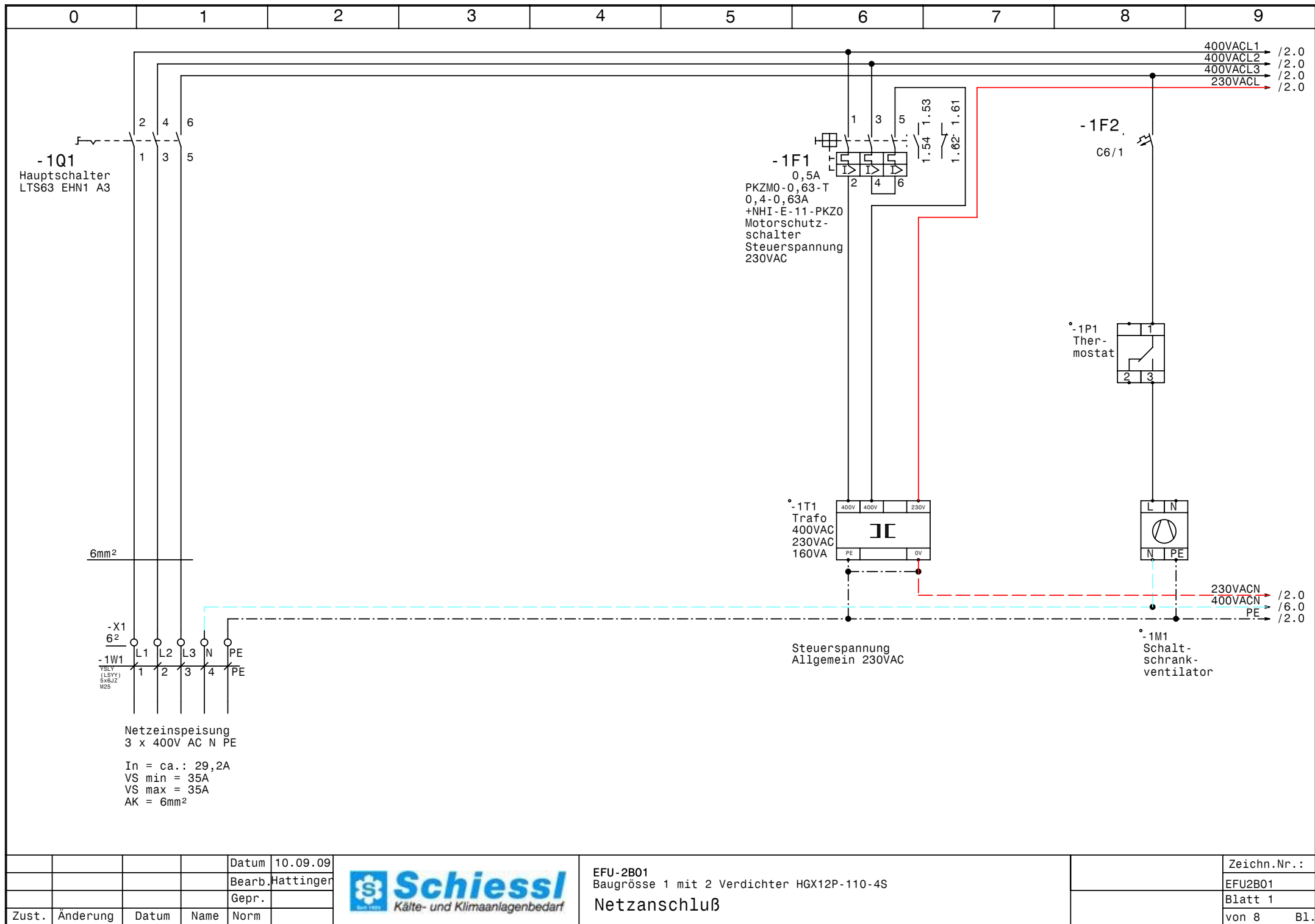


| Anlage:<br><br>EFU-2B01<br><br>Baugrösse 1 mit 2 Verdichter HGX12P-110-4S                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     | <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. 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!</p> |                                     |                    |                                                                                                                                          |                                                                                                                                                                     |                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Firma:<br><br>Schuessl                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |                    |                                                                                                                                          |                                                                                                                                                                     |                                                                            |
| <table><tr><th>SCHALTSCHRANKAUSFÜHRUNG</th><th>VERDRAHTUNGSFARBEN</th></tr><tr><td>SCHALTSCHRANKGRÖSSE:<br/>SOCKEL:<br/>LACKIERUNG:<br/>SCHUTZART:<br/>SCHUTZMASSNAHME:<br/>BLINDSCHALTBILD:<br/>KABELEINFÜHRUNG:<br/>TÜRANSCHLAG:</td><td><table><tr><td>800x800x300<br/>-<br/>RAL 7032<br/>IP54<br/>lt. EVU<br/>nein<br/>unten<br/>rechts</td><td>(BxHxT)<br/>(H)<br/><br/><br/><br/>(BxH)</td></tr></table></td></tr></table> |                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SCHALTSCHRANKAUSFÜHRUNG             | VERDRAHTUNGSFARBEN | SCHALTSCHRANKGRÖSSE:<br>SOCKEL:<br>LACKIERUNG:<br>SCHUTZART:<br>SCHUTZMASSNAHME:<br>BLINDSCHALTBILD:<br>KABELEINFÜHRUNG:<br>TÜRANSCHLAG: | <table><tr><td>800x800x300<br/>-<br/>RAL 7032<br/>IP54<br/>lt. EVU<br/>nein<br/>unten<br/>rechts</td><td>(BxHxT)<br/>(H)<br/><br/><br/><br/>(BxH)</td></tr></table> | 800x800x300<br>-<br>RAL 7032<br>IP54<br>lt. EVU<br>nein<br>unten<br>rechts |
| SCHALTSCHRANKAUSFÜHRUNG                                                                                                                                                                                                                                                                                                                                                                                                          | VERDRAHTUNGSFARBEN                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |                    |                                                                                                                                          |                                                                                                                                                                     |                                                                            |
| SCHALTSCHRANKGRÖSSE:<br>SOCKEL:<br>LACKIERUNG:<br>SCHUTZART:<br>SCHUTZMASSNAHME:<br>BLINDSCHALTBILD:<br>KABELEINFÜHRUNG:<br>TÜRANSCHLAG:                                                                                                                                                                                                                                                                                         | <table><tr><td>800x800x300<br/>-<br/>RAL 7032<br/>IP54<br/>lt. EVU<br/>nein<br/>unten<br/>rechts</td><td>(BxHxT)<br/>(H)<br/><br/><br/><br/>(BxH)</td></tr></table> | 800x800x300<br>-<br>RAL 7032<br>IP54<br>lt. EVU<br>nein<br>unten<br>rechts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | (BxHxT)<br>(H)<br><br><br><br>(BxH) |                    |                                                                                                                                          |                                                                                                                                                                     |                                                                            |
