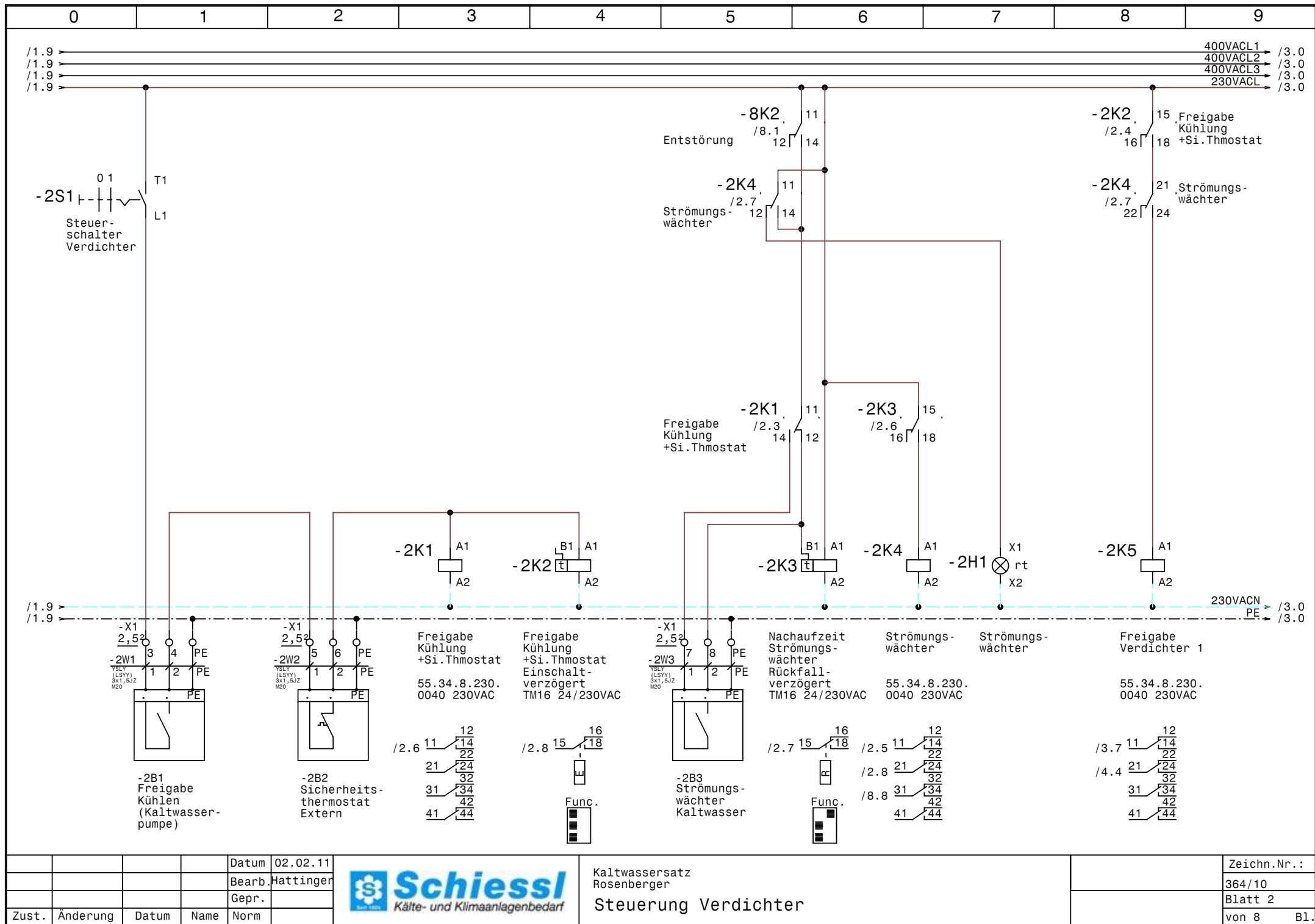
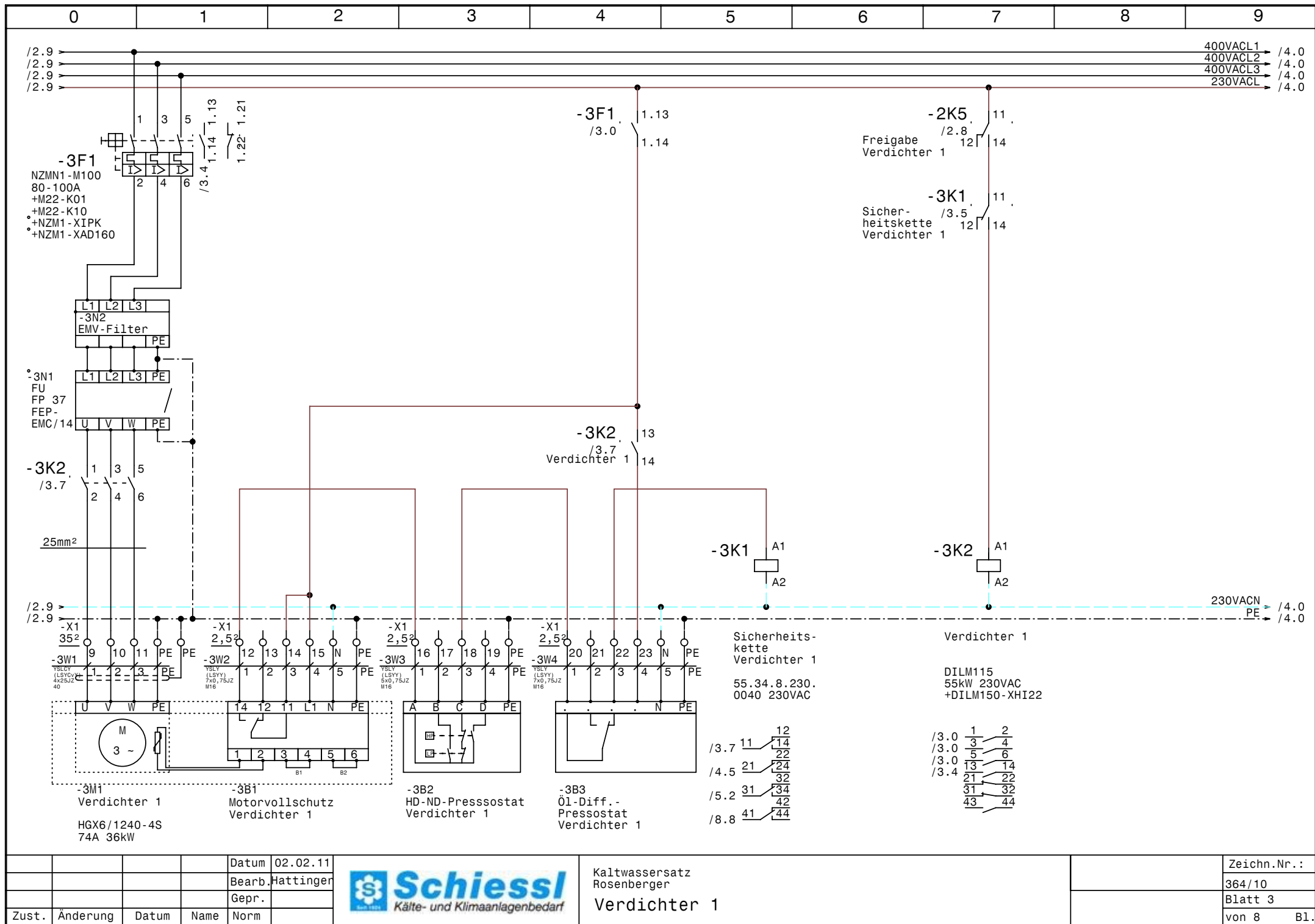


|                         |                     |                    |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
|-------------------------|---------------------|--------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Anlage:                 |                     | Kaltwassersatz     |                           | <div>__ !! A C H T U N G !! __</div> <p>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.</p> <p>Schutzmaßnahmen des Örtlichen EVU's beachten!</p> <p>Motorschutzgeräte nach den tatsächlichen Aufnahmestrom der Motoren einstellen!</p> <p>Vor der Inbetriebnahme der Anlage sind sämtliche Schraub-, Klemm- und Steckverbindungen auf festen Sitz zu prüfen und gegebenenfalls nachzuziehen!</p> |                |
| Firma:                  |                     | Rosenberger        |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
|                         |                     | Österreicher       |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
| SCHALTSCHRANKAUSFÜHRUNG |                     | VERDRAHTUNGSFARBEN |                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |
| SCHALTSCHRANKGRÖSSE:    | 1200x1000x450       | (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 (Netza. oben) |                    | STEUERSPANNUNG 0-24VAC:   | L/N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | blau/blau-weiß |
| TÜRANSCHLAG:            | links - rechts      |                    | STEUERSPANNUNG 0-24VDC:   | +/-                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | blau/blau-weiß |
|                         |                     |                    | GND, DDC:                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | blau-weiß      |
|                         |                     |                    | MESSLEITUNGEN, FÜHLER:    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | grün           |
|                         |                     |                    | POTENTIALFREIE LEITUNGEN: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | orange         |
|                         |                     |                    | FREMDSPANNUNG:            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | orange         |

| Blattverzeichnis         |                                |                               |
|--------------------------|--------------------------------|-------------------------------|
| 000 Deckblatt            | 003 Verdichter 1               | 006 Verdichter 2              |
| 001 Netzanschluß         | 004 Steuerung FU Verdichter 1  | 007 Verdichter 2              |
| 002 Steuerung Verdichter | 005 Meldeleuchten Verdichter 1 | 008 Entstörung, Summenstörung |



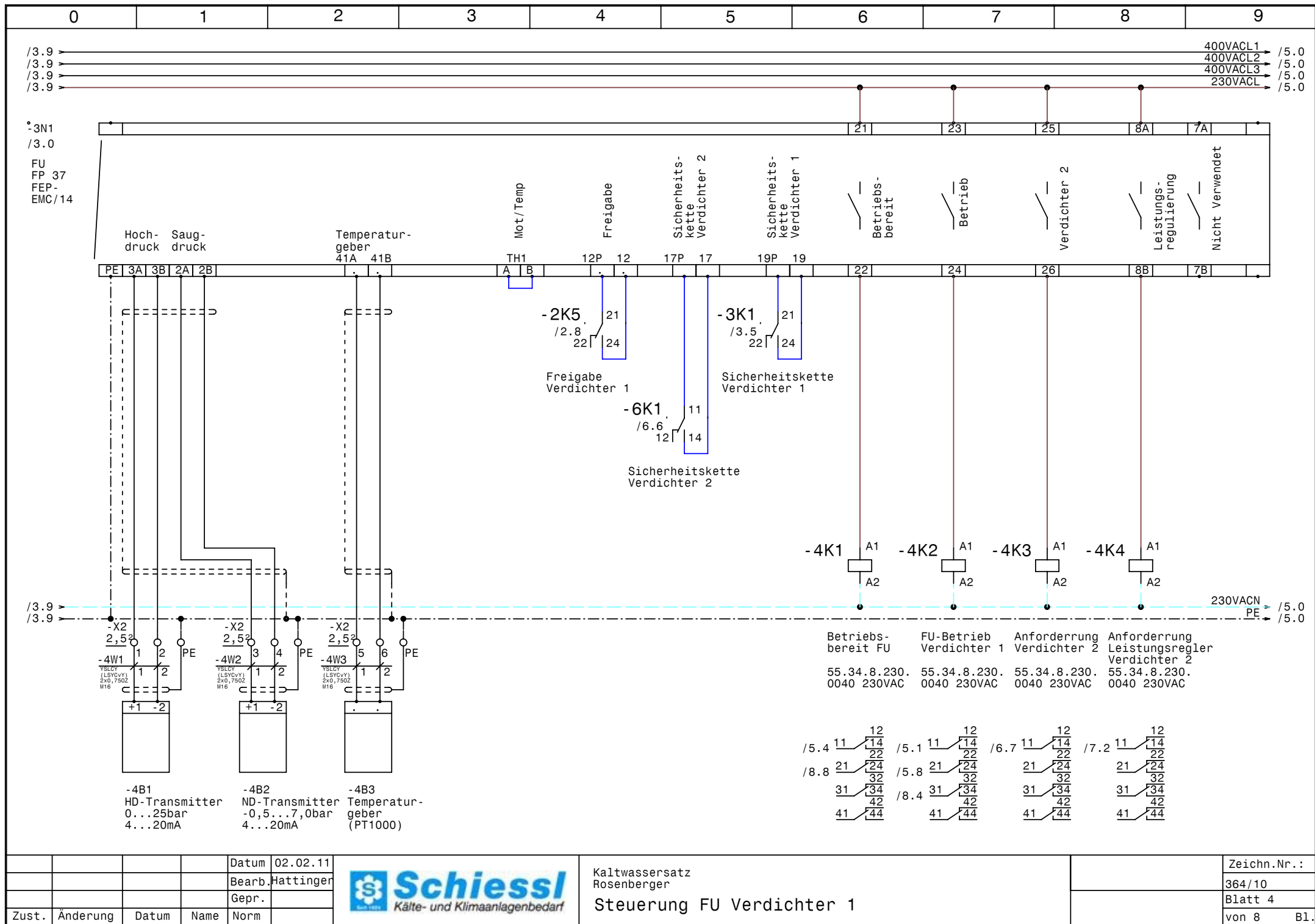




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|       |          |       |      | Datum  | 02.02.11  |  |  |  |  | Zeichn.Nr.: |  |
