

Anlage:

EFU2B04v3

Baugrösse 4 mit 2 Verdichter HGX34e-380-4SA

Firma:

Schiessl

SCHALTSCHRANKAUSFÜHRUNG

SCHALTSCHRANKGRÖSSE:

800x800x300

SOCKEL:

-

LACKIERUNG:

RAL 7032

SCHUTZART:

IP54

SCHUTZMASSNAHME:

lt. EVU

BLINDSCHALTBILD:

nein

KABELEINFÜHRUNG:

unten

TÜRANSCHLAG:

rechts

(BxHxT)

(H)

(BxH)

VERDRAHTUNGSFARBEN

HAUPTSTROMKREIS 400/230V:

schwarz

NEUTRALLEITER:

hellblau

SCHUTZLEITER:

gelb/grün

STEUERSPANNUNG 230VAC:

ohne Trafo:

L/N

mit Trafo:

L/N

STEUERSPANNUNG 0-24VAC:

L/N

STEUERSPANNUNG 0-24VDC:

+/-

GND, DDC:

braun/hellblau

MESSLEITUNGEN, FÜHLER:

rot/rot-weiß

POTENTIALFREIE LEITUNGEN:

blau/blau-weiß

FREMDSPANNUNG:

blau/blau-weiß

grün

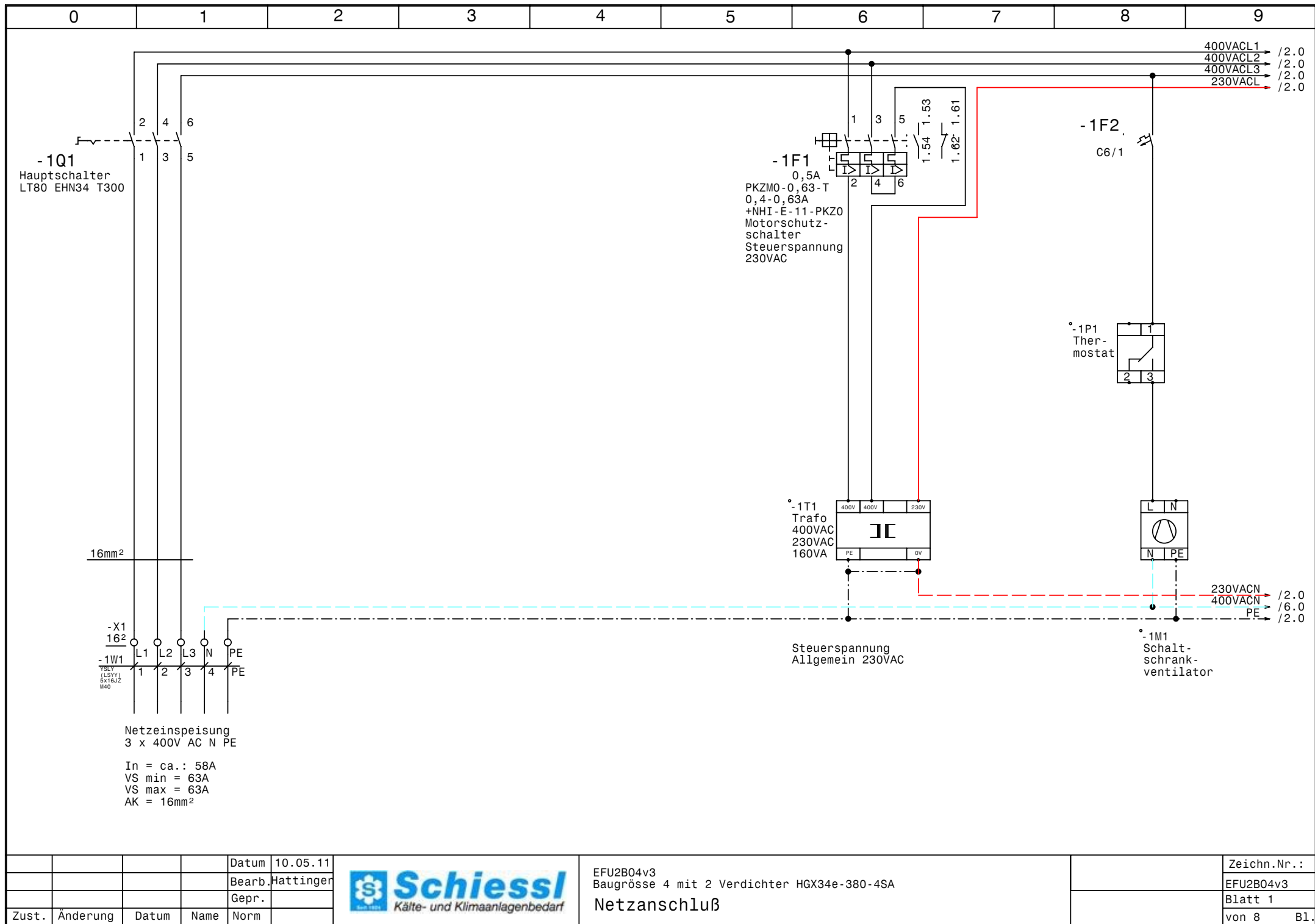
orange

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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| 000 | Deckblatt    | 003 | Verdichter 2                  | 006 | Öl-Heizungen         |
| 001 | Netzanschluß | 004 | Plusverbund Frequenzumrichter | 007 | Kondensatorlüfter    |
| 002 | Verdichter 1 | 005 | Steuerung                     | 008 | Minimalstandsanzeige |



