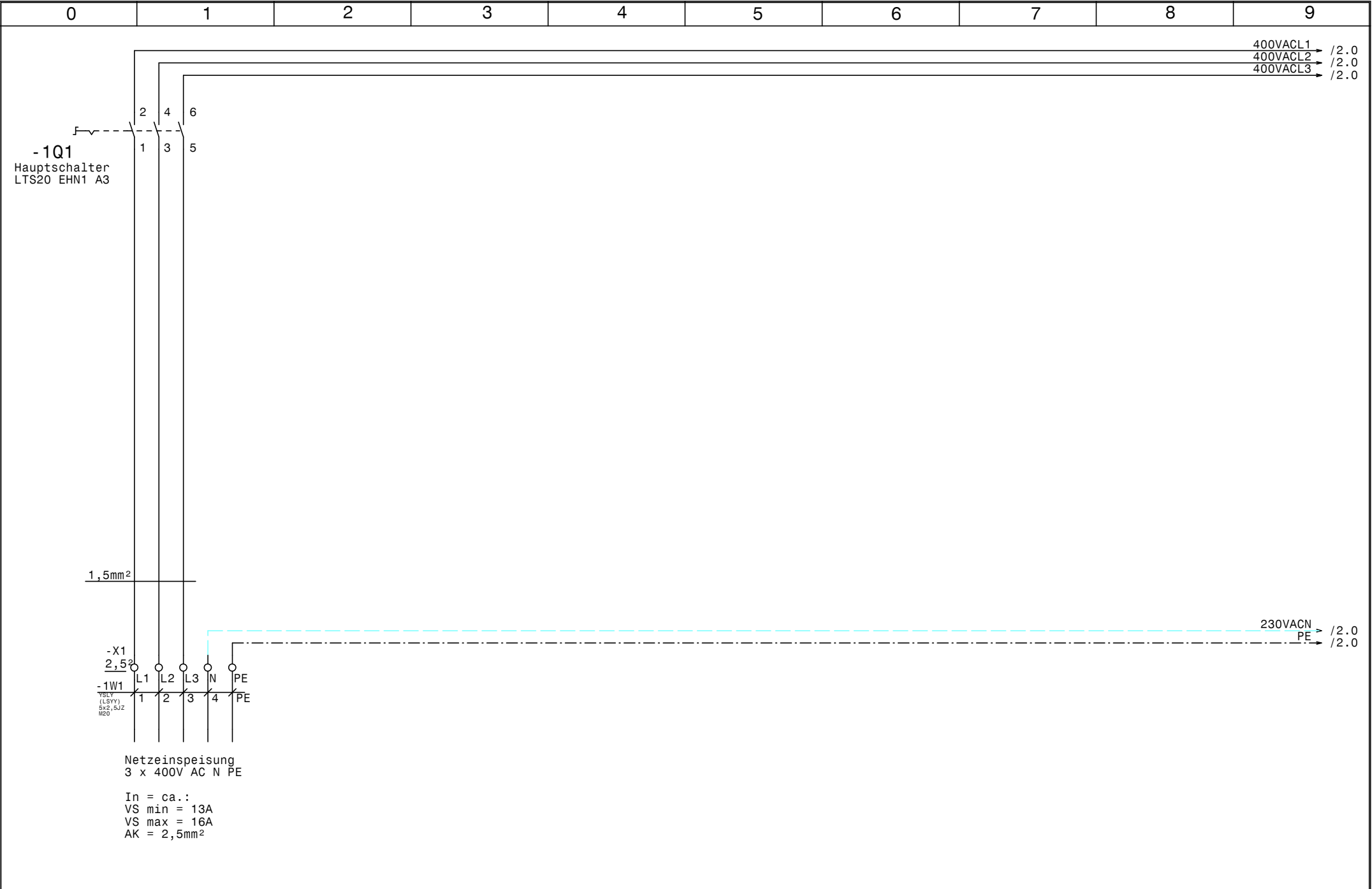


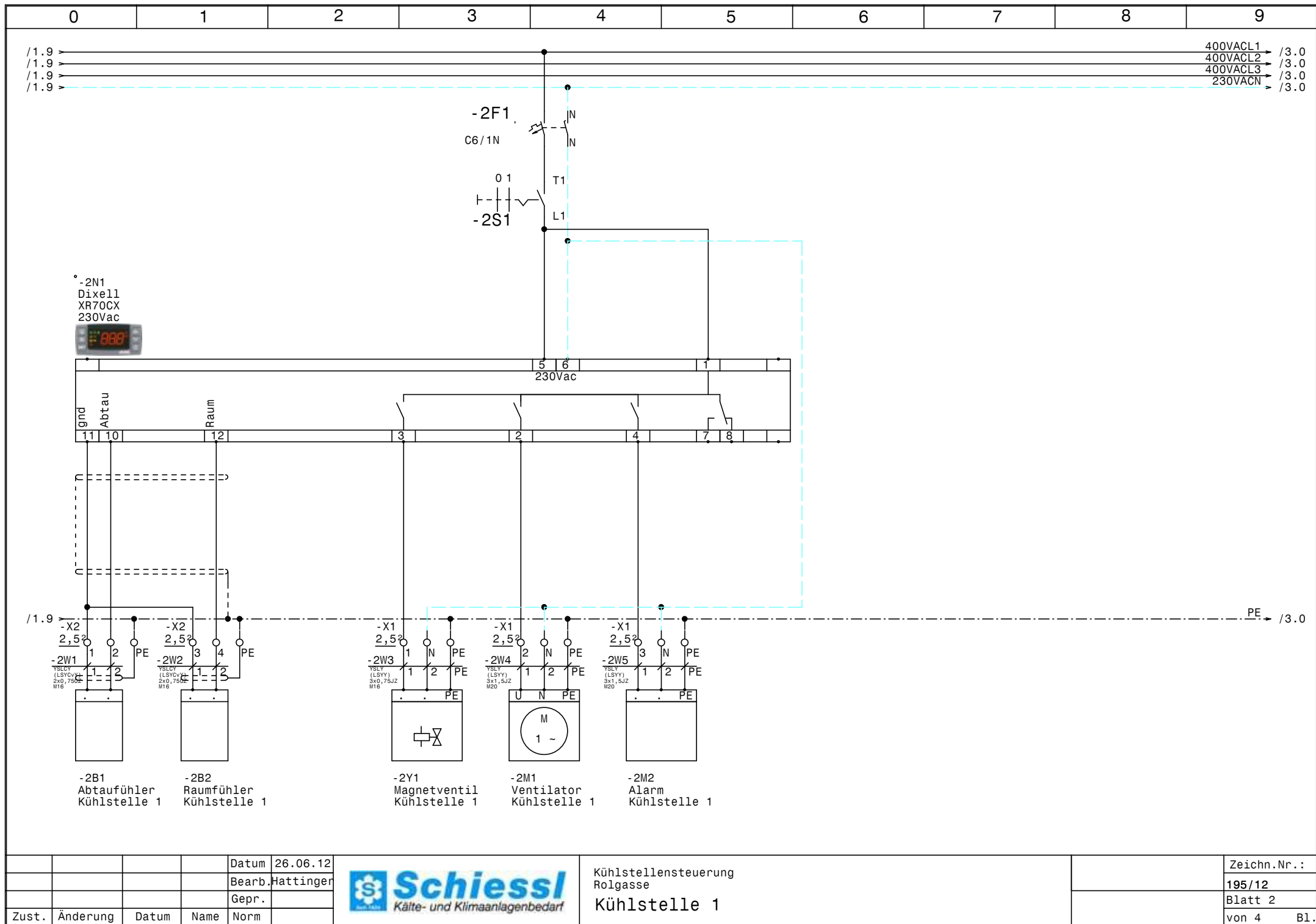
|                         |             |         |                           |     |                |                           |  |  |
|-------------------------|-------------|---------|---------------------------|-----|----------------|---------------------------|--|--|
| Anlage:                 |             |         | Kühlstellensteuerung      |     |                | _ ! ! A C H T U N G ! ! _ |  |  |
|                         |             |         | Rolgasse                  |     |                |                           |  |  |
| Firma:                  |             |         | Walter Maier              |     |                |                           |  |  |
| SCHALTSCHRANKAUSFÜHRUNG |             |         | VERDRAHTUNGSFARBEN        |     |                |                           |  |  |
| SCHALTSCHRANKGRÖSSE:    | 400x400x200 | (BxHxT) | HAUPTSTROMKREIS 400/230V: |     | schwarz        |                           |  |  |
| SOCKEL:                 | -           | (H)     | NEUTRALLEITER:            |     | hellblau       |                           |  |  |
| LACKIERUNG:             | RAL 7035    |         | SCHUTZLEITER:             |     | gelb/grün      |                           |  |  |
| SCHUTZART:              | IP54        |         | STEUERSPANNUNG 230VAC:    |     |                |                           |  |  |
| SCHUTZMASSNAHME:        | lt. EVU     |         | ohne Trafo:               | L/N | braun/hellblau |                           |  |  |
| BLINDSCHALTBILD:        | nein        | (BxH)   | mit Trafo:                | L/N | rot/rot-weiß   |                           |  |  |
| KABELEINFÜHRUNG:        | unten       |         | STEUERSPANNUNG 0-24VAC:   | L/N | blau/blau-weiß |                           |  |  |
| TÜRANSCHLAG:            | links       |         | 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 |                  |                  |
|------------------|------------------|------------------|
| 000 Deckblatt    | 002 Kühlstelle 1 | 004 Kühlstelle 3 |
| 001 Netzanschluß | 003 Kühlstelle 2 |                  |