|       |          |       |      | Bearb. | Hattinger |  |  |  |  | 364/10      |  |
|       |          |       |      | Gepr.  |           |  |  |  |  | Blatt 3     |  |
| Zust. | Änderung | Datum | Name | Norm   |           |  |  |  |  | von 8 Bl.   |  |



Kaltwassersatz  
Rosenberger  
Verdichter 1

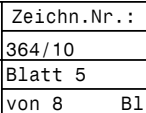


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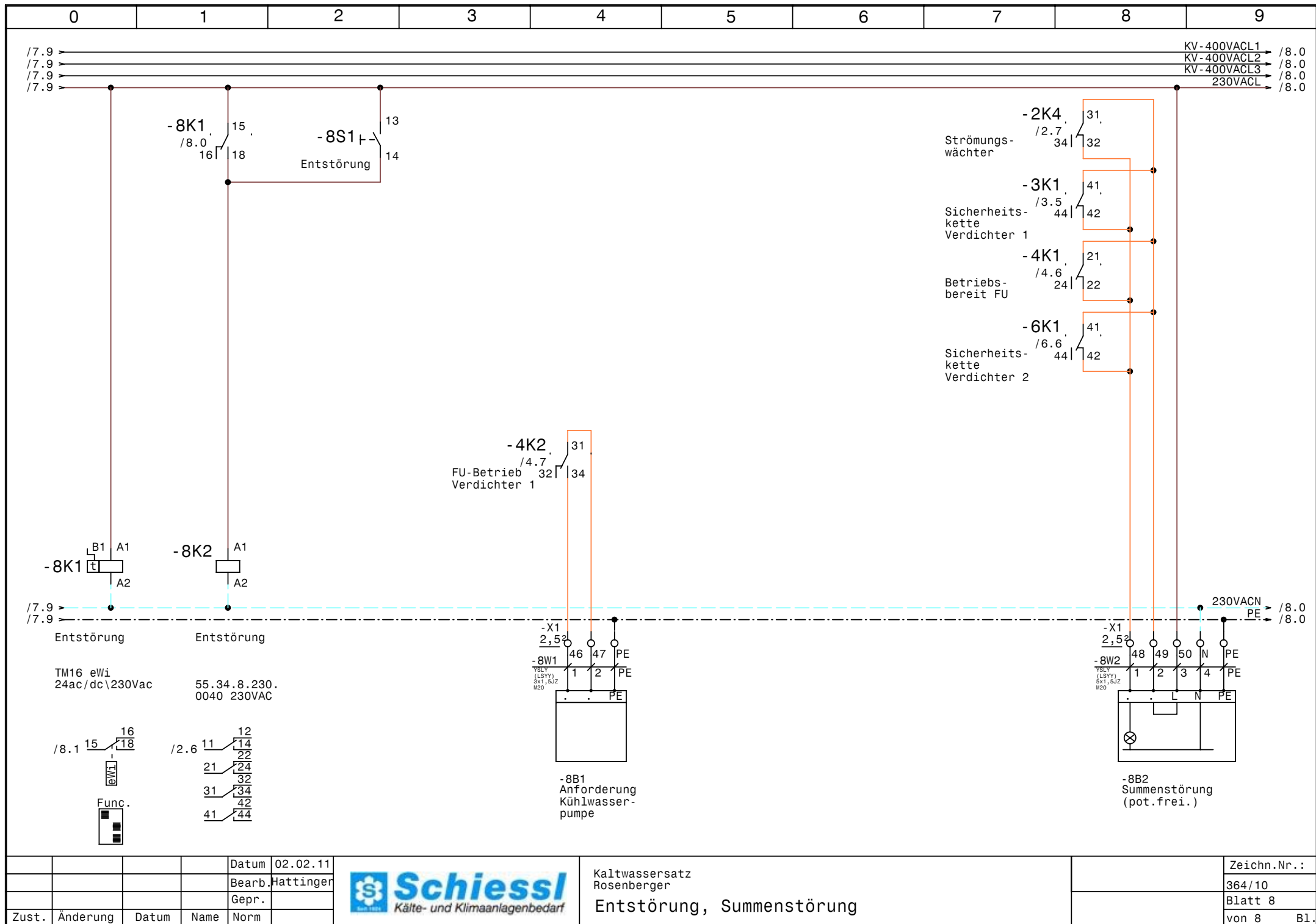
Kaltwassersatz  
Rosenberger  
Steuerung FU Verdichter 1

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Kaltwassersatz  
Rosenberger

Entstörung, Summenstörung

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| von 8 B1.   |

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| Nr. | Feldgerät |   |  | Leitungs-<br>bezeichnung |  |   | Leitungs-<br>typ            |   |  | Anzahl<br>Adern |  | Zielbezeichnung                   |  |   |  |   |  |   |  |
| 1   | -1We1     |   |  | -1W1                     |  |   | YSLY (LSYY) 4x95JZ M50      |   |  | 4               |  | Netzeinspeisung 3 x 400V AC PEN   |  |   |  |   |  |   |  |
| 2   | -1B1      |   |  | -1W2                     |  |   | YSLY (LSYY) 3x1,5JZ M20     |   |  | 3               |  | Not-Aus Extern (Reserve)          |  |   |  |   |  |   |  |
| 3   | -2B1      |   |  | -2W1                     |  |   | YSLY (LSYY) 3x1,5JZ M20     |   |  | 3               |  | Freigabe Kühlen (Kaltwasserpumpe) |  |   |  |   |  |   |  |
| 4   | -2B2      |   |  | -2W2                     |  |   | YSLY (LSYY) 3x1,5JZ M20     |   |  | 3               |  | Sicherheitsthermostat Extern      |  |   |  |   |  |   |  |
| 5   | -2B3      |   |  | -2W3                     |  |   | YSLY (LSYY) 3x1,5JZ M20     |   |  | 3               |  | Strömungswächter Kaltwasser       |  |   |  |   |  |   |  |
| 6   | -3M1      |   |  | -3W1                     |  |   | YSLCY (LSYCVY) 4x25JZ 40    |   |  | 4               |  | Verdichter 1                      |  |   |  |   |  |   |  |
| 7   | -3B1      |   |  | -3W2                     |  |   | YSLY (LSYY) 7x0,75JZ M16    |   |  | 6               |  | Motorvollschutz Verdichter 1      |  |   |  |   |  |   |  |
| 8   | -3B2      |   |  | -3W3                     |  |   | YSLY (LSYY) 5x0,75JZ M16    |   |  | 5               |  | HD-ND-Pressostat Verdichter 1     |  |   |  |   |  |   |  |
| 9   | -3B3      |   |  | -3W4                     |  |   | YSLY (LSYY) 7x0,75JZ M16    |   |  | 6               |  | Öl-Diff.Pressostat Verdichter 1   |  |   |  |   |  |   |  |
| 10  | -4B1      |   |  | -4W1                     |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  | 2               |  | HD-Transmitter                    |  |   |  |   |  |   |  |
| 11  | -4B2      |   |  | -4W2                     |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  | 2               |  | ND-Transmitter                    |  |   |  |   |  |   |  |
