

Anlage:

Normal +Tiefkühlung

Neubergerhof

Firma:

Far

SCHALTSCHRANKAUSFÜHRUNG

SCHALTSCHRANKGRÖSSE:

600x800x300

(BxHxT)

(H)

SOCKEL:

-

RAL 7032

IP54

SCHUTZART:

lt. EVU

nein

(BxH)

BLINDSCHALTBILD:

nein

unten

rechts

TÜRANSCHLAG:

VERDRAHTUNGSFARBEN

HAUPTSTROMKREIS 400/230V:

schwarz

hellblau

gelb/grün

NEUTRALLEITER:

braun/hellblau

rot/rot-weiß

SCHUTZLEITER:

blau/blau-weiß

blau/blau-weiß

STEUERSPANNUNG 230VAC:

blau-weiß

grün

ohne Trafo:

orange

mit Trafo:

orange

STEUERSPANNUNG 0-24VAC:

L/N

STEUERSPANNUNG 0-24VDC:

L/N

+/-

GND, DDC:

grün

MESSLEITUNGEN, FÜHLER:

orange

POTENTIALFREIE LEITUNGEN:

orange

FREMDSPANNUNG:

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

001 Netzanschluß Normalkühlung

002 Verdichter Normalkühlung

003 Steuerung FU Normalkühlung

004 Verdichter Tiefkühlung

005 Abgänge Kühlstellen u. Pulte

Zust.

Änderung

Datum

Name

Norm

Datum

05.08.09

Bearb.

Hattinger

Gepr.

 **Schuessl**  
Kälte- und Klimaanlagebedarf

Normal +Tiefkühlung

Neubergerhof

Deckblatt

Zeichn.Nr.:

160/09

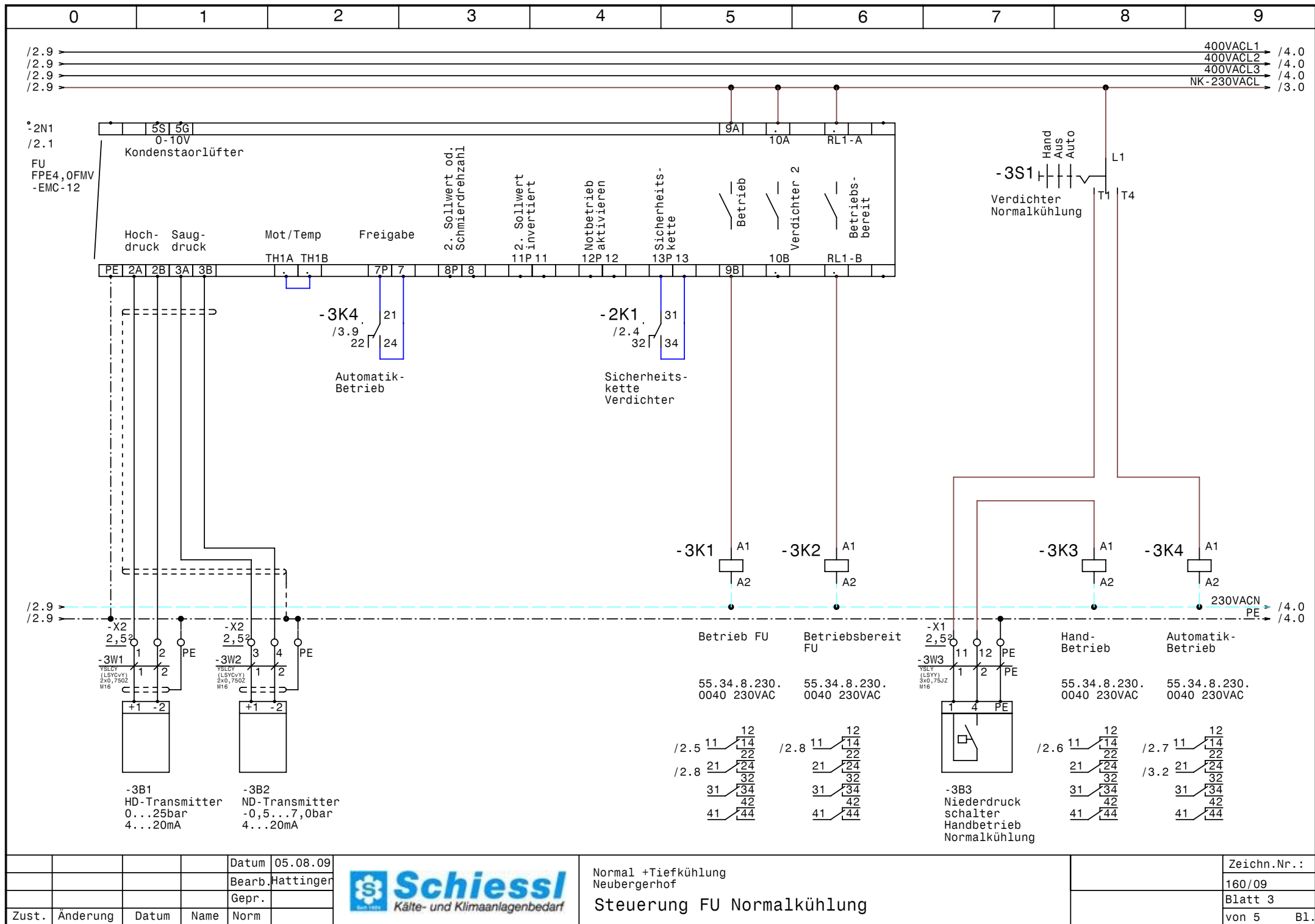
Blatt 0

von 5

B1.





