     |                                                                       |  | 004/22      |
|       |          |       |      | Gepr.  |              |                                                                                                     |                                                                       |  | Blatt 1     |
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| Stück<br>Zahl |  | Artikel<br>Bezeichnung    |  |   |  | Artikel<br>Beschreibung |  |   |  | Artikel<br>Bezüge |  |   |  |   |  |   |  |   |  |
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