| 12  | -4B3      |   |  | -4W3                     |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  | 2               |  | Temperaturgeber (PT1000)          |  |   |  |   |  |   |  |
| 13  | -5B1      |   |  | -5W1                     |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  | 3               |  | Ölsumpfheizung Verdichter 1       |  |   |  |   |  |   |  |
| 14  | -6M1      |   |  | -6W1                     |  |   | YSLY (LSYY) 4x10JZ M25      |   |  | 4               |  | Teilwicklung 1 Verdichter 2       |  |   |  |   |  |   |  |
| 15  | -6M2      |   |  | -6W2                     |  |   | YSLY (LSYY) 4x4JZ M25       |   |  | 4               |  | Teilwicklung 2 Verdichter 2       |  |   |  |   |  |   |  |
| 16  | -6B1      |   |  | -6W3                     |  |   | YSLY (LSYY) 7x0,75JZ M16    |   |  | 6               |  | Motorvollschutz Verdichter 2      |  |   |  |   |  |   |  |
| 17  | -6B2      |   |  | -6W4                     |  |   | YSLY (LSYY) 5x0,75JZ M16    |   |  | 5               |  | HD-ND-Pressostat Verdichter 2     |  |   |  |   |  |   |  |
| 18  | -6B3      |   |  | -6W5                     |  |   | YSLY (LSYY) 7x0,75JZ M16    |   |  | 6               |  | Öl-Diff.Pressostat Verdichter 2   |  |   |  |   |  |   |  |
| 19  | -7B1      |   |  | -7W1                     |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  | 3               |  | MV Anlaufentlastung Verdichter 2  |  |   |  |   |  |   |  |
| 20  | -7B2      |   |  | -7W2                     |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  | 3               |  | MV Leistungsregelung Verdichter 2 |  |   |  |   |  |   |  |
| 21  | -7B3      |   |  | -7W3                     |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  | 3               |  | Ölsumpfheizung Verdichter 2       |  |   |  |   |  |   |  |
| 22  | -8B1      |   |  | -8W1                     |  |   | YSLY (LSYY) 3x1,5JZ M20     |   |  | 3               |  | Anforderung Kühlwasserpumpe       |  |   |  |   |  |   |  |
| 23  | -8B2      |   |  | -8W2                     |  |   | YSLY (LSYY) 5x1,5JZ M20     |   |  | 5               |  | Summenstörung (pot.frei.)         |  |   |  |   |  |   |  |
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| Stück<br>Zahl | Artikel<br>Bezeichnung  |       |      |        |              | Artikel<br>Beschreibung                                                                                                              |  |   |  |   | Artikel<br>Bezüge                                  |   |  |   |  |   |             |   |  |
| 1             | Neozed 3x20A            |       |      |        |              | Neozed 3x20A                                                                                                                         |  |   |  |   | - 1F1                                              |   |  |   |  |   |             |   |  |
