

Anlage:

Normalkühlung

Maribel

Maríel

Firma: Radel & Hahn

Radel &amp; Hahn

| SCHALTSCHRANKAUSFÜHRUNG | VERDRAHTUNGSFARBEN |
|-------------------------|--------------------|
|-------------------------|--------------------|

|                                                                                                                                          |                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCHALTSCHRANKGRÖSSE:<br>SOCKEL:<br>LACKIERUNG:<br>SCHUTZART:<br>SCHUTZMASSNAHME:<br>BLINDSCHALTBILD:<br>KABELEINFÜHRUNG:<br>TÜRANSCHLAG: | <ul style="list-style-type: none"> <li>600x600x250 (BxHxT)</li> <li>- (H)</li> <li>RAL 7035</li> <li>IP54</li> <li>lt. EVU</li> <li>nein (BxH)</li> <li>unten</li> <li>links</li> </ul> |
|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                           |     |  |                |
|---------------------------|-----|--|----------------|
| 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      |
| MESSELEITUNGEN, 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 Aufnahme Strom der Motoren einstellen! Vor der Inbetriebnahme der Anlage sind sämtliche Schraub-, Klemm- und Steckverbindungen auf festen Sitz zu prüfen und gegebenenfalls nachzuziehen!

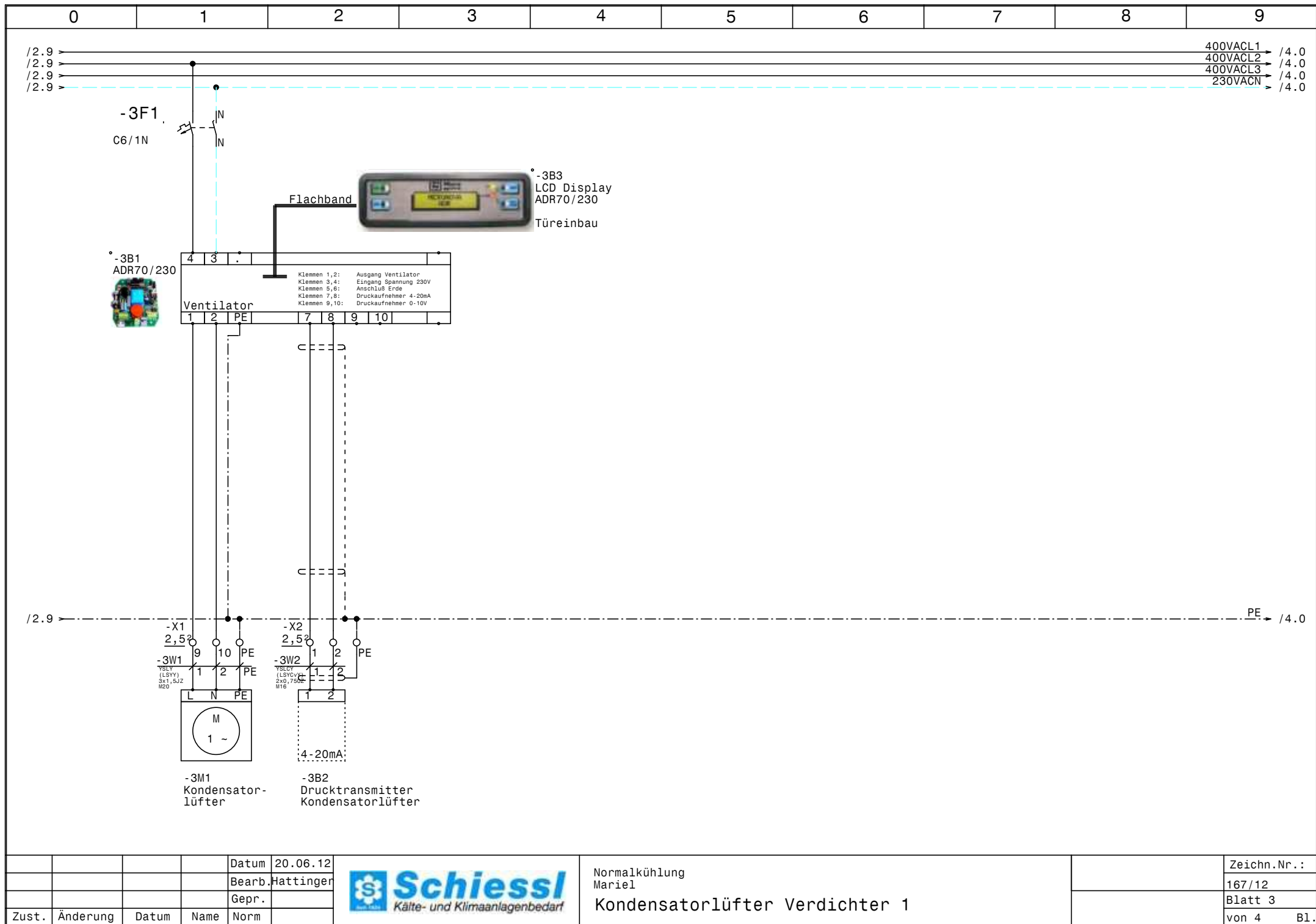
# Blattverzeichnis

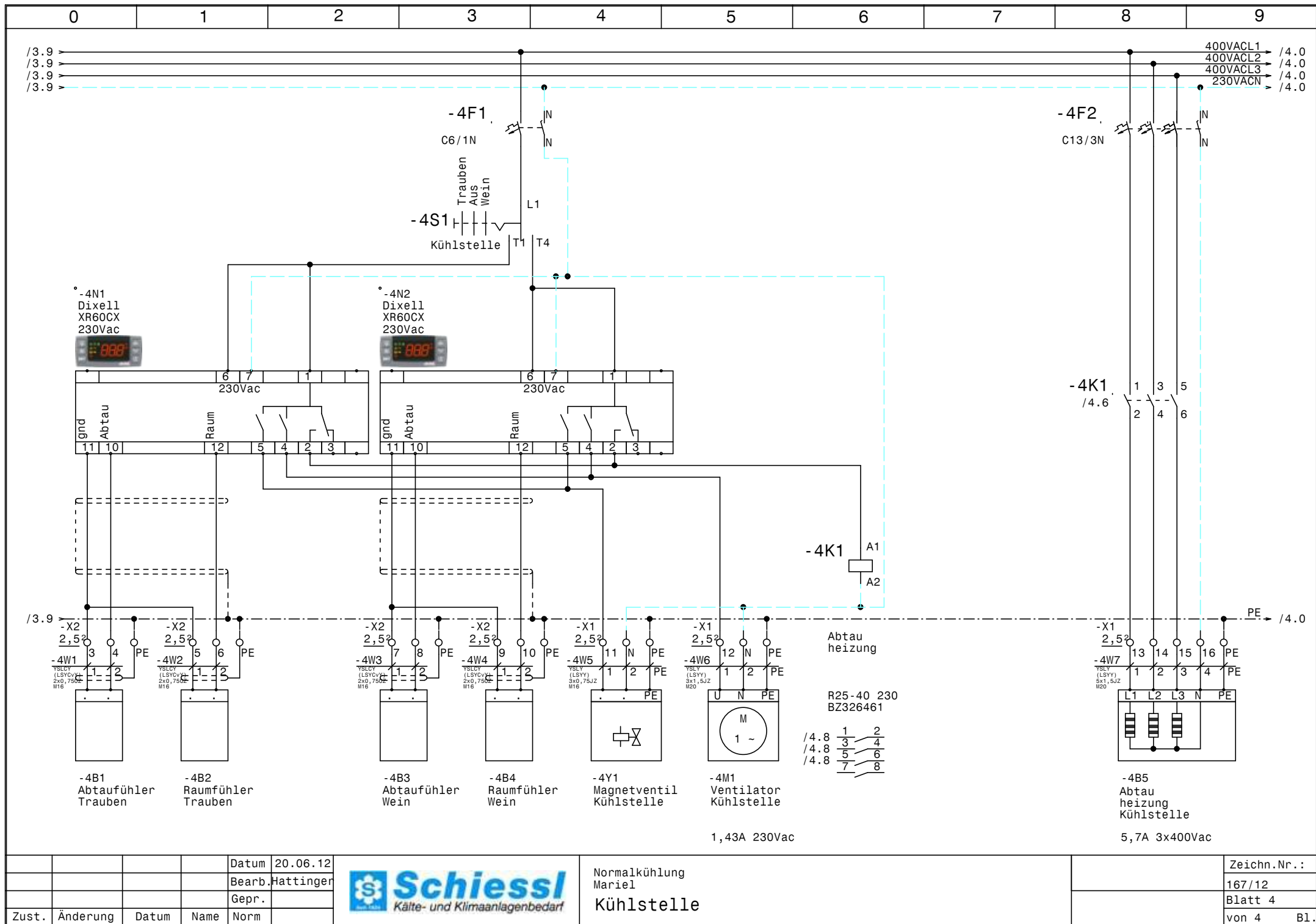
|     |              |     |                                |     |            |
|-----|--------------|-----|--------------------------------|-----|------------|
| 000 | Deckblatt    | 002 | Verdichter 1                   | 004 | Kühlstelle |
| 001 | Netzanschluß | 003 | Kondensatorlüfter Verdichter 1 |     |            |

