

Anlage:

Normal +Tiefkühlung

Alpina

Firma:

Fankhauser

SCHALTSCHRANKAUSFÜHRUNG

VERDRAHTUNGSFARBEN

SCHALTSCHRANKGRÖSSE:

800x800x300

(BxHxT)

SOCKEL:

-

(H)

LACKIERUNG:

RAL 7032

SCHUTZART:

IP54

SCHUTZMASSNAHME:

lt. EVU

BLINDSCHALTBILD:

nein

(BxH)

KABELEINFÜHRUNG:

unten

TÜRANSCHLAG:

rechts

HAUPTSTROMKREIS 400/230V:

schwarz

NEUTRALLEITER:

hellblau

SCHUTZLEITER:

gelb/grün

STEUERSPANNUNG 230VAC:

ohne Trafo: L/N braun/hellblau

mit Trafo: L/N rot/rot-weiß

STEUERSPANNUNG 0-24VAC: L/N blau/blau-weiß

STEUERSPANNUNG 0-24VDC: +/- blau/blau-weiß

GND, DDC: blau-weiß

MESSLEITUNGEN, FÜHLER: grün

POTENTIALFREIE LEITUNGEN: orange

FREMDSPANNUNG: orange

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

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009 Abgänge Kühlstellen

010 Störmeldeinheit

Datum

30.11.09

Bearb.

Hattinger

Gepr.

Zust.

Änderung

Datum

Name

Norm

Schiessl

Kälte- und Klimaanlagebedarf

Normal +Tiefkühlung

Alpina

Deckblatt

Zeichn.Nr.:

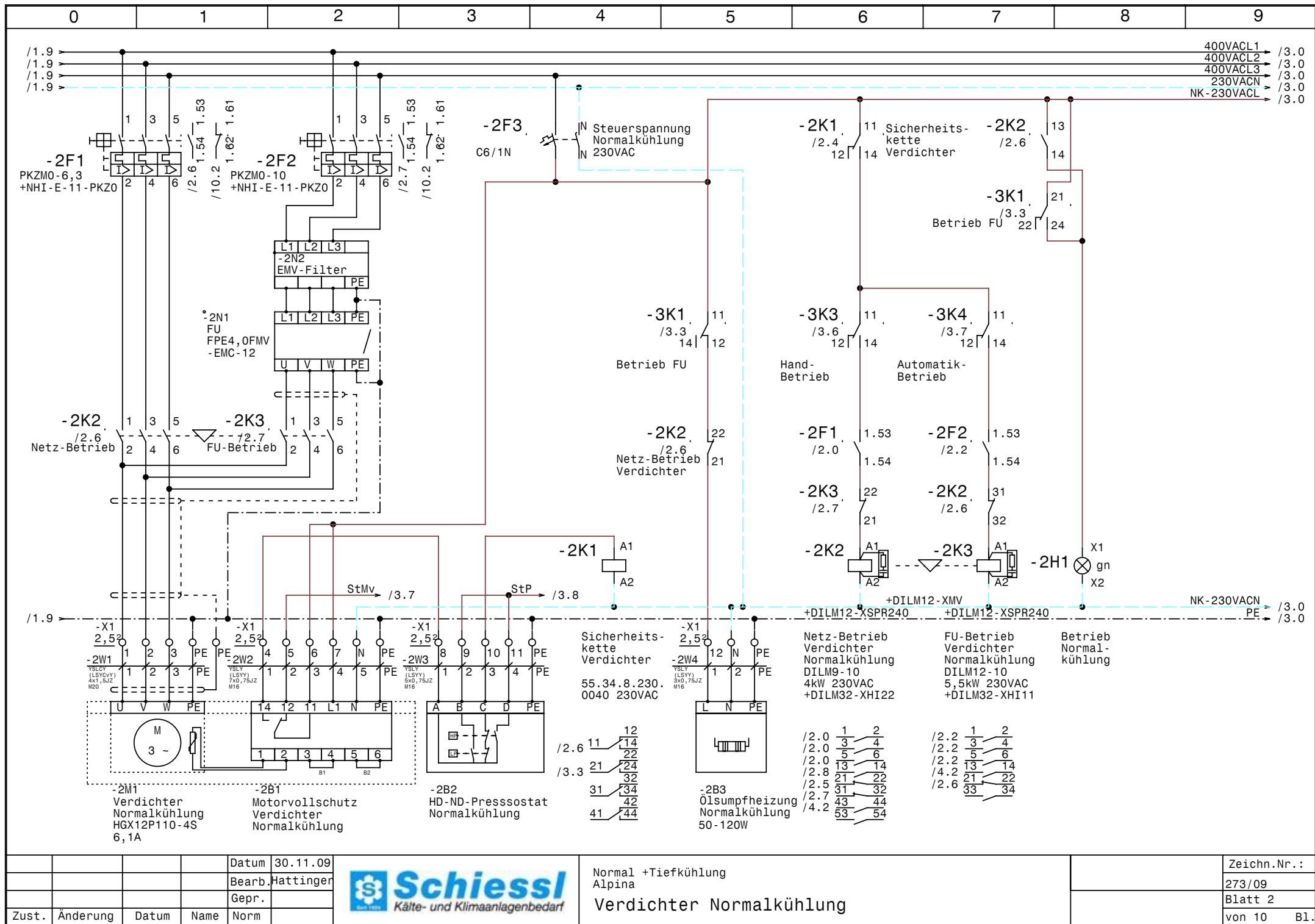
273/09

Blatt 0

von 10

B1.