| 2             | C6/1                    |       |      |        |              | Sicherungsautomaten                                                                                                                  |  |   |  |   | - 1F2, - 1F3                                       |   |  |   |  |   |             |   |  |
| 1             | NZMN1-M100              |       |      |        |              | Leistungsschalter Motorschutz                                                                                                        |  |   |  |   | - 3F1                                              |   |  |   |  |   |             |   |  |
| 2             | M22-K01                 |       |      |        |              | Leistungsschalter Normalhilfskonta                                                                                                   |  |   |  |   |                                                    |   |  |   |  |   |             |   |  |
| 1             | NZMN1-M50               |       |      |        |              | Leistungsschalter Motorschutz                                                                                                        |  |   |  |   | - 6F1                                              |   |  |   |  |   |             |   |  |
| 2             | M22-K10                 |       |      |        |              | Leistungsschalter Normalhilfskonta                                                                                                   |  |   |  |   |                                                    |   |  |   |  |   |             |   |  |
| 1             | PKZM0-25                |       |      |        |              | Motorschutzschalter                                                                                                                  |  |   |  |   | - 6F2                                              |   |  |   |  |   |             |   |  |
| 1             | NHI-E-11-PKZO           |       |      |        |              | Normalhilfsschalter                                                                                                                  |  |   |  |   |                                                    |   |  |   |  |   |             |   |  |
| 2             |                         |       |      |        |              | Betriebsstundenzähler                                                                                                                |  |   |  |   | - 7H1, - 5H1                                       |   |  |   |  |   |             |   |  |
| 2             | Signalleuchte grün      |       |      |        |              | Signalglimmlampe grün                                                                                                                |  |   |  |   | - 7H2, - 5H2                                       |   |  |   |  |   |             |   |  |