|       |          |       |      |        |           |                                                                                                                                      |                                                      |           |             |
|-------|----------|-------|------|--------|-----------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-----------|-------------|
|       |          |       |      | Datum  | 26.06.12  |  <b>Schuessli</b><br>Kälte- und Klimaanlagebedarf | Kühlstellensteuerung<br>Rolgasse<br><br>Netzanschluß |           | Zeichn.Nr.: |
|       |          |       |      | Bearb. | Hattinger |                                                                                                                                      |                                                      |           | 195/12      |
|       |          |       |      | Gepr.  |           |                                                                                                                                      |                                                      |           | Blatt 1     |
| Zust. | Änderung | Datum | Name | Norm   |           |                                                                                                                                      |                                                      | von 4 Bl. |             |

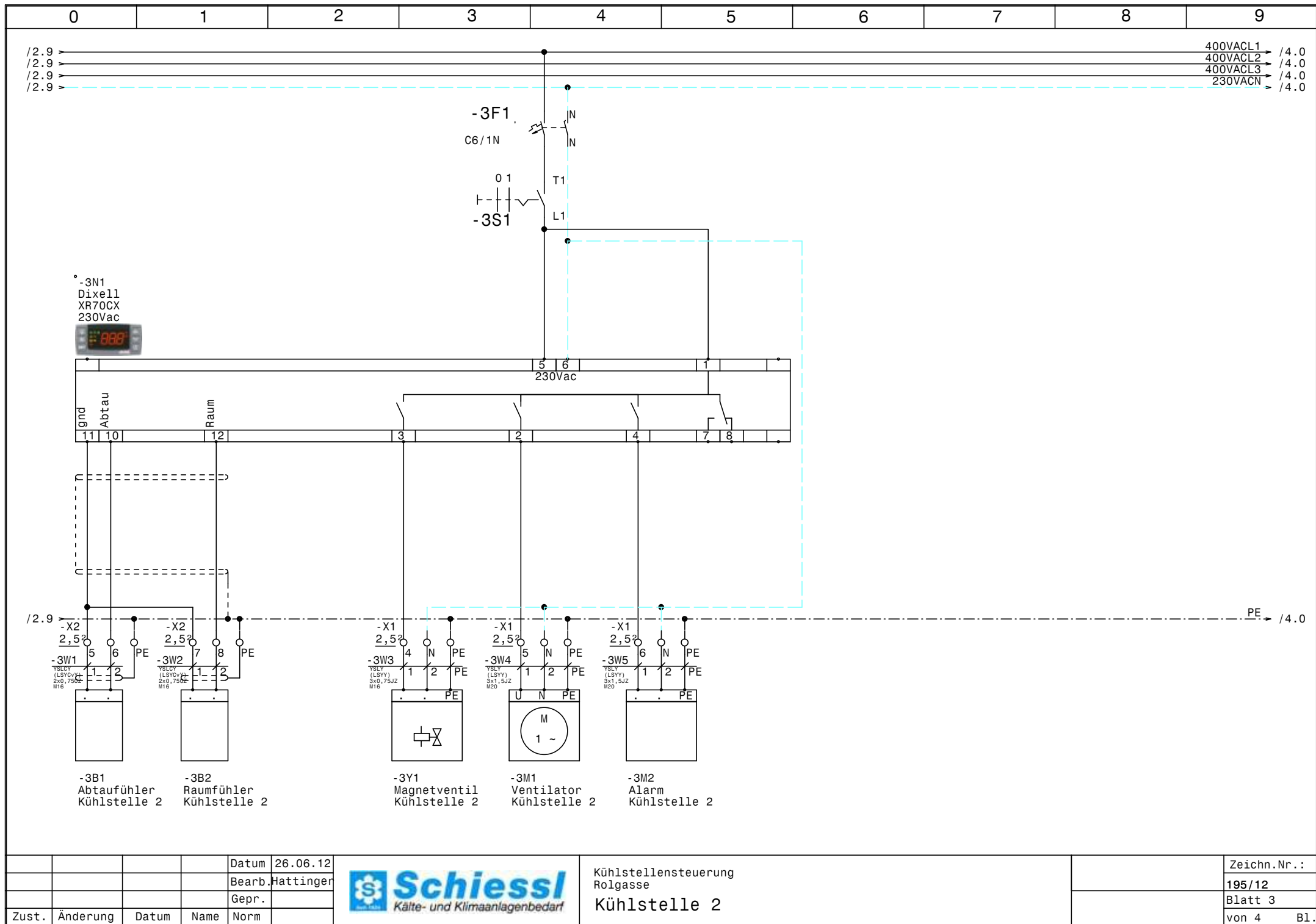


|       |          |       |        |           |
|-------|----------|-------|--------|-----------|
|       |          |       | Datum  | 26.06.12  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



Kühlstellensteuerung  
Roligasse  
Kühlstelle 1

|              |     |
|--------------|-----|
| Zeichn.Nr. : |     |
| 195/12       |     |
| Blatt 2      |     |
| von 4        | B1. |