| 800x800x300<br>-<br>RAL 7032<br>IP54<br>lt. EVU<br>nein<br>unten<br>rechts                                                                                                                                                                                                                                                                                                                                                       | (BxHxT)<br>(H)<br><br><br><br>(BxH)                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                     |                    |                                                                                                                                          |                                                                                                                                                                     |                                                                            |

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |   |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------|---|---|----------|---|---|-----------|---|---|----------------|---|---|--------------|---|---|----------------|---|---|----------------|---|---|-----------|---|---|------|---|---|--------|---|---|--------|---|
| HAUPTSTROMKREIS 400/230V:<br>NEUTRALLEITER:<br>SCHUTZLEITER:<br>STEUERSPANNUNG 230VAC:<br>ohne Trafo:<br>mit Trafo:<br>STEUERSPANNUNG 0-24VAC:<br>STEUERSPANNUNG 0-24VDC:<br>GND, DDC:<br>MESSLEITUNGEN, FÜHLER:<br>POTENTIALFREIE LEITUNGEN:<br>FREMDSPANNUNG: | <table><tr><td>—</td><td>schwarz</td><td>—</td></tr><tr><td>—</td><td>hellblau</td><td>—</td></tr><tr><td>—</td><td>gelb/grün</td><td>—</td></tr><tr><td>—</td><td>braun/hellblau</td><td>—</td></tr><tr><td>—</td><td>rot/rot-weiß</td><td>—</td></tr><tr><td>—</td><td>blau/blau-weiß</td><td>—</td></tr><tr><td>—</td><td>blau/blau-weiß</td><td>—</td></tr><tr><td>—</td><td>blau-weiß</td><td>—</td></tr><tr><td>—</td><td>grün</td><td>—</td></tr><tr><td>—</td><td>orange</td><td>—</td></tr><tr><td>—</td><td>orange</td><td>—</td></tr></table> | — | schwarz | — | — | hellblau | — | — | gelb/grün | — | — | braun/hellblau | — | — | rot/rot-weiß | — | — | blau/blau-weiß | — | — | blau/blau-weiß | — | — | blau-weiß | — | — | grün | — | — | orange | — | — | orange | — |
| —                                                                                                                                                                                                                                                               | schwarz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | hellblau                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | gelb/grün                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | braun/hellblau                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | rot/rot-weiß                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | blau/blau-weiß                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | blau/blau-weiß                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | blau-weiß                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | grün                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |
| —                                                                                                                                                                                                                                                               | orange                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | — |         |   |   |          |   |   |           |   |   |                |   |   |              |   |   |                |   |   |                |   |   |           |   |   |      |   |   |        |   |   |        |   |