| 4             | Signalleuchte rot       |       |      |        |              | Signalglimmlampe rot                                                                                                                 |  |   |  |   | - 7H3, - 5H3, - 2H1, - 5H4                         |   |  |   |  |   |             |   |  |
| 1             | TM16/E 24/230VAC        |       |      |        |              | Multifunktion Zeitrelais                                                                                                             |  |   |  |   | - 2K2                                              |   |  |   |  |   |             |   |  |
| 1             | TM16/R 24/230VAC        |       |      |        |              | Multifunktion Zeitrelais                                                                                                             |  |   |  |   | - 2K3                                              |   |  |   |  |   |             |   |  |
| 1             | DILM115(RAC240)         |       |      |        |              | Schütz                                                                                                                               |  |   |  |   | - 3K2                                              |   |  |   |  |   |             |   |  |
| 2             | DILM150-XHI22           |       |      |        |              | Hilfsschalterbaustein                                                                                                                |  |   |  |   |                                                    |   |  |   |  |   |             |   |  |
| 10            | 55.34.8.230.0040        |       |      |        |              | Finder - Relais Type 55 4polig                                                                                                       |  |   |  |   | - 4K2, - 4K3, - 3K1, - 4K4, - 4K1, - 2K1           |   |  |   |  |   |             |   |  |
|               |                         |       |      |        |              |                                                                                                                                      |  |   |  |   | - 2K5, - 8K2, - 6K1, - 2K4                         |   |  |   |  |   |             |   |  |
| 10            | 94.04                   |       |      |        |              | Fassung für Finder Relais 4polig                                                                                                     |  |   |  |   |                                                    |   |  |   |  |   |             |   |  |
| 1             | DILM65(230V50HZ)        |       |      |        |              | Schütz                                                                                                                               |  |   |  |   | - 6K2                                              |   |  |   |  |   |             |   |  |