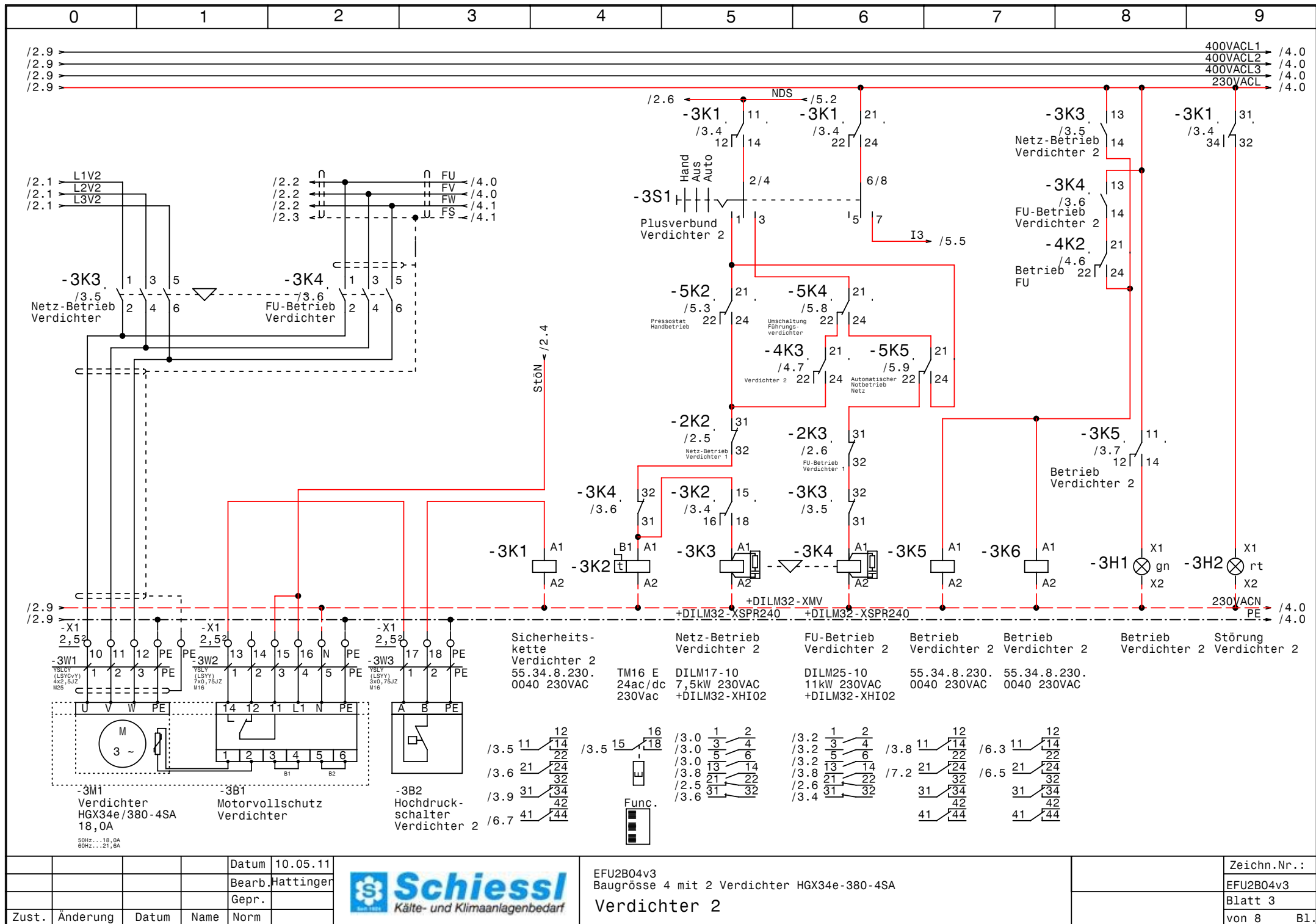
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|       |          |       |      | Datum  | 10.05.11  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



EFU2B04v3  
Baugröße 4 mit 2 Verdichter HGX34e-380-4SA  
Netzanschluß

|             |           |
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| Zeichn.Nr.: | EFU2B04v3 |
| Blatt 1     | von 8 B1. |