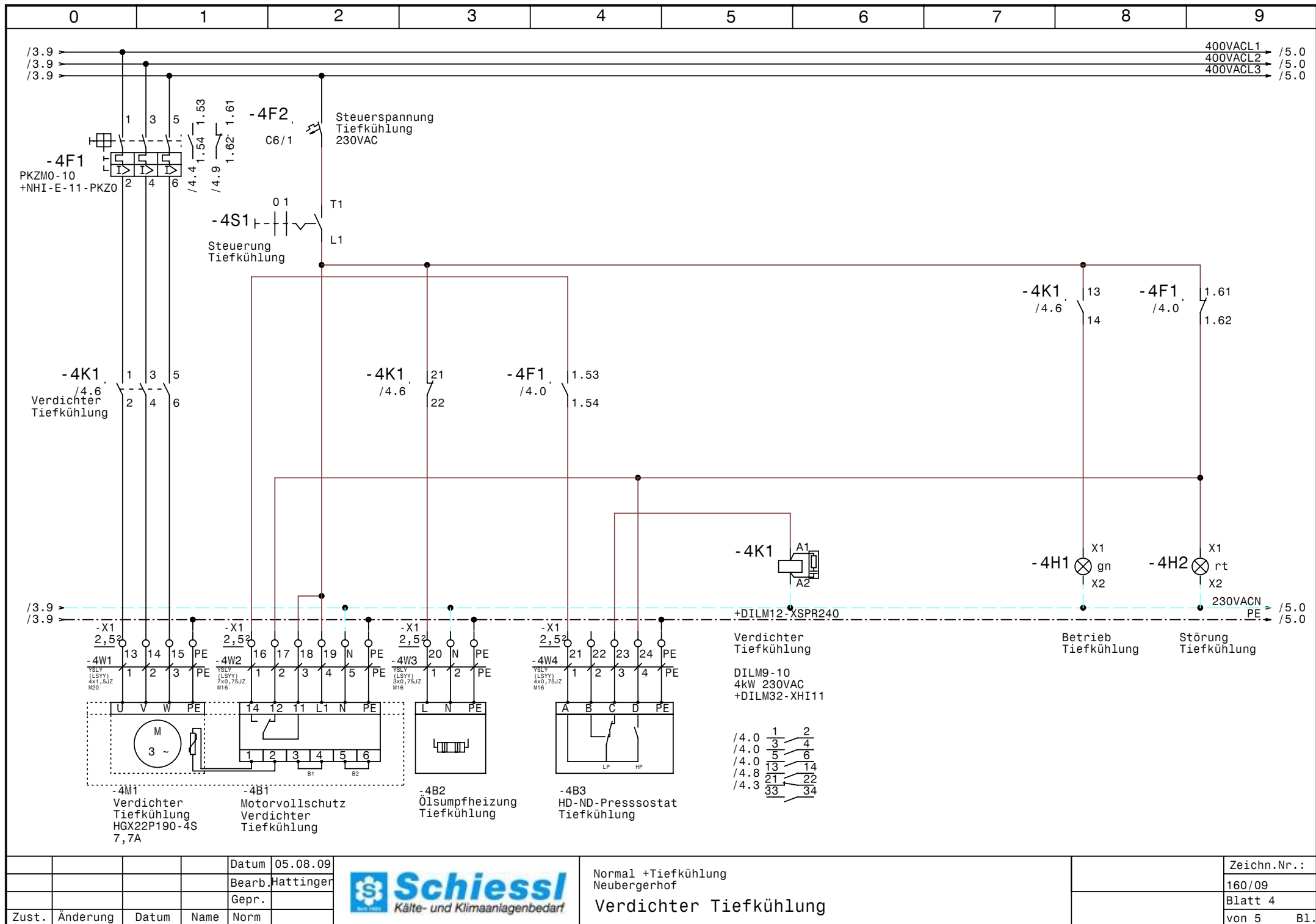


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|       |          |       | Datum  | 05.08.09  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



Normal +Tiefkühlung  
Neubergerhof  
Steuerung FU Normalkühlung

|             |
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| Zeichn.Nr.: |
| 160/09      |
| Blatt 3     |
| von 5 Bl.   |