| 1             | DILM32-10(230V50HZ)     |       |      |        |              | Schütz                                                                                                                               |  |   |  |   | - 6K3                                              |   |  |   |  |   |             |   |  |
| 1             | DILM32-XHI22            |       |      |        |              | Hilfsschalterbaustein                                                                                                                |  |   |  |   |                                                    |   |  |   |  |   |             |   |  |
| 2             | TM16 E 24ac/dc\230Vac   |       |      |        |              | Multifunktion Zeitrelais                                                                                                             |  |   |  |   | - 7K1, - 6K4                                       |   |  |   |  |   |             |   |  |
| 1             | TM16 eWi 24ac/dc\230Vac |       |      |        |              | Multifunktion Zeitrelais                                                                                                             |  |   |  |   | - 8K1                                              |   |  |   |  |   |             |   |  |
| 1             |                         |       |      |        |              | Schaltschrankventilator                                                                                                              |  |   |  |   | - 1M1                                              |   |  |   |  |   |             |   |  |
| 1             | 1200x1000x450           |       |      |        |              | Wandschrank IP 55                                                                                                                    |  |   |  |   | - 0N1                                              |   |  |   |  |   |             |   |  |
| 1             |                         |       |      |        |              | FU                                                                                                                                   |  |   |  |   | - 3N1                                              |   |  |   |  |   |             |   |  |
| 1             |                         |       |      |        |              | EMV-Filter                                                                                                                           |  |   |  |   | - 3N2                                              |   |  |   |  |   |             |   |  |
| 1             | DILM95-XSPR240          |       |      |        |              | RC-Löschglied                                                                                                                        |  |   |  |   | - 6N1                                              |   |  |   |  |   |             |   |  |