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| 001 Netzanschluß | 004 Plusverbund Frequenzumrichter | 007 Kondensatorlüfter    |
| 002 Verdichter 1 | 005 Steuerung                     | 008 Minimalstandsanzeige |



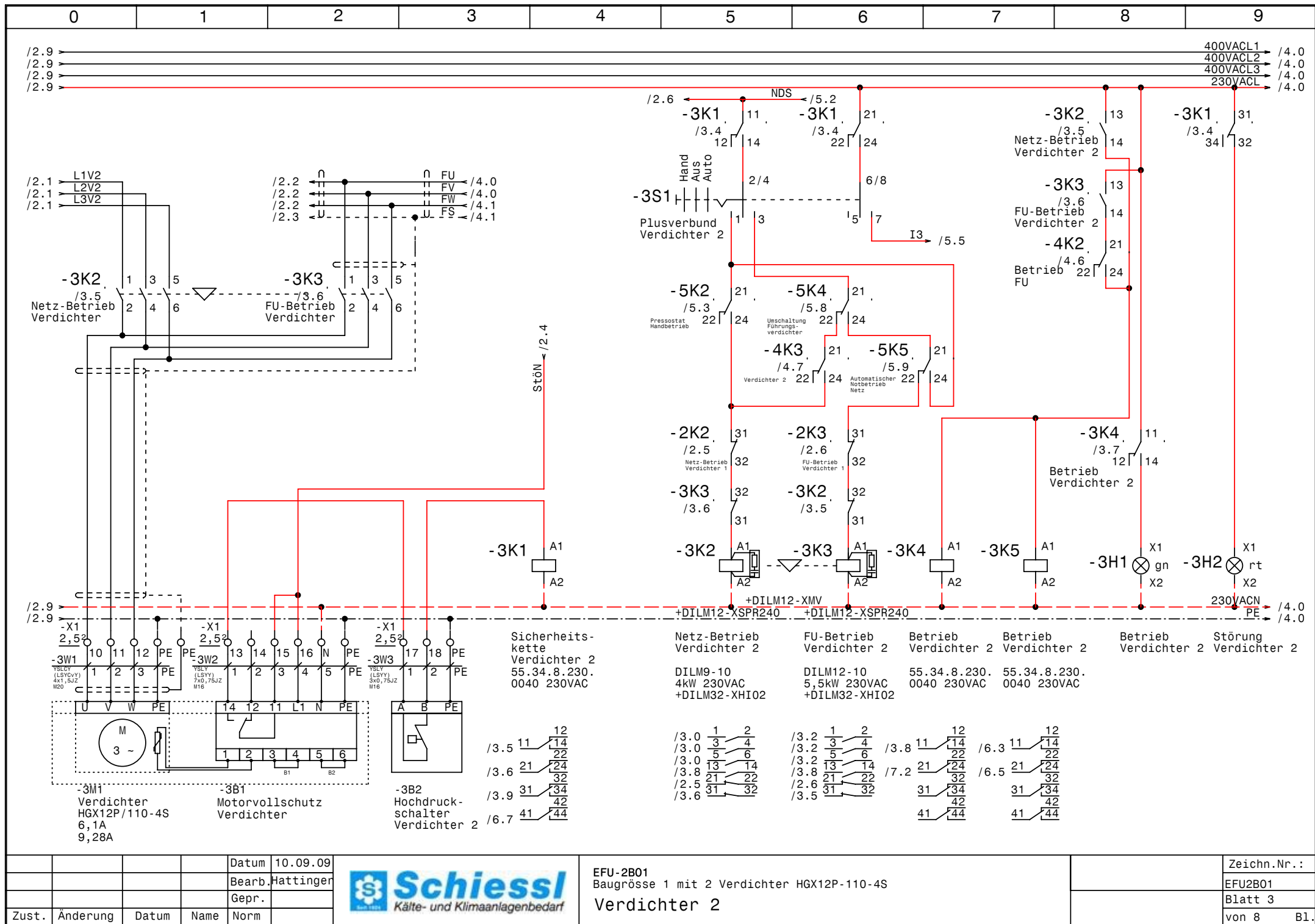
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|       |          |       | Datum  | 10.09.09  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