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



Normal +Tiefkühlung  
Neubergerhof  
Verdichter Tiefkühlung

|             |        |
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| Zeichn.Nr.: | 160/09 |
| Blatt 4     | von 5  |
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| 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) 5x6JZ M25       |  |   |  | 5               |  | Netzeinspeisung 3 x 400V AC N PE               |  |   |  |
| 2   |  | -2M1      |  |   |  | -2W1                     |  |   |  | YSLCY (LSYCVY) 4x1,5JZ M20  |  |   |  | 4               |  | Verdichter Normalkühlung                       |  |   |  |
| 3   |  | -2B1      |  |   |  | -2W2                     |  |   |  | YSLY (LSYY) 7x0,75JZ M16    |  |   |  | 6               |  | Motorvollschutz Verdichter Normalkühlung       |  |   |  |
| 4   |  | -2B2      |  |   |  | -2W3                     |  |   |  | YSLY (LSYY) 3x0,75JZ M16    |  |   |  | 3               |  | HD-ND-Presssostat Normalkühlung                |  |   |  |
| 5   |  | -2B3      |  |   |  | -2W4                     |  |   |  | YSLY (LSYY) 3x0,75JZ M16    |  |   |  | 3               |  | Ölsumpfheizung Normalkühlung                   |  |   |  |
| 6   |  | -3B1      |  |   |  | -3W1                     |  |   |  | YSLCY (LSYCVY) 2x0,750Z M16 |  |   |  | 2               |  | HD-Transmitter                                 |  |   |  |
| 7   |  | -3B2      |  |   |  | -3W2                     |  |   |  | YSLCY (LSYCVY) 2x0,750Z M16 |  |   |  | 2               |  | ND-Transmitter                                 |  |   |  |
| 8   |  | -3B3      |  |   |  | -3W3                     |  |   |  | YSLY (LSYY) 3x0,75JZ M16    |  |   |  | 3               |  | Niederdruck schalter Handbetrieb Normalkühlung |  |   |  |
| 9   |  | -4M1      |  |   |  | -4W1                     |  |   |  | YSLY (LSYY) 4x1,5JZ M20     |  |   |  | 4               |  | Verdichter Tiefkühlung                         |  |   |  |
| 10  |  | -4B1      |  |   |  | -4W2                     |  |   |  | YSLY (LSYY) 7x0,75JZ M16    |  |   |  | 6               |  | Motorvollschutz Verdichter Tiefkühlung         |  |   |  |
| 11  |  | -4B2      |  |   |  | -4W3                     |  |   |  | YSLY (LSYY) 3x0,75JZ M16    |  |   |  | 3               |  | Ölsumpfheizung Tiefkühlung                     |  |   |  |
| 12  |  | -4B3      |  |   |  | -4W4                     |  |   |  | YSLY (LSYY) 4x0,75JZ M16    |  |   |  | 5               |  | HD-ND-Presssostat Tiefkühlung                  |  |   |  |
| 13  |  | -5B1      |  |   |  | -5W1                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Abgang Kühlzelle 1                             |  |   |  |
| 14  |  | -5B2      |  |   |  | -5W2                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Abgang Kühlzelle 2                             |  |   |  |
| 15  |  | -5B3      |  |   |  | -5W3                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Abgang Kühlzelle 3                             |  |   |  |
| 16  |  | -5B4      |  |   |  | -5W4                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Abgang Kühlzelle 4                             |  |   |  |
| 17  |  | -5B5      |  |   |  | -5W5                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Abgang Kühlzelle 5                             |  |   |  |
| 18  |  | -5B6      |  |   |  | -5W6                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Abgang Kühlpult 1                              |  |   |  |
| 19  |  | -5B7      |  |   |  | -5W7                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Abgang Kühlpult 2                              |  |   |  |
| 20  |  | -5B8      |  |   |  | -5W8                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Abgang Kühlpult 3                              |  |   |  |
|     |  |           |  |   |  |                          |  |   |  |                             |  |   |  |                 |  |                                                |  |   |  |
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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             | PKZM0-6,3                 |       |        |              |          | Motorschutzschalter                                                                                                                 |  |   |  |   | -2F1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 2             | PKZM0-10                  |       |        |              |          | Motorschutzschalter                                                                                                                 |  |   |  |   | -4F1, -2F2                                               |   |  |   |  |           |  |   |  |  |             |  |
| 3             | NHI-E-11-PKZO             |       |        |              |          | Normalhilfsschalter                                                                                                                 |  |   |  |   |                                                          |   |  |   |  |           |  |   |  |  |             |  |
| 5             | C10/1                     |       |        |              |          | Sicherungsautomaten                                                                                                                 |  |   |  |   | -5F3, -5F1, -5F4, -5F5, -5F2                             |   |  |   |  |           |  |   |  |  |             |  |
| 6             | C6/1                      |       |        |              |          | Sicherungsautomaten                                                                                                                 |  |   |  |   | -5F6, -5F7, -5F8, -4F2, -1F2, -1F1                       |   |  |   |  |           |  |   |  |  |             |  |
| 2             | Signalleuchte grün        |       |        |              |          | Signalglimmlampe grün                                                                                                               |  |   |  |   | -4H1, -2H1                                               |   |  |   |  |           |  |   |  |  |             |  |
| 2             | Signalleuchte rot         |       |        |              |          | Signalglimmlampe rot                                                                                                                |  |   |  |   | -4H2, -2H2                                               |   |  |   |  |           |  |   |  |  |             |  |
| 5             | 55.34.8.230.0040          |       |        |              |          | Finder - Relais Type 55 4polig                                                                                                      |  |   |  |   | -2K1, -3K4, -3K3, -3K2, -3K1                             |   |  |   |  |           |  |   |  |  |             |  |
| 1             | DILM32-XHI22              |       |        |              |          | Hilfsschalterbaustein                                                                                                               |  |   |  |   |                                                          |   |  |   |  |           |  |   |  |  |             |  |
| 1             | DILM12-10(230V50HZ)       |       |        |              |          | Schütz                                                                                                                              |  |   |  |   | -2K3                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 2             | DILM32-XHI11              |       |        |              |          | Hilfsschalterbaustein                                                                                                               |  |   |  |   |                                                          |   |  |   |  |           |  |   |  |  |             |  |