| 1             | DILM32-XSPR240          |       |      |        |              | RC-Löschglied                                                                                                                        |  |   |  |   | - 6N2                                              |   |  |   |  |   |             |   |  |
| 1             |                         |       |      |        |              | Thermostat                                                                                                                           |  |   |  |   | - 1P1                                              |   |  |   |  |   |             |   |  |
| 1             |                         |       |      |        |              | Not-Aus 2polig                                                                                                                       |  |   |  |   | - 1S1                                              |   |  |   |  |   |             |   |  |
| 1             | M10HEA1                 |       |      |        |              | Ausschalter 1pol. 0-1                                                                                                                |  |   |  |   | - 2S1                                              |   |  |   |  |   |             |   |  |
| 1             |                         |       |      |        |              | SSchließer1pol.                                                                                                                      |  |   |  |   | - 8S1                                              |   |  |   |  |   |             |   |  |
|               |                         |       |      | Datum  | 02.02.11     |  <b>SchieSSL</b><br>Kälte- und Klimaanlagenbedarf |  |   |  |   | Kaltwassersatz<br>Rosenberger<br><br>Materialliste |   |  |   |  |   | Zeichn.Nr.: |   |  |
|               |                         |       |      | Bearb. | Hattinger F. |                                                                                                                                      |  |   |  |   |                                                    |   |  |   |  |   | 364/10      |   |  |
|               |                         |       |      | 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                  |  |   |  |   |  |   |  |   |  |
| 8             |  | M25                    |  |   |  | Kabelverschraubung                             |  |   |  | -1V6, -1V5, -6W2, -1V4, -1V3, -6W1 |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                                |  |   |  | -1V2, -1V1                         |  |   |  |   |  |   |  |   |  |
| 1             |  | M50                    |  |   |  | Kabelverschraubung                             |  |   |  | -1W1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | M40                    |  |   |  | Kabelverschraubung                             |  |   |  | -3W1                               |  |   |  |   |  |   |  |   |  |