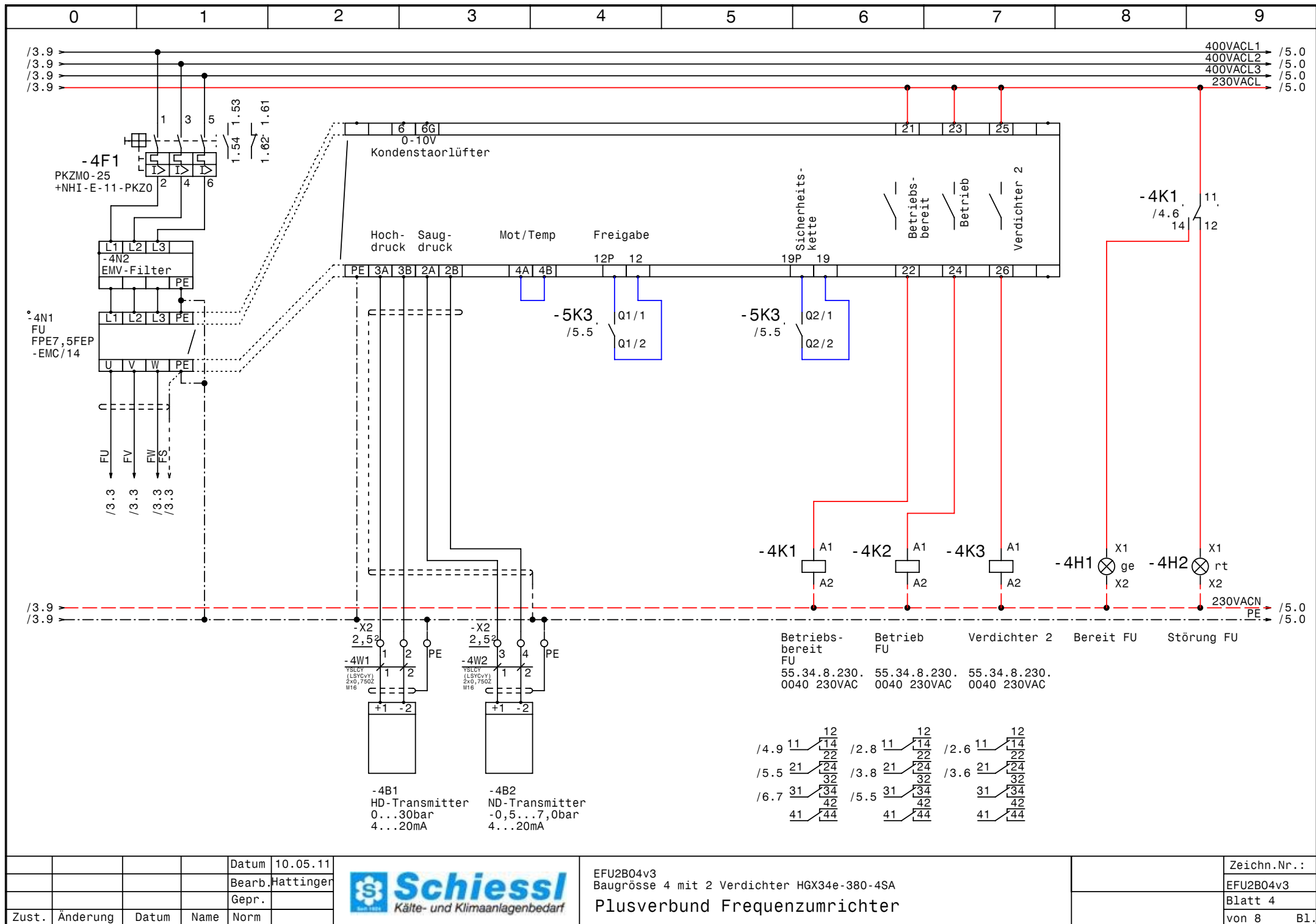


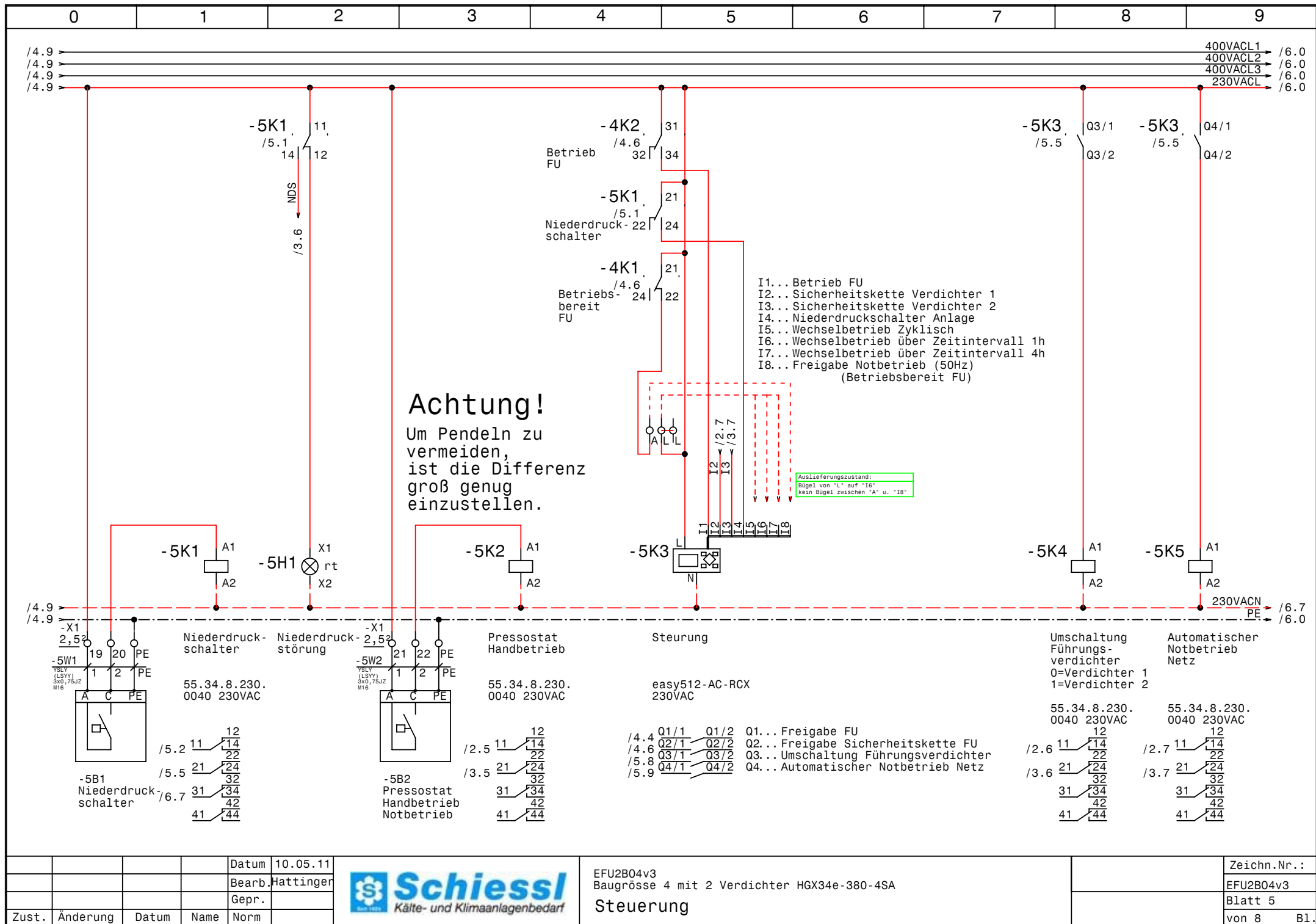
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|-------|----------|-------|--------|-----------|
|       |          |       | Datum  | 10.05.11  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



EFU2B04v3  
Baugrösse 4 mit 2 Verdichter HGX34e-380-4SA  
Verdichter 2

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| Zeichn.Nr.: | EFU2B04v3 |
| Blatt 3     | von 8     |
|             | B1.       |