EFU-2B01  
Baugröße 1 mit 2 Verdichter HGX12P-110-4S  
Netzanschluß

|             |
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| Zeichn.Nr.: |
| EFU2B01     |
| Blatt 1     |
| von 8 Bl.   |



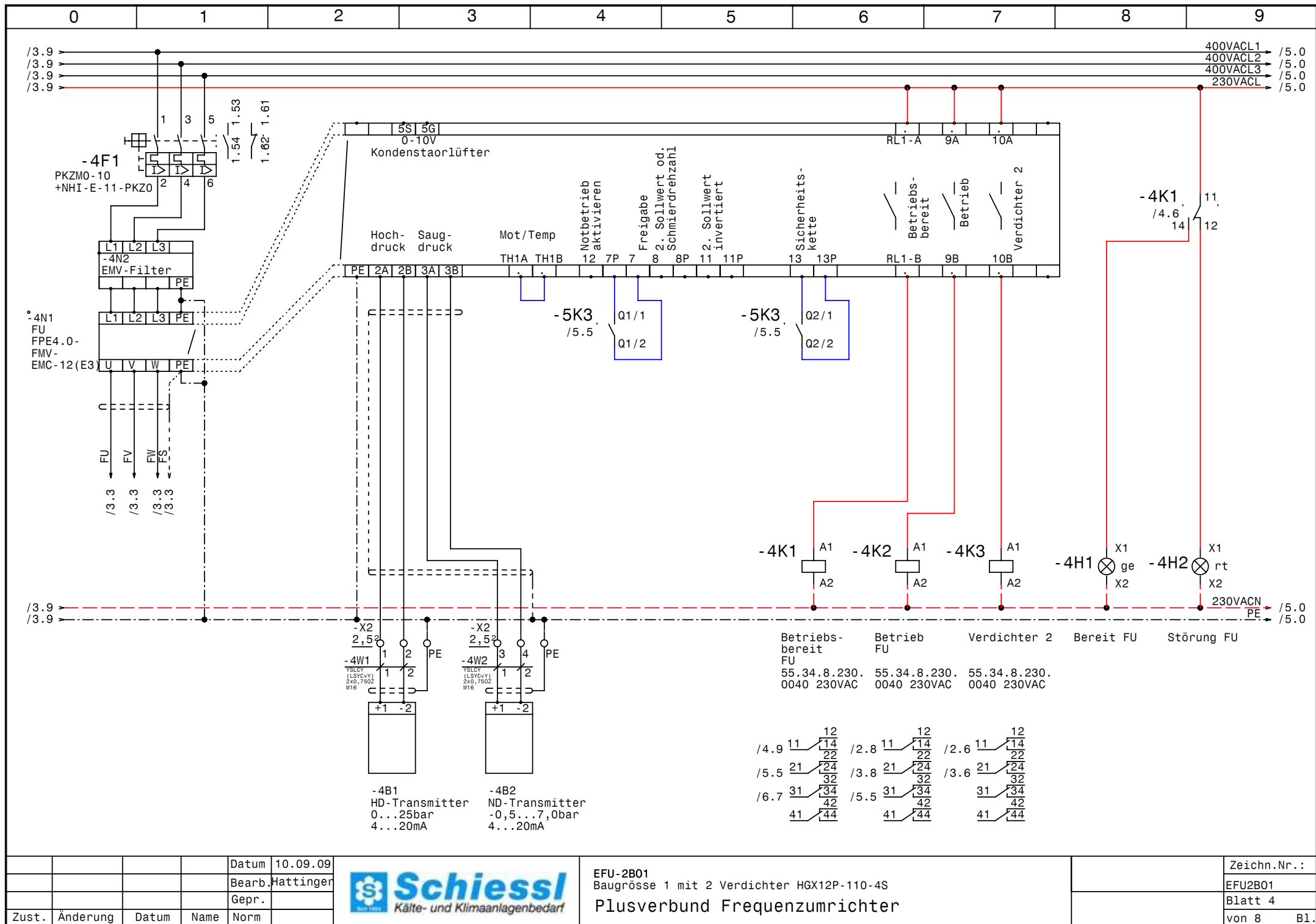


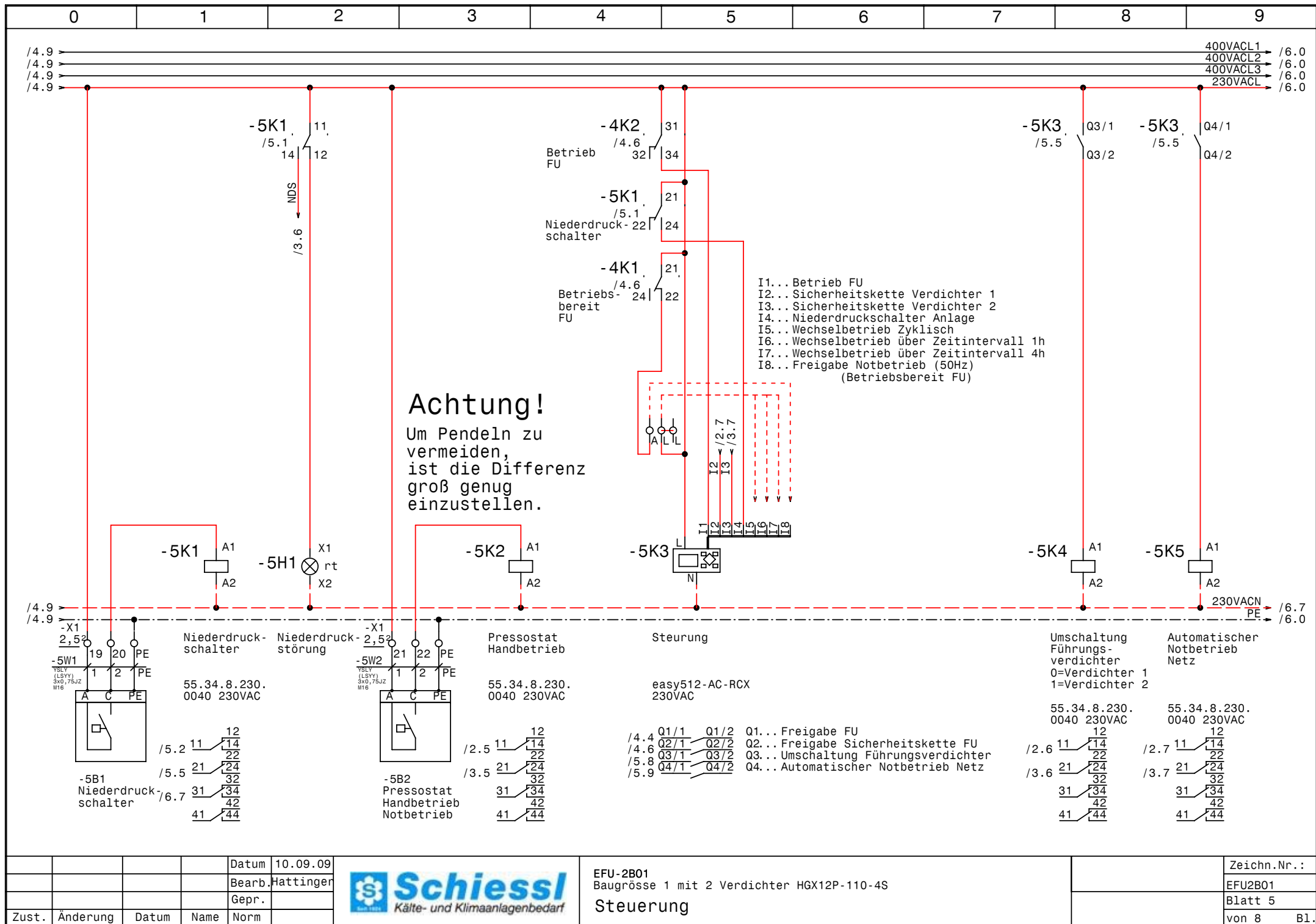
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| Zust. | Änderung | Datum | Name   | Norm      |