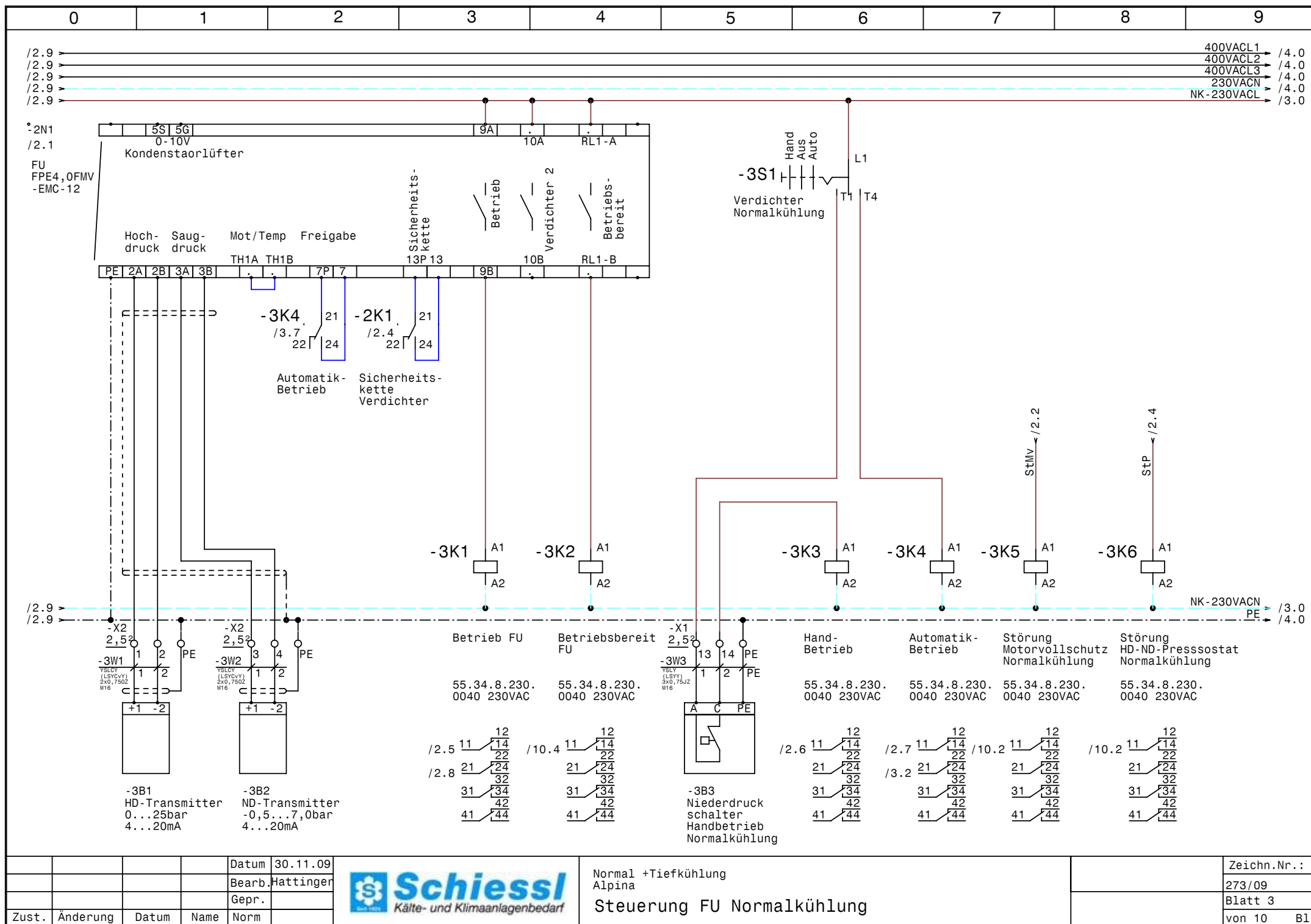


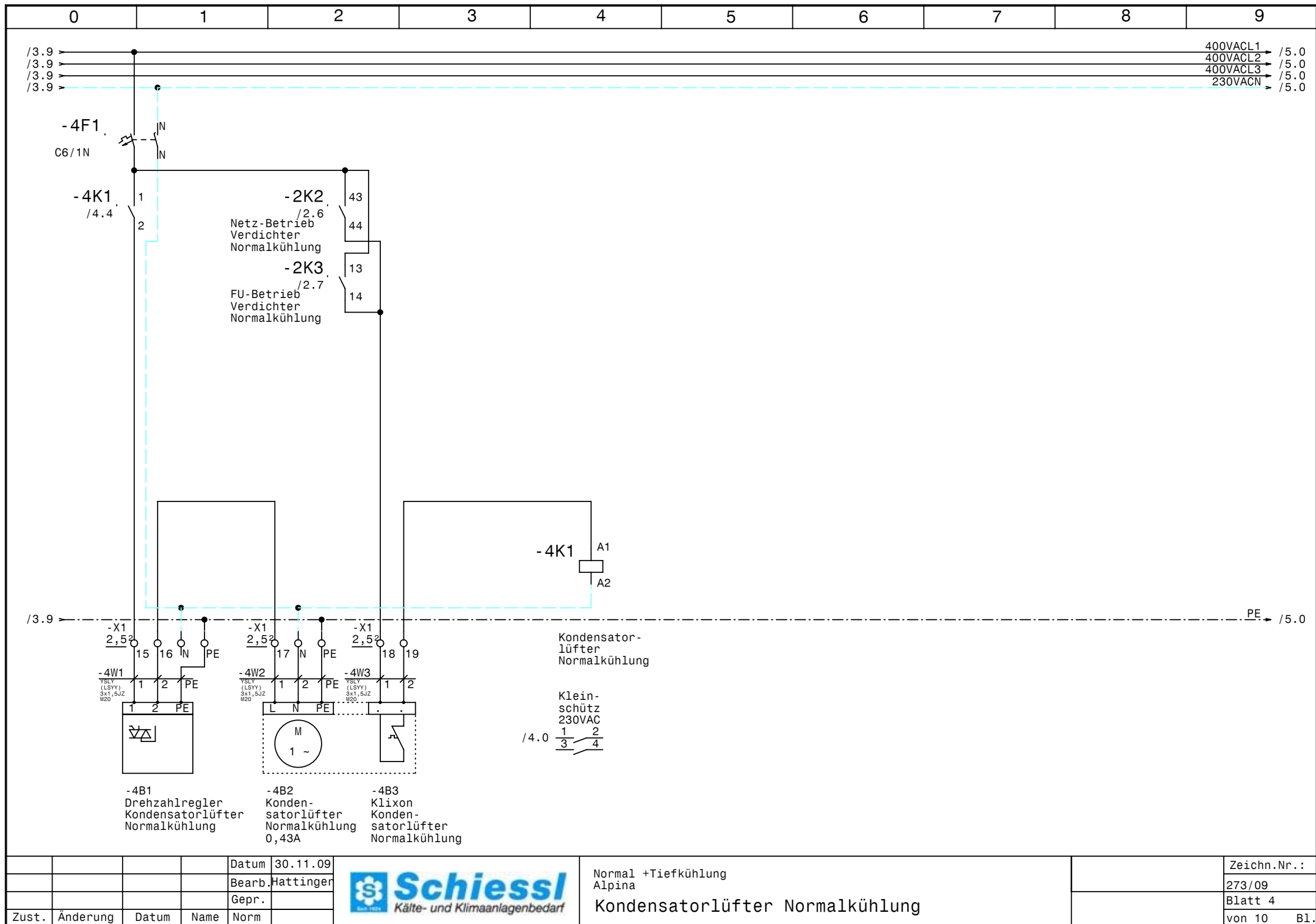
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|-------|----------|-------|--------|-----------|
|       |          |       | Datum  | 30.11.09  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |

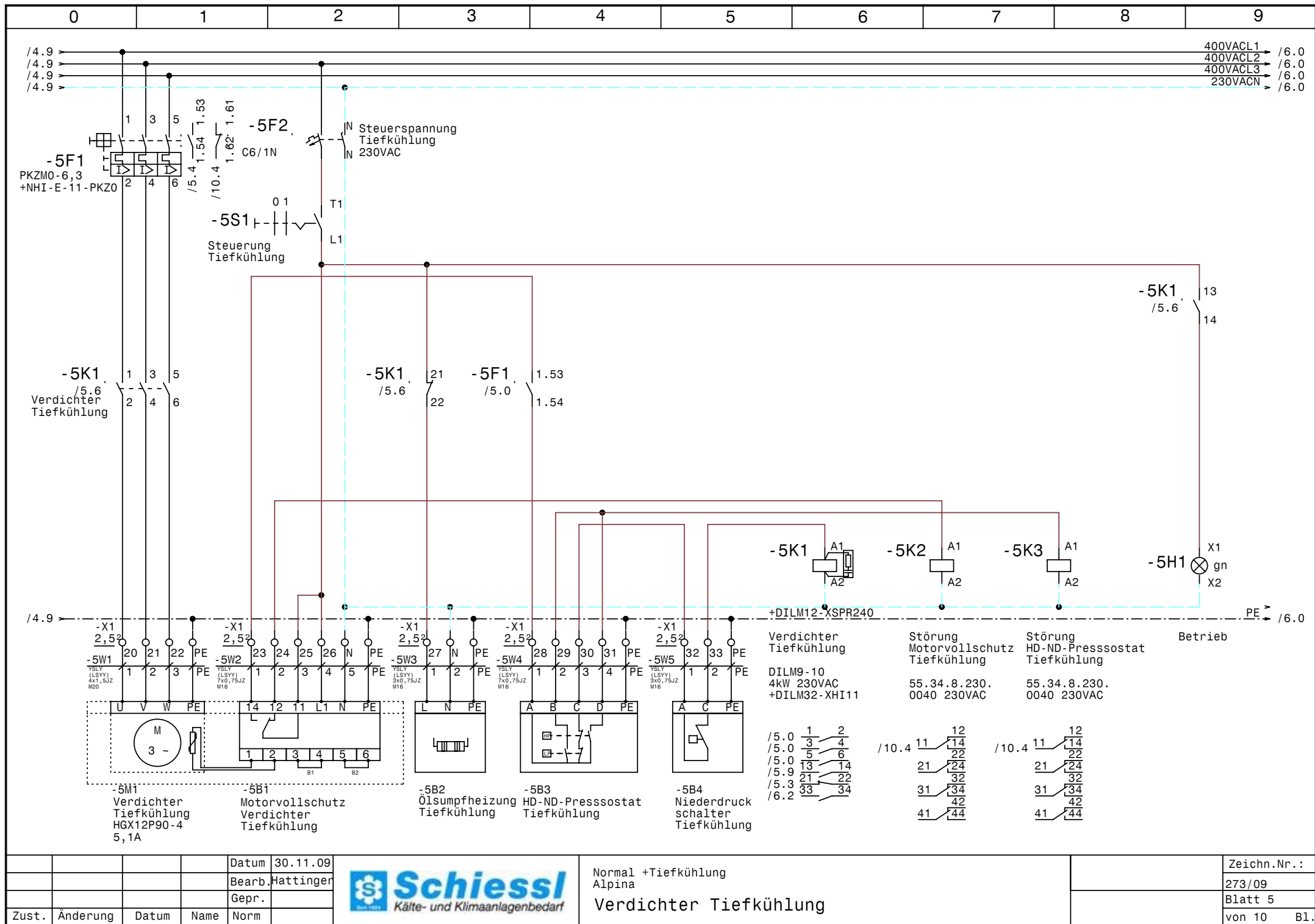


Normal +Tiefkühlung  
Alpina  
Verdichter Normalkühlung

|             |        |
|-------------|--------|
| Zeichn.Nr.: | 273/09 |
| Blatt 2     | von 10 |
|             | B1.    |