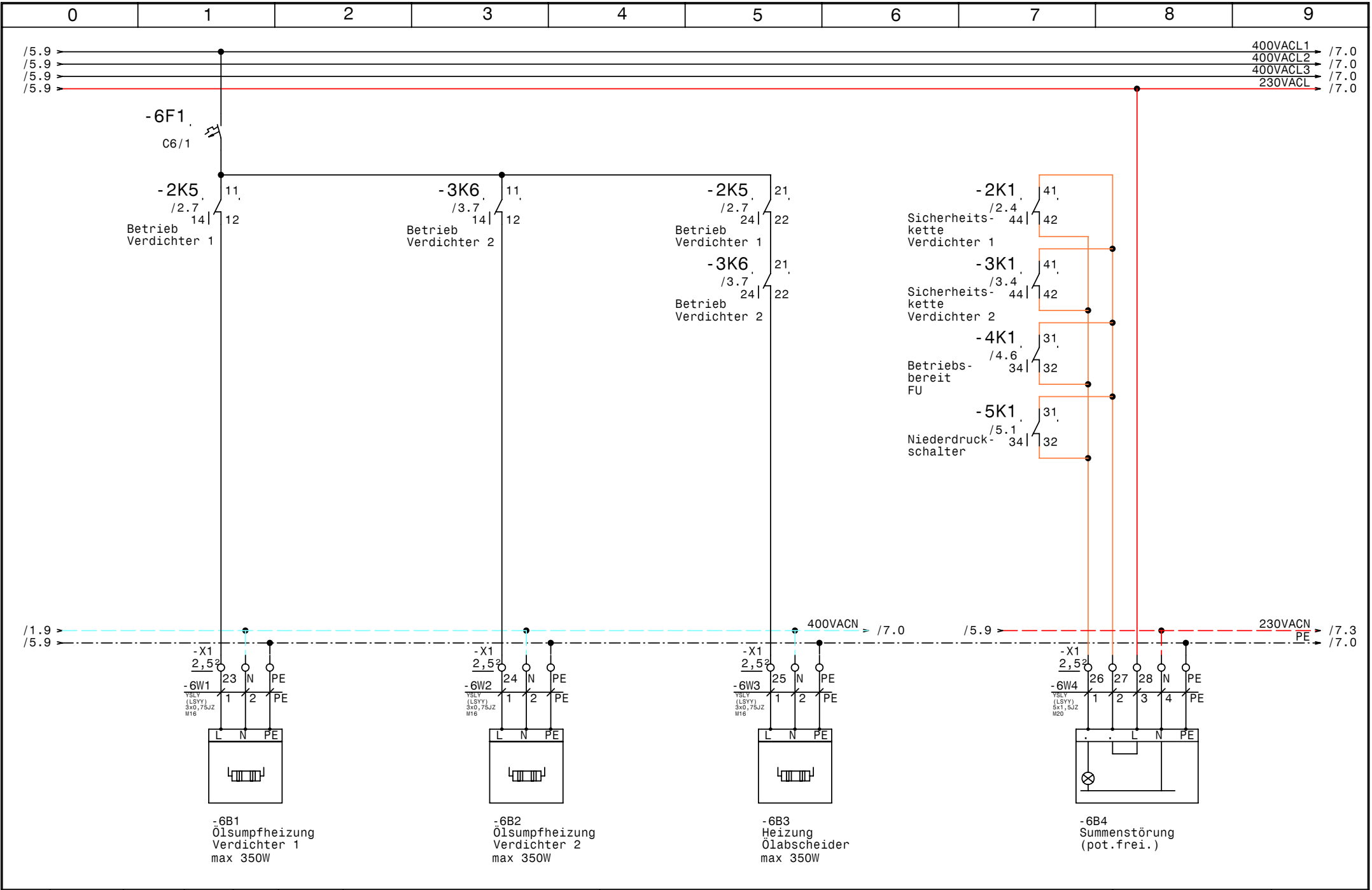


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|       |          |       |      | Datum  | 10.05.11  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



EFU2B04v3  
Baugröße 4 mit 2 Verdichter HGX34e-380-4SA  
Steuerung

|             |           |
|-------------|-----------|
| Zeichn.Nr.: | EFU2B04v3 |
| Blatt       | 5         |
| von 8       | B1.       |