| 13            |  | M16                    |  |   |  | Kabelverschraubung                             |  |   |  | -7W2, -4W1, -7W3, -3W3, -3W4, -3W2 |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                                |  |   |  | -6W4, -7W1, -5W1, -6W3, -4W3, -6W5 |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                                |  |   |  | -4W2                               |  |   |  |   |  |   |  |   |  |
| 6             |  | M20                    |  |   |  | Kabelverschraubung                             |  |   |  | -8W2, -8W1, -2W2, -1W2, -2W3, -2W1 |  |   |  |   |  |   |  |   |  |
| 47            |  | Klemme 2,5 grau        |  |   |  | Klemme L                                       |  |   |  | -X1, -X2                           |  |   |  |   |  |   |  |   |  |
| 9             |  | Klemme 2,5 blau        |  |   |  | Klemme N                                       |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 2             |  | EK 35 ge/gr            |  |   |  | Erdungsklemme                                  |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 3             |  | Klemme 4 grau          |  |   |  | Klemme L                                       |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 1             |  | EK 4 ge/gr             |  |   |  | Erdungsklemme                                  |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 3             |  | Klemme 10 grau         |  |   |  | Klemme L                                       |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 1             |  | EK 10 ge/gr            |  |   |  | Erdungsklemme                                  |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 3             |  | Klemme 35 grau         |  |   |  | Klemme L                                       |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 19            |  | EK 2,5 ge/gr           |  |   |  | Erdungsklemme                                  |  |   |  | -X2, -X1                           |  |   |  |   |  |   |  |   |  |
| 1             |  | Wöhner 01243           |  |   |  | Anschlussklemmenplatte 35-120 <sup>2</sup> für |  |   |  | -1X1                               |  |   |  |   |  |   |  |   |  |
| 2             |  | +NZM1-XIPK             |  |   |  | Fingerschutz für NZMN1                         |  |   |  | -6Z1, -3Z1                         |  |   |  |   |  |   |  |   |  |
| 2             |  | +NZM1-XAD160           |  |   |  | Adapter für NZM1                               |  |   |  | -6Z2, -3Z2                         |  |   |  |   |  |   |  |   |  |
| 1             |  | +BBA0-25               |  |   |  | Adapter für PKZM0                              |  |   |  | -6Z3                               |  |   |  |   |  |   |  |   |  |
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