|       |          |       |      |        |           |                                                                                                                             |  |             |
|-------|----------|-------|------|--------|-----------|-----------------------------------------------------------------------------------------------------------------------------|--|-------------|
|       |          |       |      | Datum  | 20.06.12  | <br>Normalkühlung<br>Mariel<br>Deckblatt |  | Zeichn.Nr.: |
|       |          |       |      | Bearb. | Hattinger |                                                                                                                             |  | 167/12      |
|       |          |       |      | Gepr.  |           |                                                                                                                             |  | Blatt 0     |
| Zust. | Änderung | Datum | Name | Norm   |           |                                                                                                                             |  | von 4 Bl.   |









|       |          |       |      |        |           |
|-------|----------|-------|------|--------|-----------|
|       |          |       |      | Datum  | 20.06.12  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



Normalkühlung  
Mariel  
Kühlstelle

|             |        |
|-------------|--------|
| Zeichn.Nr.: | 167/12 |
| Blatt 4     | von 4  |
|             | 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) 5x6JZ M25       |   |  |   | 5               |   | Netzeinspeisung 3 x 400V AC N PE   |   |  |   |  |  |
| 2   | -2M1      |   |  |   | -2W1                     |   |  |   | YSLY (LSYY) 4x2,5JZ M20     |   |  |   | 4               |   | Verdichter 1                       |   |  |   |  |  |
| 3   | -2B1      |   |  |   | -2W2                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               |   | Ölsumpfheizung Verdichter 1        |   |  |   |  |  |
| 4   | -2B2      |   |  |   | -2W3                     |   |  |   | YSLY (LSYY) 7x0,75JZ M16    |   |  |   | 5               |   | HD-ND-Presssostat Verdichter 1     |   |  |   |  |  |
| 5   | -3M1      |   |  |   | -3W1                     |   |  |   | YSLY (LSYY) 3x1,5JZ M20     |   |  |   | 3               |   | Kondensatorlüfter                  |   |  |   |  |  |
| 6   | -3B2      |   |  |   | -3W2                     |   |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  |   | 2               |   | Drucktransmitter Kondensatorlüfter |   |  |   |  |  |
| 7   | -4B1      |   |  |   | -4W1                     |   |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  |   | 2               |   | Abtaufühler Trauben                |   |  |   |  |  |
| 8   | -4B2      |   |  |   | -4W2                     |   |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  |   | 2               |   | Raumfühler Trauben                 |   |  |   |  |  |
| 9   | -4B3      |   |  |   | -4W3                     |   |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  |   | 2               |   | Abtaufühler Wein                   |   |  |   |  |  |
| 10  | -4B4      |   |  |   | -4W4                     |   |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  |   | 2               |   | Raumfühler Wein                    |   |  |   |  |  |
| 11  | -4Y1      |   |  |   | -4W5                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               |   | Magnetventil Kühlstelle            |   |  |   |  |  |
| 12  | -4M1      |   |  |   | -4W6                     |   |  |   | YSLY (LSYY) 3x1,5JZ M20     |   |  |   | 3               |   | Ventilator Kühlstelle              |   |  |   |  |  |
| 13  | -4B5      |   |  |   | -4W7                     |   |  |   | YSLY (LSYY) 5x1,5JZ M20     |   |  |   | 5               |   | Abtau heizung Kühlstelle           |   |  |   |  |  |
|     |           |   |  |   |                          |   |  |   |                             |   |  |   |                 |   |                                    |   |  |   |  |  |
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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             |  |                           |  |   |  | ADR70/230                     |  |   |  | -3B1                               |  |   |  |   |  |   |  |   |  |