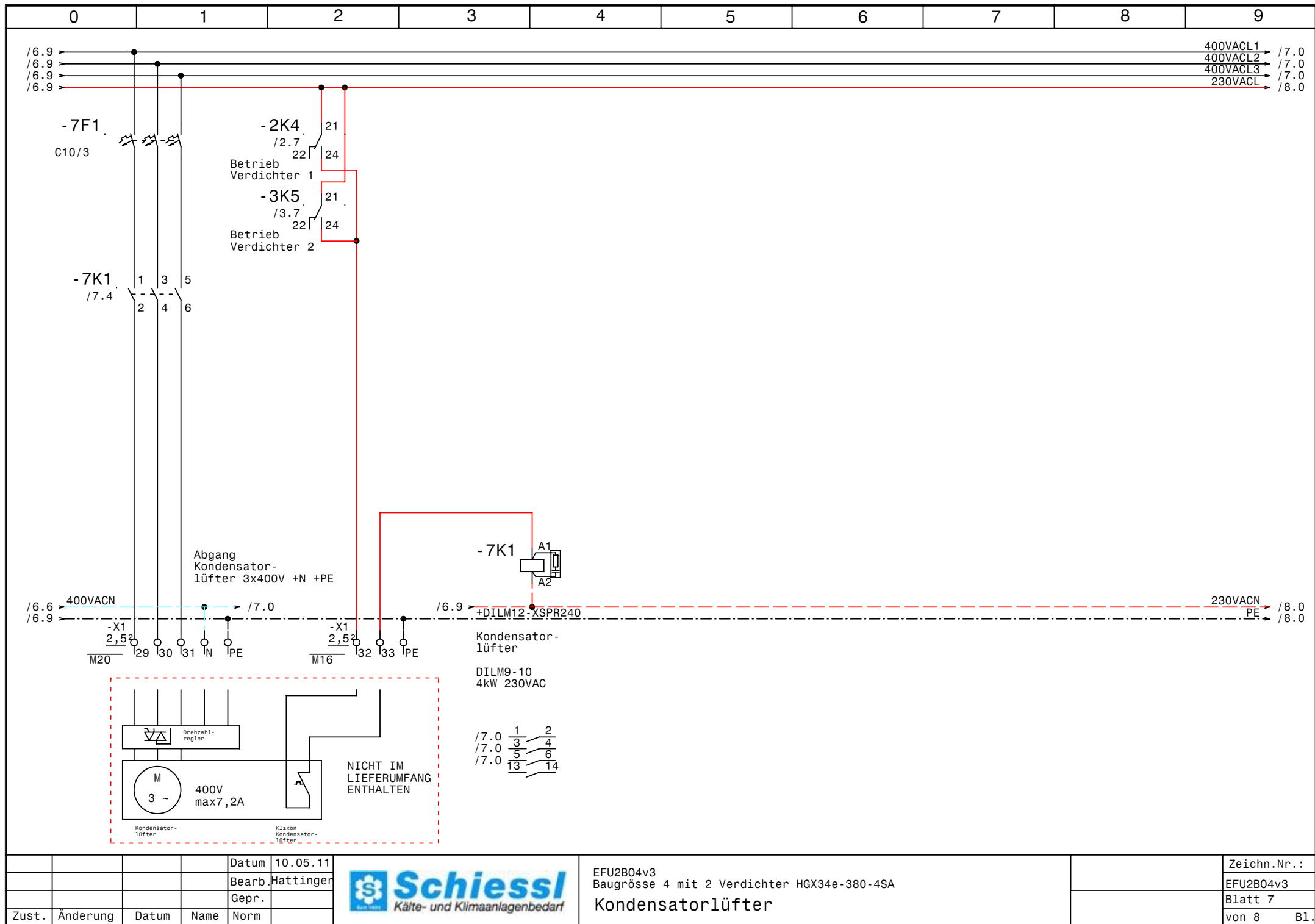


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|       |          |       |      | Datum  | 10.05.11  |
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| Zust. | Änderung | Datum | Name | Norm   |           |



EFU2B04v3  
Baugrösse 4 mit 2 Verdichter HGX34e-380-4SA  
Öl-Heizungen

|             |           |
|-------------|-----------|
| Zeichn.Nr.: | EFU2B04v3 |
| Blatt 6     |           |
| von 8       | B1.       |