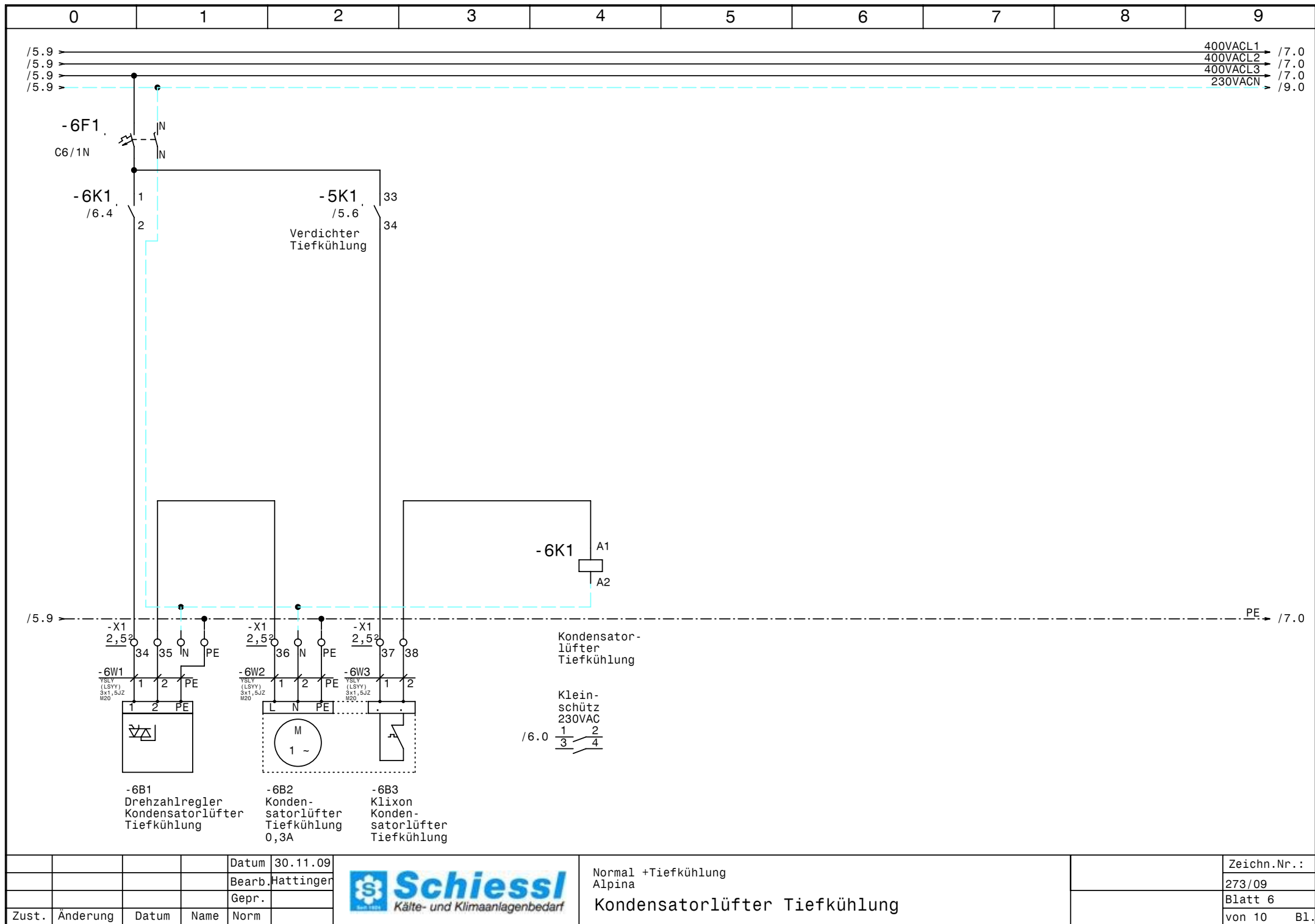


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|       |          |       |      | Datum  | 30.11.09  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



Normal +Tiefkühlung  
Alpina  
Verdichter Tiefkühlung

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|       |          |       |      |        |           |
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|       |          |       |      | Datum  | 30.11.09  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