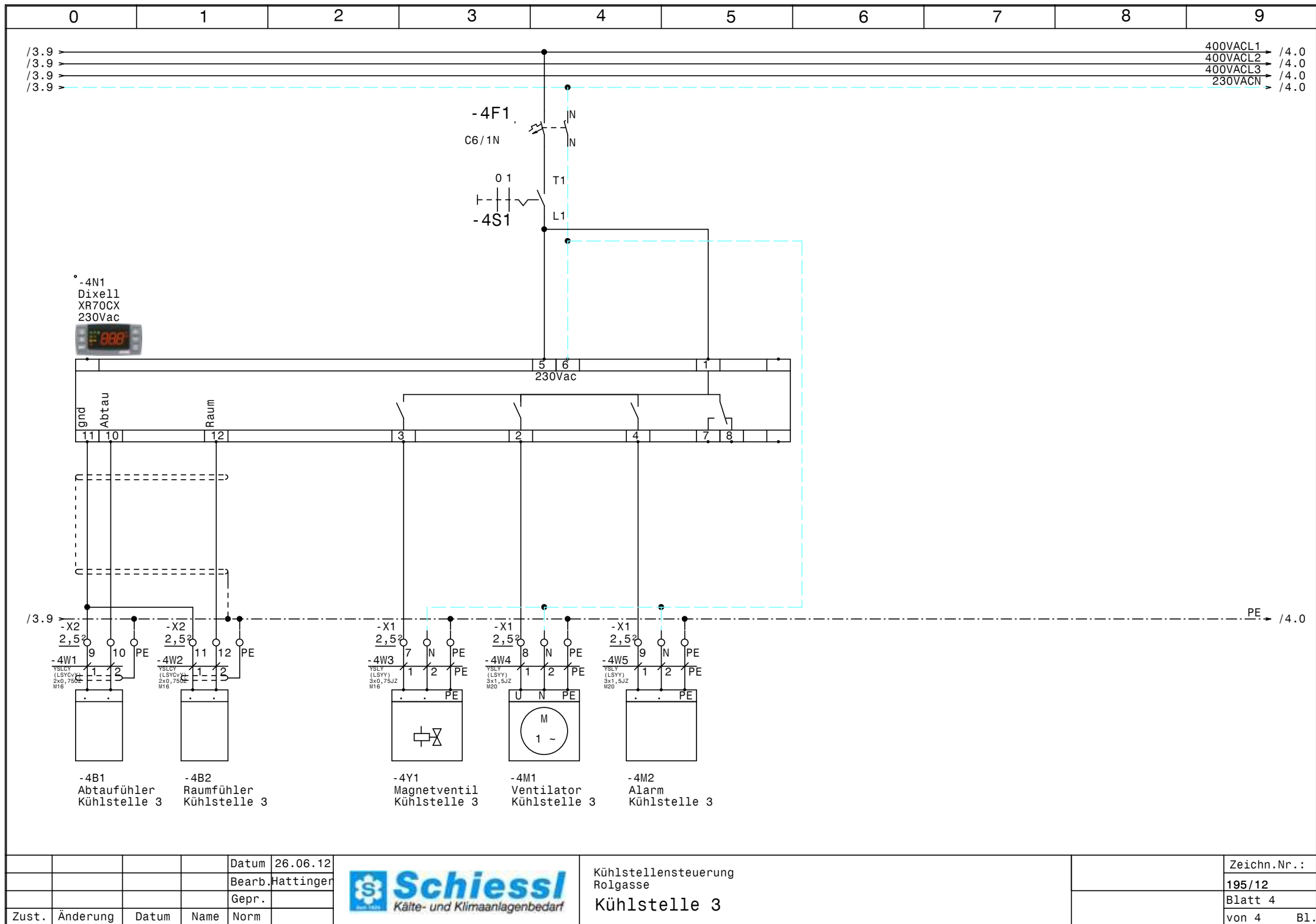


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|       |          |       | Datum  | 26.06.12  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



Kühlstellensteuerung  
Roligasse  
Kühlstelle 2

|             |     |
|-------------|-----|
| Zeichn.Nr.: |     |
| 195/12      |     |
| Blatt 3     |     |
| von 4       | B1. |



|       |          |       |        |           |
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|       |          |       | Datum  | 26.06.12  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



Kühlstellensteuerung  
Rolgasse  
Kühlstelle 3

|             |     |
|-------------|-----|
| Zeichn.Nr.: |     |
| 195/12      |     |
| Blatt 4     |     |
| von 4       | B1. |