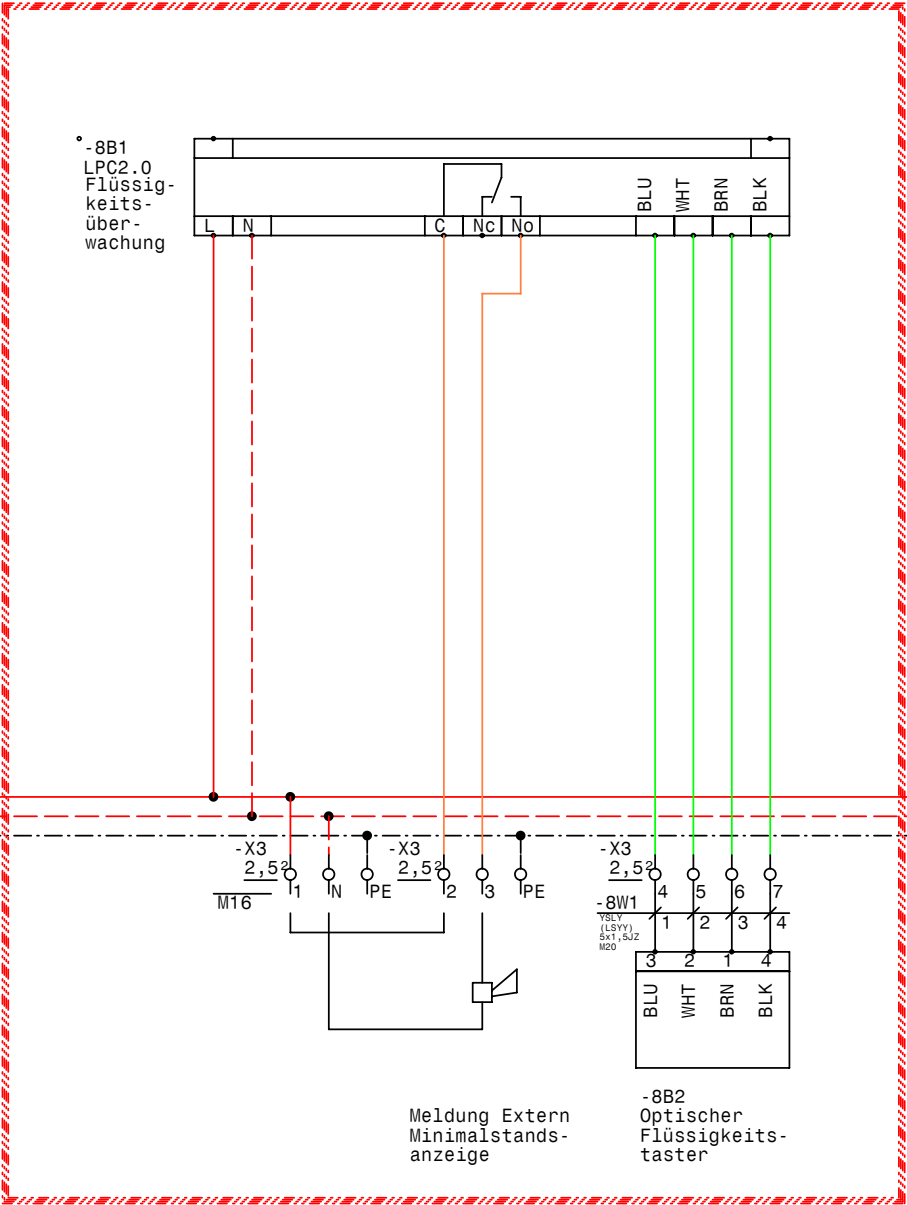


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|       |          |       |      | Datum  | 10.05.11  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



EFU2B04v3  
Baugrösse 4 mit 2 Verdichter HGX34e-380-4SA  
Kondensatorlüfter

|             |           |
|-------------|-----------|
| Zeichn.Nr.: | EFU2B04v3 |
| Blatt 7     | von 8 B1. |



NICHT IM LIEFERUMFANG ENTHALTEN

Kann nachträglich eingebaut werden.