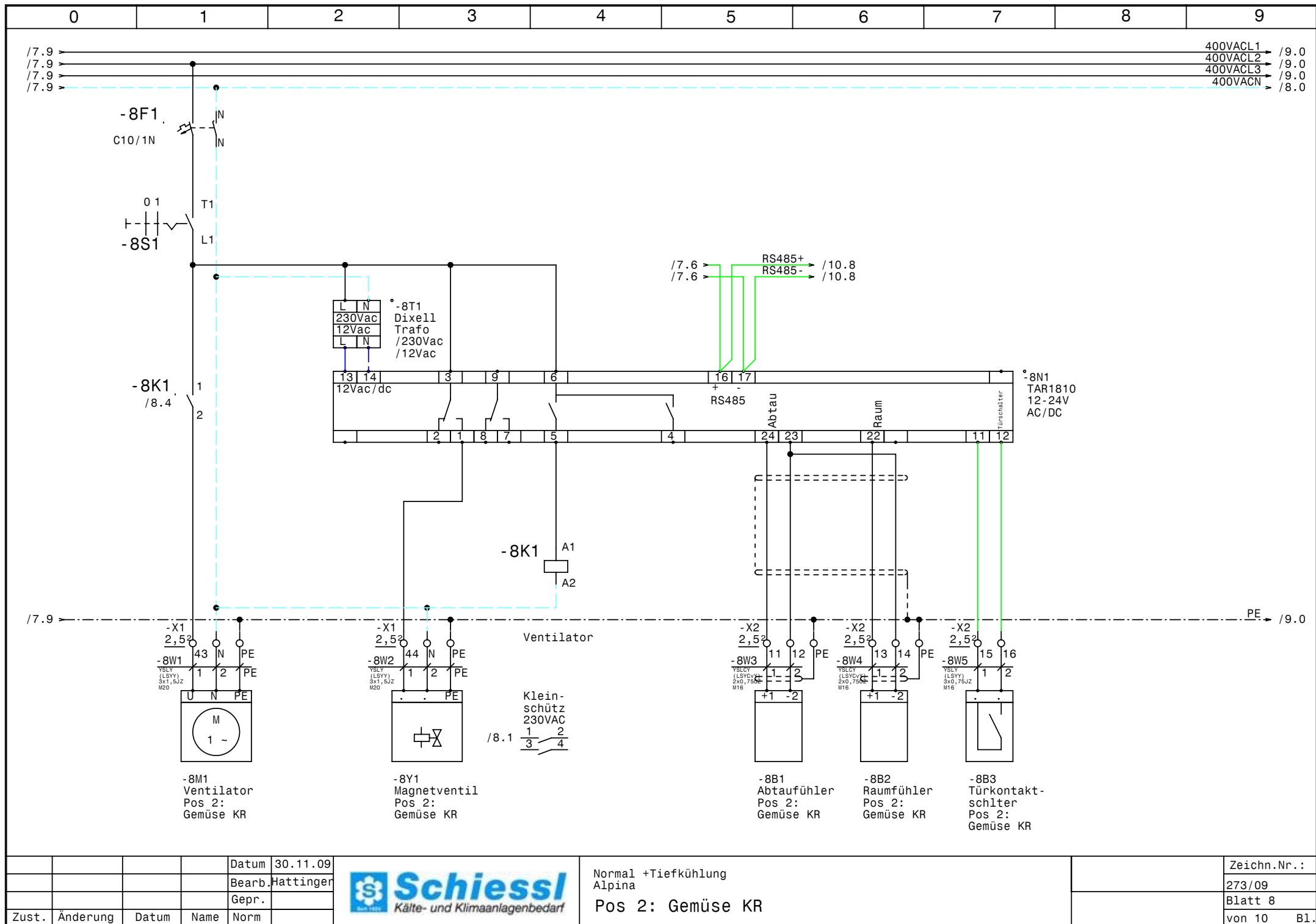
Normal +Tiefkühlung  
Alpina

Kondensatorlüfter Tiefkühlung

|             |            |
|-------------|------------|
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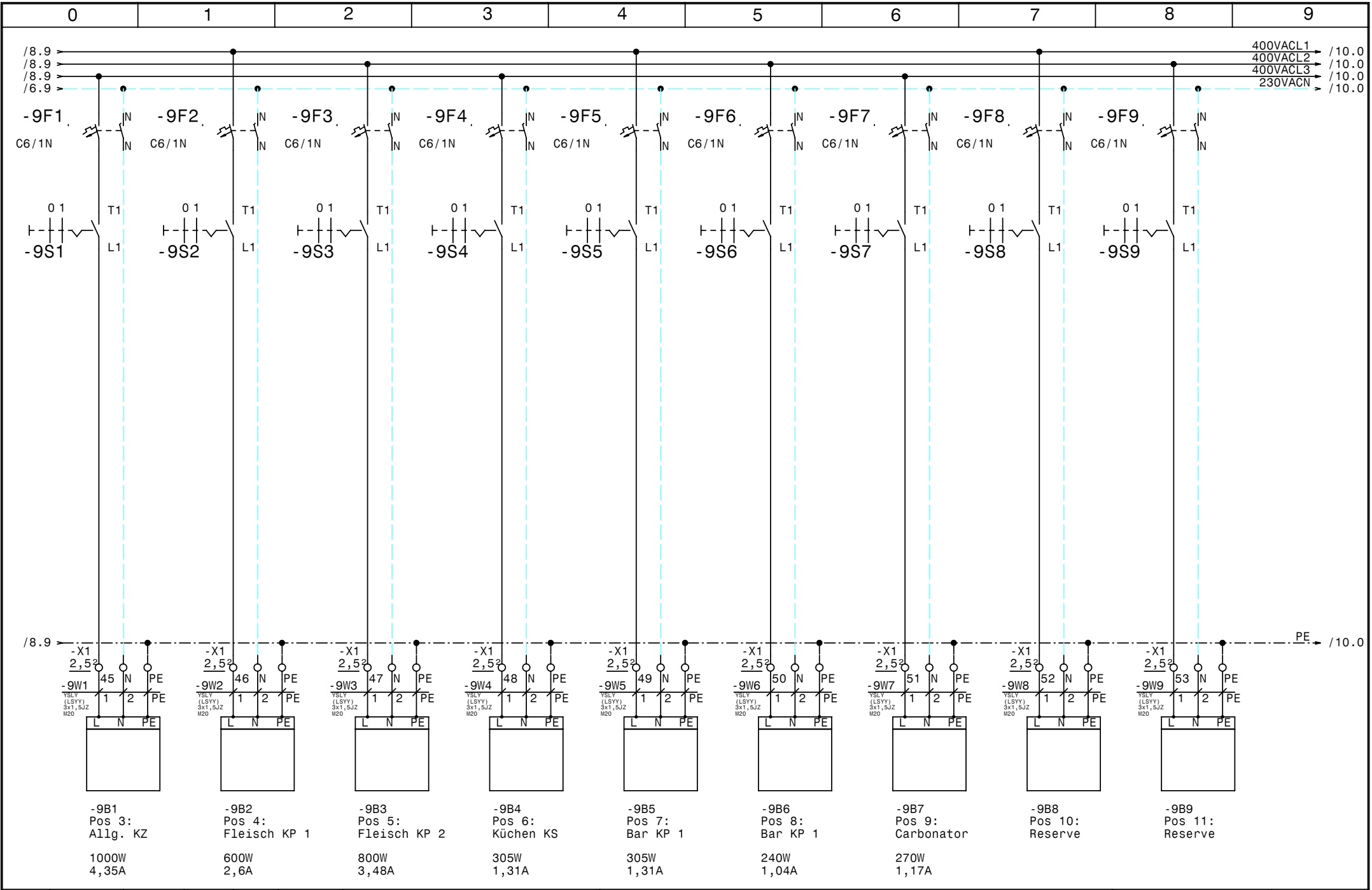


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|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