| 5             | 94.04                     |       |        |              |          | Fassung für Finder Relais 4polig                                                                                                    |  |   |  |   |                                                          |   |  |   |  |           |  |   |  |  |             |  |
| 2             | DILM9-10(230V50HZ)        |       |        |              |          | Schütz                                                                                                                              |  |   |  |   | -4K1, -2K2                                               |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Schaltschrankventilator                                                                                                             |  |   |  |   | -1M1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 1             | WS 6830 B=600 H=800 T=300 |       |        |              |          | Wandschrank IP 55                                                                                                                   |  |   |  |   | -0N1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | FU                                                                                                                                  |  |   |  |   | -2N1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | EMV-Filter                                                                                                                          |  |   |  |   | -2N2                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 1             | DILM12-XMV                |       |        |              |          | Mechanische Verrigelung                                                                                                             |  |   |  |   | -2N4                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 3             | DILM12-XSPR240            |       |        |              |          | RC-Löschglied                                                                                                                       |  |   |  |   | -4N1, -2N5, -2N3                                         |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Thermostat                                                                                                                          |  |   |  |   | -1P1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 1             | LTS63 EHN1 A3             |       |        |              |          | Hauptschalter                                                                                                                       |  |   |  |   | -1Q1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 1             | M10HEU1                   |       |        |              |          | Umschalter 1pol. 1-0-2                                                                                                              |  |   |  |   | -3S1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 1             | M10HEA1                   |       |        |              |          | Ausschalter 1pol. 0-1                                                                                                               |  |   |  |   | -4S1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 1             | M25                       |       |        |              |          | Kabelverschraubung                                                                                                                  |  |   |  |   | -1W1                                                     |   |  |   |  |           |  |   |  |  |             |  |
| 10            | M20                       |       |        |              |          | Kabelverschraubung                                                                                                                  |  |   |  |   | -4W1, -5W3, -5W2, -5W5, -5W4, -2W1                       |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                     |  |   |  |   | -5W6, -5W7, -5W8, -5W1                                   |   |  |   |  |           |  |   |  |  |             |  |
| 9             | M16                       |       |        |              |          | Kabelverschraubung                                                                                                                  |  |   |  |   | -4W4, -2W2, -2W3, -2W4, -3W1, -3W3                       |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                     |  |   |  |   | -4W3, -4W2, -3W2                                         |   |  |   |  |           |  |   |  |  |             |  |
| 12            | Klemme 2,5 blau           |       |        |              |          | Klemme N                                                                                                                            |  |   |  |   | -X1                                                      |   |  |   |  |           |  |   |  |  |             |  |
| 3             | Klemme 6 grau             |       |        |              |          | Klemme L                                                                                                                            |  |   |  |   | -X1                                                      |   |  |   |  |           |  |   |  |  |             |  |
| 1             | Klemme 6 blau             |       |        |              |          | Klemme N                                                                                                                            |  |   |  |   | -X1                                                      |   |  |   |  |           |  |   |  |  |             |  |
| 1             | EK 6 ge/gr                |       |        |              |          | Erdungsklemme                                                                                                                       |  |   |  |   | -X1                                                      |   |  |   |  |           |  |   |  |  |             |  |
| 20            | EK 2,5 ge/gr              |       |        |              |          | Erdungsklemme                                                                                                                       |  |   |  |   | -X1, -X2                                                 |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        | Datum        | 05.08.09 |  <b>Schiessl</b><br>Kälte- und Klimaanlagebedarf |  |   |  |   | Normal +Tiefkühlung<br>Neuburgerhof<br><br>Materialliste |   |  |   |  |           |  |   |  |  | Zeichn.Nr.: |  |
|               |                           |       | Bearb. | Hattinger F. | 160/09   |                                                                                                                                     |  |   |  |   |                                                          |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       | Gepr.  |              | Blatt 1  |                                                                                                                                     |  |   |  |   |                                                          |   |  |   |  |           |  |   |  |  |             |  |
| Zust.         | Änderung                  | Datum | Name   | Norm         |          |                                                                                                                                     |  |   |  |   |                                                          |   |  |   |  | von 2 Bl. |  |   |  |  |             |  |



[illegible]