| 0   |  | 1         |  | 2 |  | 3                        |  | 4 |  | 5                           |  | 6 |  | 7               |  | 8                                |  | 9 |  |  |  |  |  |
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| Nr. |  | Feldgerät |  |   |  | Leitungs-<br>bezeichnung |  |   |  | Leitungs-<br>typ            |  |   |  | Anzahl<br>Adern |  | Zielbezeichnung                  |  |   |  |  |  |  |  |
| 1   |  | -1We1     |  |   |  | -1W1                     |  |   |  | YSLY (LSYY) 5x2,5JZ M20     |  |   |  | 5               |  | Netzeinspeisung 3 x 400V AC N PE |  |   |  |  |  |  |  |
| 2   |  | -2B1      |  |   |  | -2W1                     |  |   |  | YSLCY (LSYCVY) 2x0,750Z M16 |  |   |  | 2               |  | Abtaufühler Kühlstelle 1         |  |   |  |  |  |  |  |
| 3   |  | -2B2      |  |   |  | -2W2                     |  |   |  | YSLCY (LSYCVY) 2x0,750Z M16 |  |   |  | 2               |  | Raumfühler Kühlstelle 1          |  |   |  |  |  |  |  |
| 4   |  | -2Y1      |  |   |  | -2W3                     |  |   |  | YSLY (LSYY) 3x0,75JZ M16    |  |   |  | 3               |  | Magnetventil Kühlstelle 1        |  |   |  |  |  |  |  |
| 5   |  | -2M1      |  |   |  | -2W4                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Ventilator Kühlstelle 1          |  |   |  |  |  |  |  |
| 6   |  | -2M2      |  |   |  | -2W5                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Alarm Kühlstelle 1               |  |   |  |  |  |  |  |
| 7   |  | -3B1      |  |   |  | -3W1                     |  |   |  | YSLCY (LSYCVY) 2x0,750Z M16 |  |   |  | 2               |  | Abtaufühler Kühlstelle 2         |  |   |  |  |  |  |  |
| 8   |  | -3B2      |  |   |  | -3W2                     |  |   |  | YSLCY (LSYCVY) 2x0,750Z M16 |  |   |  | 2               |  | Raumfühler Kühlstelle 2          |  |   |  |  |  |  |  |
| 9   |  | -3Y1      |  |   |  | -3W3                     |  |   |  | YSLY (LSYY) 3x0,75JZ M16    |  |   |  | 3               |  | Magnetventil Kühlstelle 2        |  |   |  |  |  |  |  |
| 10  |  | -3M1      |  |   |  | -3W4                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Ventilator Kühlstelle 2          |  |   |  |  |  |  |  |
| 11  |  | -3M2      |  |   |  | -3W5                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Alarm Kühlstelle 2               |  |   |  |  |  |  |  |
| 12  |  | -4B1      |  |   |  | -4W1                     |  |   |  | YSLCY (LSYCVY) 2x0,750Z M16 |  |   |  | 2               |  | Abtaufühler Kühlstelle 3         |  |   |  |  |  |  |  |
| 13  |  | -4B2      |  |   |  | -4W2                     |  |   |  | YSLCY (LSYCVY) 2x0,750Z M16 |  |   |  | 2               |  | Raumfühler Kühlstelle 3          |  |   |  |  |  |  |  |
| 14  |  | -4Y1      |  |   |  | -4W3                     |  |   |  | YSLY (LSYY) 3x0,75JZ M16    |  |   |  | 3               |  | Magnetventil Kühlstelle 3        |  |   |  |  |  |  |  |