Normal +Tiefkühlung  
Alpina  
Pos 2: Gemüse KR

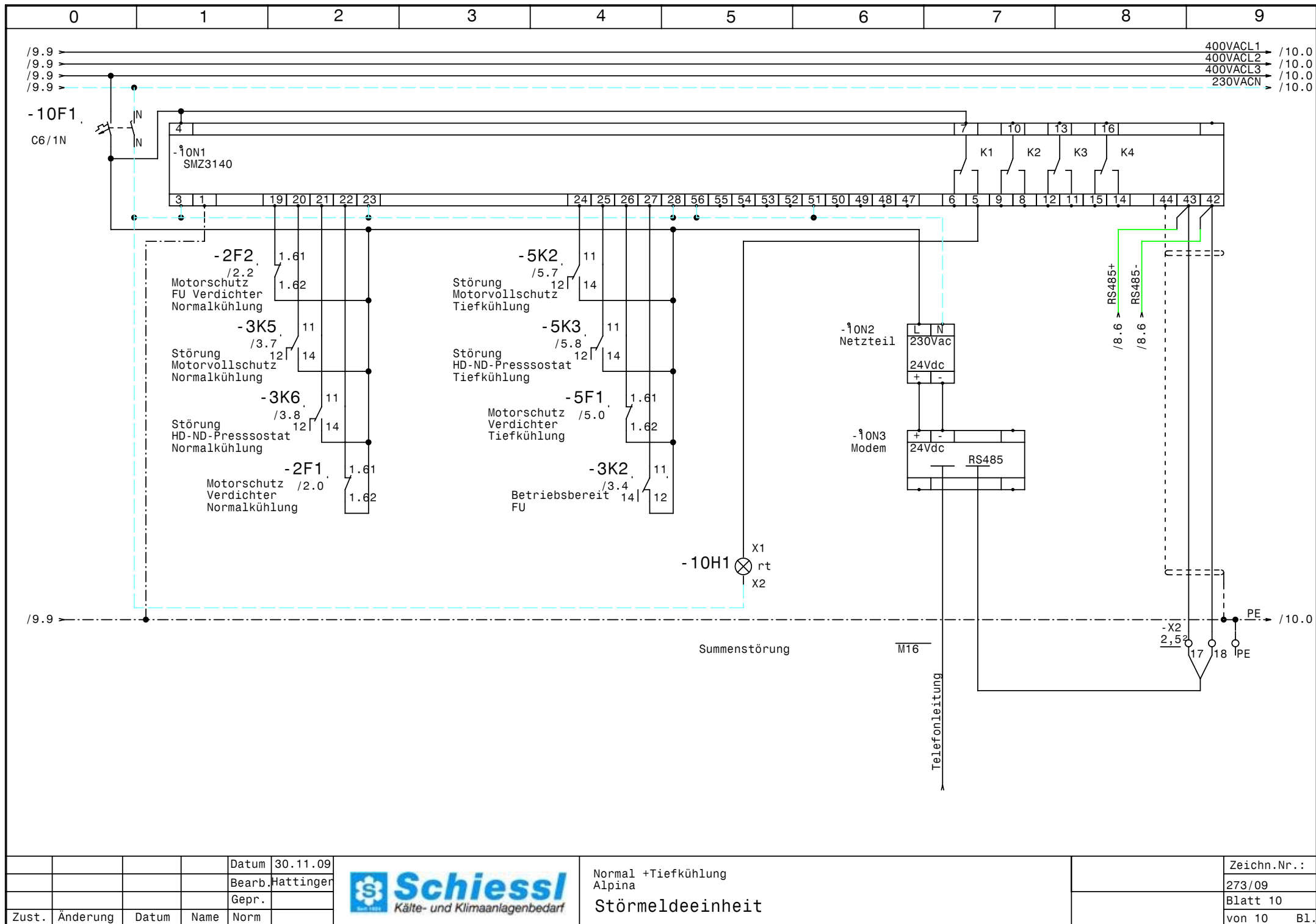
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|-------|----------|-------|------|--------|-----------|--|--|-------------|
|       |          |       |      | Datum  | 30.11.09  |  |  | Zeichn.Nr.: |
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| Zust. | Änderung | Datum | Name | Norm   |           |  |  | von 10 Bl.  |



Normal +Tiefkühlung  
Alpina  
Abgänge Kühlstellen



|       |          |       |        |           |
|-------|----------|-------|--------|-----------|
|       |          |       | Datum  | 30.11.09  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



Normal +Tiefkühlung  
Alpina  
Störmeldeeinheit

|             |     |
|-------------|-----|
| Zeichn.Nr.: |     |
| 273/09      |     |
| Blatt 10    |     |
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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) 5x0,75JZ M16    |   | 5               |   | 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   | -4B1      |   |  |   | -4W1                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Drehzahlregler Kondensatorlüfter Normalkühlung |   |  |   |  |   |  |   |  |
| 10  | -4B2      |   |  |   | -4W2                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Kondensatorlüfter Normalkühlung                |   |  |   |  |   |  |   |  |
| 11  | -4B3      |   |  |   | -4W3                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 2               |   | Klixon Kondensatorlüfter Normalkühlung         |   |  |   |  |   |  |   |  |
| 12  | -5M1      |   |  |   | -5W1                     |   | YSLY (LSYY) 4x1,5JZ M20     |   | 4               |   | Verdichter Tiefkühlung                         |   |  |   |  |   |  |   |  |
| 13  | -5B1      |   |  |   | -5W2                     |   | YSLY (LSYY) 7x0,75JZ M16    |   | 6               |   | Motorvollschutz Verdichter Tiefkühlung         |   |  |   |  |   |  |   |  |
| 14  | -5B2      |   |  |   | -5W3                     |   | YSLY (LSYY) 3x0,75JZ M16    |   | 3               |   | Ölsumpfheizung Tiefkühlung                     |   |  |   |  |   |  |   |  |
| 15  | -5B3      |   |  |   | -5W4                     |   | YSLY (LSYY) 7x0,75JZ M16    |   | 5               |   | HD-ND-Presssostat Tiefkühlung                  |   |  |   |  |   |  |   |  |
| 16  | -5B4      |   |  |   | -5W5                     |   | YSLY (LSYY) 3x0,75JZ M16    |   | 3               |   | Niederdruck schalter Tiefkühlung               |   |  |   |  |   |  |   |  |
| 17  | -6B1      |   |  |   | -6W1                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Drehzahlregler Kondensatorlüfter Tiefkühlung   |   |  |   |  |   |  |   |  |
| 18  | -6B2      |   |  |   | -6W2                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Kondensatorlüfter Tiefkühlung                  |   |  |   |  |   |  |   |  |
| 19  | -6B3      |   |  |   | -6W3                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 2               |   | Klixon Kondensatorlüfter Tiefkühlung           |   |  |   |  |   |  |   |  |
| 20  | -7B1      |   |  |   | -7W1                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Türrahmenheizung Pos 1: TK-Raum                |   |  |   |  |   |  |   |  |
| 21  | -7M1      |   |  |   | -7W2                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Ventilator Pos 1: TK-Raum                      |   |  |   |  |   |  |   |  |