Nur die Klemmen sind Eingebaut!!

| 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) 5x16JZ M40      |   |  |   | 5               | Netzeinspeisung 3 x 400V AC N PE  |  |   |  |   |  |
| 2   | -2M1      |   |  |   | -2W1                     |   |  |   | YSLCY (LSYCVY) 4x2,5JZ M25  |   |  |   | 4               | Verdichter                        |  |   |  |   |  |
| 3   | -2B1      |   |  |   | -2W2                     |   |  |   | YSLY (LSYY) 7x0,75JZ M16    |   |  |   | 6               | Motorvollschutz Verdichter        |  |   |  |   |  |
| 4   | -2B2      |   |  |   | -2W3                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               | Hochdruckschalter Verdichter 1    |  |   |  |   |  |
| 5   | -3M1      |   |  |   | -3W1                     |   |  |   | YSLCY (LSYCVY) 4x2,5JZ M25  |   |  |   | 4               | Verdichter                        |  |   |  |   |  |
| 6   | -3B1      |   |  |   | -3W2                     |   |  |   | YSLY (LSYY) 7x0,75JZ M16    |   |  |   | 6               | Motorvollschutz Verdichter        |  |   |  |   |  |
| 7   | -3B2      |   |  |   | -3W3                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               | Hochdruckschalter Verdichter 2    |  |   |  |   |  |
| 8   | -4B1      |   |  |   | -4W1                     |   |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  |   | 2               | HD-Transmitter                    |  |   |  |   |  |
| 9   | -4B2      |   |  |   | -4W2                     |   |  |   | YSLCY (LSYCVY) 2x0,750Z M16 |   |  |   | 2               | ND-Transmitter                    |  |   |  |   |  |
| 10  | -5B1      |   |  |   | -5W1                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               | Niederdruckschalter               |  |   |  |   |  |
| 11  | -5B2      |   |  |   | -5W2                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               | Pressostat Handbetrieb Notbetrieb |  |   |  |   |  |
| 12  | -6B1      |   |  |   | -6W1                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               | Ölsumpfheizung Verdichter 1       |  |   |  |   |  |
| 13  | -6B2      |   |  |   | -6W2                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               | Ölsumpfheizung Verdichter 2       |  |   |  |   |  |
| 14  | -6B3      |   |  |   | -6W3                     |   |  |   | YSLY (LSYY) 3x0,75JZ M16    |   |  |   | 3               | Heizung Ölabscheider              |  |   |  |   |  |
| 15  | -6B4      |   |  |   | -6W4                     |   |  |   | YSLY (LSYY) 5x1,5JZ M20     |   |  |   | 5               | Summenstörung (pot.frei.)         |  |   |  |   |  |
| 16  | -8B2      |   |  |   | -8W1                     |   |  |   | YSLY (LSYY) 5x1,5JZ M20     |   |  |   | 4               | Optischer Flüssigkeitstaster      |  |   |  |   |  |
|     |           |   |  |   |                          |   |  |   |                             |   |  |   |                 |                                   |  |   |  |   |  |
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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             |                           |       |      |        |              | LPC2.0                                                                                                                              |  |   |  |   | -8B1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             | PKZMO-0,63-T              |       |      |        |              | Transformatorschutzschalter                                                                                                         |  |   |  |   | -1F1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             | PKZMO-20                  |       |      |        |              | Motorschutzschalter                                                                                                                 |  |   |  |   | -2F1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             | PKZMO-25                  |       |      |        |              | Motorschutzschalter                                                                                                                 |  |   |  |   | -4F1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 3             | NHI-E-11-PKZO             |       |      |        |              | Normalhilfsschalter                                                                                                                 |  |   |  |   |                                                                               |   |  |   |  |                                                  |  |   |  |  |
| 2             | C6/1                      |       |      |        |              | Sicherungsautomaten                                                                                                                 |  |   |  |   | -6F1, -1F2                                                                    |   |  |   |  |                                                  |  |   |  |  |
| 1             | C10/3                     |       |      |        |              | Sicherungsautomaten                                                                                                                 |  |   |  |   | -7F1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 2             | Signalleuchte grün        |       |      |        |              | Signalglimmlampe grün                                                                                                               |  |   |  |   | -2H1, -3H1                                                                    |   |  |   |  |                                                  |  |   |  |  |
| 1             | Signalleuchte gelb        |       |      |        |              | Signalglimmlampe gelb                                                                                                               |  |   |  |   | -4H1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 4             | Signalleuchte rot         |       |      |        |              | Signalglimmlampe rot                                                                                                                |  |   |  |   | -4H2, -5H1, -2H2, -3H2                                                        |   |  |   |  |                                                  |  |   |  |  |
| 2             | DILM17-10(230V50HZ)       |       |      |        |              | Schütz                                                                                                                              |  |   |  |   | -2K2, -3K3                                                                    |   |  |   |  |                                                  |  |   |  |  |
| 13            | 55.34.8.230.0040          |       |      |        |              | Finder - Relais Type 55 4polig                                                                                                      |  |   |  |   | -3K1, -5K2, -5K1, -5K5, -4K2, -5K4                                            |   |  |   |  |                                                  |  |   |  |  |
|               |                           |       |      |        |              |                                                                                                                                     |  |   |  |   | -4K1, -3K5, -3K6, -4K3, -2K4, -2K5                                            |   |  |   |  |                                                  |  |   |  |  |