| 15  |  | -4M1      |  |   |  | -4W4                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Ventilator Kühlstelle 3          |  |   |  |  |  |  |  |
| 16  |  | -4M2      |  |   |  | -4W5                     |  |   |  | YSLY (LSYY) 3x1,5JZ M20     |  |   |  | 3               |  | Alarm Kühlstelle 3               |  |   |  |  |  |  |  |
|     |  |           |  |   |  |                          |  |   |  |                             |  |   |  |                 |  |                                  |  |   |  |  |  |  |  |
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|     |  |           |  |   |  |                          |  |   |  |                             |  |   |  |                 |  |                                  |  |   |  |  |  |  |  |
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| Stück<br>Zahl |  | Artikel<br>Bezeichnung    |  |   |  | Artikel<br>Beschreibung |  |   |  | Artikel<br>Bezüge                  |  |   |  |   |  |   |  |   |  |
| 3             |  | C6/1N                     |  |   |  | Sicherungsautomaten     |  |   |  | -2F1, -3F1, -4F1                   |  |   |  |   |  |   |  |   |  |
| 1             |  | WS 4420 B=400 H=400 T=200 |  |   |  | Wandschrank IP 55       |  |   |  | -0N1                               |  |   |  |   |  |   |  |   |  |
| 3             |  |                           |  |   |  | Dixell XR70CX 230Vac    |  |   |  | -4N1, -3N1, -2N1                   |  |   |  |   |  |   |  |   |  |
| 1             |  | LTS20 EHN1 A3             |  |   |  | Hauptschalter           |  |   |  | -1Q1                               |  |   |  |   |  |   |  |   |  |
| 3             |  | M10HEA1                   |  |   |  | Ausschalter 1pol. 0-1   |  |   |  | -4S1, -2S1, -3S1                   |  |   |  |   |  |   |  |   |  |
| 9             |  | M16                       |  |   |  | Kabelverschraubung      |  |   |  | -2W2, -2W3, -2W1, -4W3, -3W1, -3W3 |  |   |  |   |  |   |  |   |  |
|               |  |                           |  |   |  |                         |  |   |  | -4W1, -4W2, -3W2                   |  |   |  |   |  |   |  |   |  |
| 7             |  | M20                       |  |   |  | Kabelverschraubung      |  |   |  | -2W5, -4W5, -3W4, -3W5, -1W1, -4W4 |  |   |  |   |  |   |  |   |  |
|               |  |                           |  |   |  |                         |  |   |  | -2W4                               |  |   |  |   |  |   |  |   |  |
| 10            |  | Klemme 2,5 blau           |  |   |  | Klemme N                |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 16            |  | EK 2,5 ge/gr              |  |   |  | Erdungsklemme           |  |   |  | -X2, -X1                           |  |   |  |   |  |   |  |   |  |
| 24            |  | Klemme 2,5 grau           |  |   |  | Klemme L                |  |   |  | -X2, -X1                           |  |   |  |   |  |   |  |   |  |
|               |  |                           |  |   |  |                         |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
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