| 22  | -7B2      |   |  |   | -7W3                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Abtauheizung Pos 1: TK-Raum                    |   |  |   |  |   |  |   |  |
| 23  | -7Y1      |   |  |   | -7W4                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Magnetventil Pos 1: TK-Raum                    |   |  |   |  |   |  |   |  |
| 24  | -7B3      |   |  |   | -7W5                     |   | YSLCY (LSYCvY) 2x0,750Z M16 |   | 2               |   | Abtaufühler Pos 1: TK-Raum                     |   |  |   |  |   |  |   |  |
| 25  | -7B4      |   |  |   | -7W6                     |   | YSLCY (LSYCvY) 2x0,750Z M16 |   | 2               |   | Raumfühler Pos 1: TK-Raum                      |   |  |   |  |   |  |   |  |
| 26  | -7B5      |   |  |   | -7W7                     |   | YSLY (LSYY) 3x0,75JZ M16    |   | 2               |   | Türkontaktschalter Pos 1: TK-Raum              |   |  |   |  |   |  |   |  |
| 27  | -8M1      |   |  |   | -8W1                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Ventilator Pos 2: Gemüse KR                    |   |  |   |  |   |  |   |  |
| 28  | -8Y1      |   |  |   | -8W2                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Magnetventil Pos 2: Gemüse KR                  |   |  |   |  |   |  |   |  |
| 29  | -8B1      |   |  |   | -8W3                     |   | YSLCY (LSYCvY) 2x0,750Z M16 |   | 2               |   | Abtaufühler Pos 2: Gemüse KR                   |   |  |   |  |   |  |   |  |
| 30  | -8B2      |   |  |   | -8W4                     |   | YSLCY (LSYCvY) 2x0,750Z M16 |   | 2               |   | Raumfühler Pos 2: Gemüse KR                    |   |  |   |  |   |  |   |  |
| 31  | -8B3      |   |  |   | -8W5                     |   | YSLY (LSYY) 3x0,75JZ M16    |   | 2               |   | Türkontaktschalter Pos 2: Gemüse KR            |   |  |   |  |   |  |   |  |
| 32  | -9B1      |   |  |   | -9W1                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 3: Allg. KZ                                |   |  |   |  |   |  |   |  |
| 33  | -9B2      |   |  |   | -9W2                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 4: Fleisch KP 1                            |   |  |   |  |   |  |   |  |
| 34  | -9B3      |   |  |   | -9W3                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 5: Fleisch KP 2                            |   |  |   |  |   |  |   |  |
| 35  | -9B4      |   |  |   | -9W4                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 6: Küchen KS                               |   |  |   |  |   |  |   |  |
| 36  | -9B5      |   |  |   | -9W5                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 7: Bar KP 1                                |   |  |   |  |   |  |   |  |
| 37  | -9B6      |   |  |   | -9W6                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 8: Bar KP 1                                |   |  |   |  |   |  |   |  |
| 38  | -9B7      |   |  |   | -9W7                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 9: Carbonator                              |   |  |   |  |   |  |   |  |
| 39  | -9B8      |   |  |   | -9W8                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 10: Reserve                                |   |  |   |  |   |  |   |  |
| 40  | -9B9      |   |  |   | -9W9                     |   | YSLY (LSYY) 3x1,5JZ M20     |   | 3               |   | Pos 11: Reserve                                |   |  |   |  |   |  |   |  |