|               |                           |       |      |        |              |                                                                                                                                     |  |   |  |   | -2K1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             | TM16 E 24ac/dc\230Vac     |       |      |        |              | Multifunktion Zeitrelais                                                                                                            |  |   |  |   | -3K2                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 2             | DILM25-10(230V50HZ)       |       |      |        |              | Schütz                                                                                                                              |  |   |  |   | -3K4, -2K3                                                                    |   |  |   |  |                                                  |  |   |  |  |
| 4             | DILM32-XHI02              |       |      |        |              | Hilfsschalterbaustein                                                                                                               |  |   |  |   |                                                                               |   |  |   |  |                                                  |  |   |  |  |
| 13            | 94.04                     |       |      |        |              | Fassung für Finder Relais 4polig                                                                                                    |  |   |  |   |                                                                               |   |  |   |  |                                                  |  |   |  |  |
| 1             | easy512-AC-RCX            |       |      |        |              | easy512-AC-RCX                                                                                                                      |  |   |  |   | -5K3                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             | DILM9-10(230V50HZ)        |       |      |        |              | Schütz                                                                                                                              |  |   |  |   | -7K1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             |                           |       |      |        |              | Schaltschrankventilator                                                                                                             |  |   |  |   | -1M1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             | WS 8830 B=800 H=800 T=300 |       |      |        |              | Wandschrank IP 55                                                                                                                   |  |   |  |   | -0N1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 2             | DILM32-XMV                |       |      |        |              | Mechanische Verrigelung                                                                                                             |  |   |  |   | -2N2, -3N2                                                                    |   |  |   |  |                                                  |  |   |  |  |
| 4             | DILM32-XSPR240            |       |      |        |              | RC-Löschglied                                                                                                                       |  |   |  |   | -3N1, -2N1, -2N3, -3N3                                                        |   |  |   |  |                                                  |  |   |  |  |
| 1             |                           |       |      |        |              | FU                                                                                                                                  |  |   |  |   | -4N1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             |                           |       |      |        |              | EMV-Filter                                                                                                                          |  |   |  |   | -4N2                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             | DILM12-XSPR240            |       |      |        |              | RC-Löschglied                                                                                                                       |  |   |  |   | -7N1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             |                           |       |      |        |              | Thermostat                                                                                                                          |  |   |  |   | -1P1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 1             | LT80 EHN34 T300           |       |      |        |              | Hauptschalter                                                                                                                       |  |   |  |   | -1Q1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 2             | M10HEU2                   |       |      |        |              | Umschalter 2pol. 1-0-2                                                                                                              |  |   |  |   | -2S1, -3S1                                                                    |   |  |   |  |                                                  |  |   |  |  |
| 1             |                           |       |      |        |              | Trafo 400VAC 230VAC 160VA                                                                                                           |  |   |  |   | -1T1                                                                          |   |  |   |  |                                                  |  |   |  |  |
| 3             | M20                       |       |      |        |              | Kabelverschraubung                                                                                                                  |  |   |  |   | -7V1, -8W1, -6W4                                                              |   |  |   |  |                                                  |  |   |  |  |
| 13            | M16                       |       |      |        |              | Kabelverschraubung                                                                                                                  |  |   |  |   | -8V1, -2W2, -2W3, -4W2, -3W2, -6W3                                            |   |  |   |  |                                                  |  |   |  |  |
|               |                           |       |      | Datum  | 10.05.11     |  <b>Schiessl</b><br>Kälte- und Klimaanlagebedarf |  |   |  |   | EFU2B04v3<br>Baugrösse 4 mit 2 Verdichter HGX34e-380-4SA<br><br>Materialliste |   |  |   |  | Zeichn.Nr.:<br>EFU2B04v3<br>Blatt 1<br>von 2 Bl. |  |   |  |  |
|               |                           |       |      | Bearb. | Hattinger F. |                                                                                                                                     |  |   |  |   |                                                                               |   |  |   |  |                                                  |  |   |  |  |
|               |                           |       |      | Gepr.  |              |                                                                                                                                     |  |   |  |   |                                                                               |   |  |   |  |                                                  |  |   |  |  |
| Zust.         | Änderung                  | Datum | Name | Norm   |              |                                                                                                                                     |  |   |  |   |                                                                               |   |  |   |  |                                                  |  |   |  |  |

[illegible]