| 1             |  |                           |  |   |  | LCD Display ADR70/230         |  |   |  | -3B3                               |  |   |  |   |  |   |  |   |  |
| 1             |  | PKZMO-20                  |  |   |  | Motorschuttschalter           |  |   |  | -2F1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | NHI-E-11-PKZO             |  |   |  | Normalhilfsschalter           |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
| 3             |  | C6/1N                     |  |   |  | Sicherungsautomaten           |  |   |  | -2F2, -3F1, -4F1                   |  |   |  |   |  |   |  |   |  |
| 1             |  | C13/3N                    |  |   |  | Sicherungsautomaten           |  |   |  | -4F2                               |  |   |  |   |  |   |  |   |  |
| 1             |  | Signalleuchte grün        |  |   |  | Signalglimmlampe grün         |  |   |  | -2H1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | Signalleuchte rot         |  |   |  | Signalglimmlampe rot          |  |   |  | -2H2                               |  |   |  |   |  |   |  |   |  |
| 1             |  | DILM25-10(230V50HZ)       |  |   |  | Schütz                        |  |   |  | -2K1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | DILM32-XHI11              |  |   |  | Hilfsschalterbaustein         |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
| 1             |  | R25-40_230                |  |   |  | Kleinschütz für Wärmespeicher |  |   |  | -4K1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | WS 6625 B=600 H=600 T=250 |  |   |  | Wandschrank IP 55             |  |   |  | -0N1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | DILM12-XSPR240            |  |   |  | RC-Löschglied                 |  |   |  | -2N1                               |  |   |  |   |  |   |  |   |  |
| 2             |  |                           |  |   |  | Dixell XR60CX 230Vac          |  |   |  | -4N1, -4N2                         |  |   |  |   |  |   |  |   |  |
| 1             |  | LTS63 EHN1 A3             |  |   |  | Hauptschalter                 |  |   |  | -1Q1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | M10HEA1                   |  |   |  | Ausschalter 1pol. 0-1         |  |   |  | -2S1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | M10HEU1                   |  |   |  | Umschalter 1pol. 1-0-2        |  |   |  | -4S1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | M25                       |  |   |  | Kabelverschraubung            |  |   |  | -1W1                               |  |   |  |   |  |   |  |   |  |
| 8             |  | M16                       |  |   |  | Kabelverschraubung            |  |   |  | -3W2, -4W5, -4W4, -4W1, -4W3, -2W3 |  |   |  |   |  |   |  |   |  |
|               |  |                           |  |   |  |                               |  |   |  | -4W2, -2W2                         |  |   |  |   |  |   |  |   |  |
| 4             |  | M20                       |  |   |  | Kabelverschraubung            |  |   |  | -4W6, -4W7, -2W1, -3W1             |  |   |  |   |  |   |  |   |  |
| 12            |  | EK 2,5 ge/gr              |  |   |  | Erdungsklemme                 |  |   |  | -X1, -X2                           |  |   |  |   |  |   |  |   |  |
| 1             |  | EK 6 ge/gr                |  |   |  | Erdungsklemme                 |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 1             |  | Klemme 6 blau             |  |   |  | Klemme N                      |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 3             |  | Klemme 6 grau             |  |   |  | Klemme L                      |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 3             |  | Klemme 2,5 blau           |  |   |  | Klemme N                      |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 26            |  | Klemme 2,5 grau           |  |   |  | Klemme L                      |  |   |  | -X2, -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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|               |  |                           |  |   |  |                               |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
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|               |  |                           |  |   |  |                               |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
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