|       |          |       |      |        |           |                                                                                     |                                             |  |             |
|-------|----------|-------|------|--------|-----------|-------------------------------------------------------------------------------------|---------------------------------------------|--|-------------|
|       |          |       |      | Datum  | 30.11.09  |  | Normal +Tiefkühlung<br>Alpina<br>Kabelliste |  | Zeichn.Nr.: |
|       |          |       |      | Bearb. | Hattinger |                                                                                     |                                             |  | 273/09      |
|       |          |       |      | Gepr.  |           |                                                                                     |                                             |  | Blatt 1     |
| Zust. | Änderung | Datum | Name | Norm   |           |                                                                                     |                                             |  | von 2       |

| 0             |                           | 1     |        | 2            |          | 3                                                                                                                                    |  | 4 |  | 5 |                                                    | 6 |  | 7 |  | 8         |  | 9 |  |  |             |  |
|---------------|---------------------------|-------|--------|--------------|----------|--------------------------------------------------------------------------------------------------------------------------------------|--|---|--|---|----------------------------------------------------|---|--|---|--|-----------|--|---|--|--|-------------|--|
| Stück<br>Zahl | Artikel<br>Bezeichnung    |       |        |              |          | Artikel<br>Beschreibung                                                                                                              |  |   |  |   | Artikel<br>Bezüge                                  |   |  |   |  |           |  |   |  |  |             |  |
| 1             | LSFI C13/0,03 G           |       |        |              |          | Personenschutzschalter                                                                                                               |  |   |  |   | - 1F1                                              |   |  |   |  |           |  |   |  |  |             |  |
| 1             | PKZMO-10                  |       |        |              |          | Motorschutzschalter                                                                                                                  |  |   |  |   | - 2F2                                              |   |  |   |  |           |  |   |  |  |             |  |
| 2             | PKZMO-6,3                 |       |        |              |          | Motorschutzschalter                                                                                                                  |  |   |  |   | - 5F1, - 2F1                                       |   |  |   |  |           |  |   |  |  |             |  |
| 3             | NHI-E-11-PKZO             |       |        |              |          | Normalhilfsschalter                                                                                                                  |  |   |  |   |                                                    |   |  |   |  |           |  |   |  |  |             |  |
| 15            | C6/1N                     |       |        |              |          | Sicherungsautomaten                                                                                                                  |  |   |  |   | - 6F1, - 2F3, - 9F7, - 9F8, - 9F9, - 5F2           |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                      |  |   |  |   | - 10F1, - 9F3, - 9F4, - 9F6, - 9F2, - 4F1          |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                      |  |   |  |   | - 9F5, - 9F1, - 1F2                                |   |  |   |  |           |  |   |  |  |             |  |
| 2             | C10/1N                    |       |        |              |          | Sicherungsautomaten                                                                                                                  |  |   |  |   | - 7F1, - 8F1                                       |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Schrank- leuchte                                                                                                                     |  |   |  |   | - 1H1                                              |   |  |   |  |           |  |   |  |  |             |  |
| 2             | Signalleuchte grün        |       |        |              |          | Signalglimmlampe grün                                                                                                                |  |   |  |   | - 5H1, - 2H1                                       |   |  |   |  |           |  |   |  |  |             |  |
| 1             | Signalleuchte rot         |       |        |              |          | Signalglimmlampe rot                                                                                                                 |  |   |  |   | - 10H1                                             |   |  |   |  |           |  |   |  |  |             |  |
| 1             | DILM32-XHI22              |       |        |              |          | Hilfsschalterbaustein                                                                                                                |  |   |  |   |                                                    |   |  |   |  |           |  |   |  |  |             |  |
| 1             | DILM12-10(230V50HZ)       |       |        |              |          | Schütz                                                                                                                               |  |   |  |   | - 2K3                                              |   |  |   |  |           |  |   |  |  |             |  |
| 2             | DILM32-XHI11              |       |        |              |          | Hilfsschalterbaustein                                                                                                                |  |   |  |   |                                                    |   |  |   |  |           |  |   |  |  |             |  |
| 9             | 55.34.8.230.0040          |       |        |              |          | Finder - Relais Type 55 4polig                                                                                                       |  |   |  |   | - 3K6, - 5K3, - 3K5, - 3K4, - 3K1, - 3K2           |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                      |  |   |  |   | - 3K3, - 2K1, - 5K2                                |   |  |   |  |           |  |   |  |  |             |  |
| 2             | DILM9-10(230V50HZ)        |       |        |              |          | Schütz                                                                                                                               |  |   |  |   | - 5K1, - 2K2                                       |   |  |   |  |           |  |   |  |  |             |  |
| 9             | 94.04                     |       |        |              |          | Fassung für Finder Relais 4polig                                                                                                     |  |   |  |   |                                                    |   |  |   |  |           |  |   |  |  |             |  |
| 5             | BZ 326 437 /230VAC /2S    |       |        |              |          | Kleinschütz für Wärmespeicher                                                                                                        |  |   |  |   | - 6K1, - 8K1, - 4K1, - 7K1, - 7K2                  |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Schaltschrankventilator                                                                                                              |  |   |  |   | - 1M1                                              |   |  |   |  |           |  |   |  |  |             |  |
| 1             | WS 8830 B=800 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                                                                                                                        |  |   |  |   | - 2N5, - 5N1, - 2N3                                |   |  |   |  |           |  |   |  |  |             |  |
| 2             |                           |       |        |              |          | TAR1810 12-24V AC/DC                                                                                                                 |  |   |  |   | - 8N1, - 7N1                                       |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | SMZ3140                                                                                                                              |  |   |  |   | - 10N1                                             |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Netzteil                                                                                                                             |  |   |  |   | - 10N2                                             |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Modem                                                                                                                                |  |   |  |   | - 10N3                                             |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Thermostat                                                                                                                           |  |   |  |   | - 1P1                                              |   |  |   |  |           |  |   |  |  |             |  |
| 1             | LTS63 EHN1 A3             |       |        |              |          | Hauptschalter                                                                                                                        |  |   |  |   | - 1Q1                                              |   |  |   |  |           |  |   |  |  |             |  |
| 1             | M10HEU1                   |       |        |              |          | Umschalter 1pol. 1-0-2                                                                                                               |  |   |  |   | - 3S1                                              |   |  |   |  |           |  |   |  |  |             |  |
| 12            | M10HEA1                   |       |        |              |          | Ausschalter 1pol. 0-1                                                                                                                |  |   |  |   | - 9S9, - 9S6, - 9S8, - 9S7, - 9S1, - 9S4           |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        | Datum        | 30.11.09 |  <b>Schiessl</b><br>Kälte- und Klimaanlagenbedarf |  |   |  |   | Normal +Tiefkühlung<br>Alpina<br><br>Materialliste |   |  |   |  |           |  |   |  |  | Zeichn.Nr.: |  |
|               |                           |       | Bearb. | Hattinger F. | 273/09   |                                                                                                                                      |  |   |  |   |                                                    |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       | Gepr.  |              | Blatt 1  |                                                                                                                                      |  |   |  |   |                                                    |   |  |   |  |           |  |   |  |  |             |  |
| Zust.         | Änderung                  | Datum | Name   | Norm         |          |                                                                                                                                      |  |   |  |   |                                                    |   |  |   |  | von 2 Bl. |  |   |  |  |             |  |

| 0             |  | 1                      |  | 2 |  | 3                           |  | 4 |  | 5 |  | 6                                   |  | 7 |  | 8 |  | 9 |  |
|---------------|--|------------------------|--|---|--|-----------------------------|--|---|--|---|--|-------------------------------------|--|---|--|---|--|---|--|
| Stück<br>Zahl |  | Artikel<br>Bezeichnung |  |   |  | Artikel<br>Beschreibung     |  |   |  |   |  | Artikel<br>Bezüge                   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  | -5S1, -9S3, -9S5, -8S1, -9S2, -7S1  |  |   |  |   |  |   |  |
| 2             |  |                        |  |   |  | Dixell Trafo /230Vac /12Vac |  |   |  |   |  | -8T1, -7T1                          |  |   |  |   |  |   |  |
| 1             |  | M25                    |  |   |  | Kabelverschraubung          |  |   |  |   |  | -1W1                                |  |   |  |   |  |   |  |
| 23            |  | M20                    |  |   |  | Kabelverschraubung          |  |   |  |   |  | -2W1, -9W9, -9W5, -9W4, -9W3, -9W2  |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  | -9W1, -8W2, -8W1, -7W4, -7W3, -7W2  |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  | -7W1, -6W3, -4W3, -6W2, -9W8, -9W6  |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  | -4W1, -9W7, -6W1, -5W1, -4W2        |  |   |  |   |  |   |  |
| 17            |  | M16                    |  |   |  | Kabelverschraubung          |  |   |  |   |  | -7W6, -8W5, -3W1, -10V1, -8W4, -5W5 |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  | -3W3, -3W2, -2W4, -2W3, -7W7, -7W5  |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  | -2W2, -5W4, -5W3, -5W2, -8W3        |  |   |  |   |  |   |  |
| 1             |  | Klemme 6 blau          |  |   |  | Klemme N                    |  |   |  |   |  | -X1                                 |  |   |  |   |  |   |  |
| 3             |  | Klemme 6 grau          |  |   |  | Klemme L                    |  |   |  |   |  | -X1                                 |  |   |  |   |  |   |  |
| 1             |  | EK 6 ge/gr             |  |   |  | Erdungsklemme               |  |   |  |   |  | -X1                                 |  |   |  |   |  |   |  |
| 37            |  | EK 2,5 ge/gr           |  |   |  | Erdungsklemme               |  |   |  |   |  | -X1, -X1, -X2                       |  |   |  |   |  |   |  |
| 23            |  | Klemme 2,5 blau        |  |   |  | Klemme N                    |  |   |  |   |  | -X1, -X1                            |  |   |  |   |  |   |  |
| 71            |  | Klemme 2,5 grau        |  |   |  | Klemme L                    |  |   |  |   |  | -X2, -X1, -X1                       |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
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|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
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|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
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|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
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|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
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|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
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|               |  |                        |  |   |  |                             |  |   |  |   |  |                                     |  |   |  |   |  |   |  |
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