EFU-2B01  
Baugröße 1 mit 2 Verdichter HGX12P-110-4S  
Verdichter 2

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| Zeichn.Nr.: |
| EFU2B01     |
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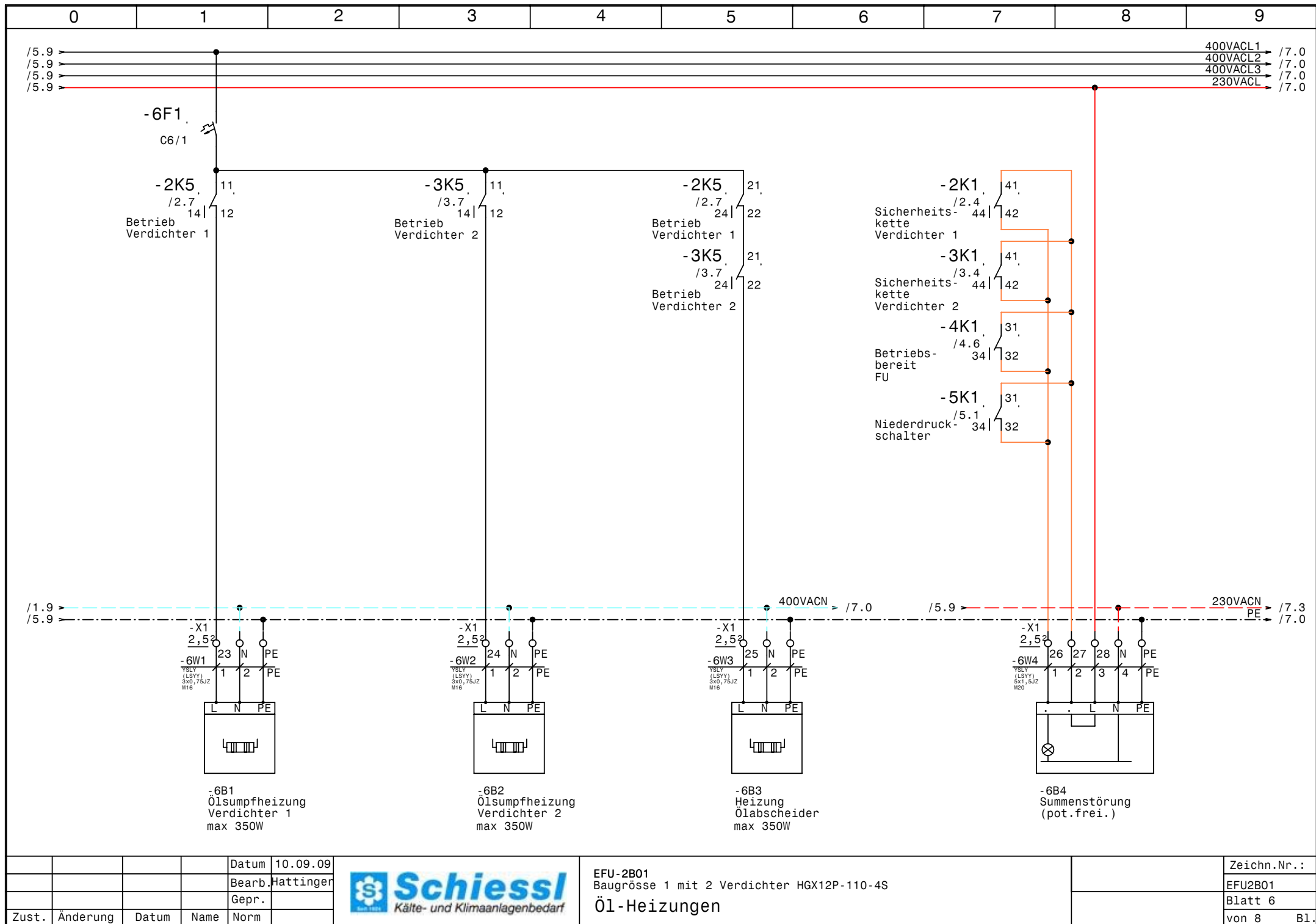


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|       |          |       |      | Datum  | 10.09.09  |
|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



EFU-2B01  
Baugröße 1 mit 2 Verdichter HGX12P-110-4S  
Steuerung

|             |         |
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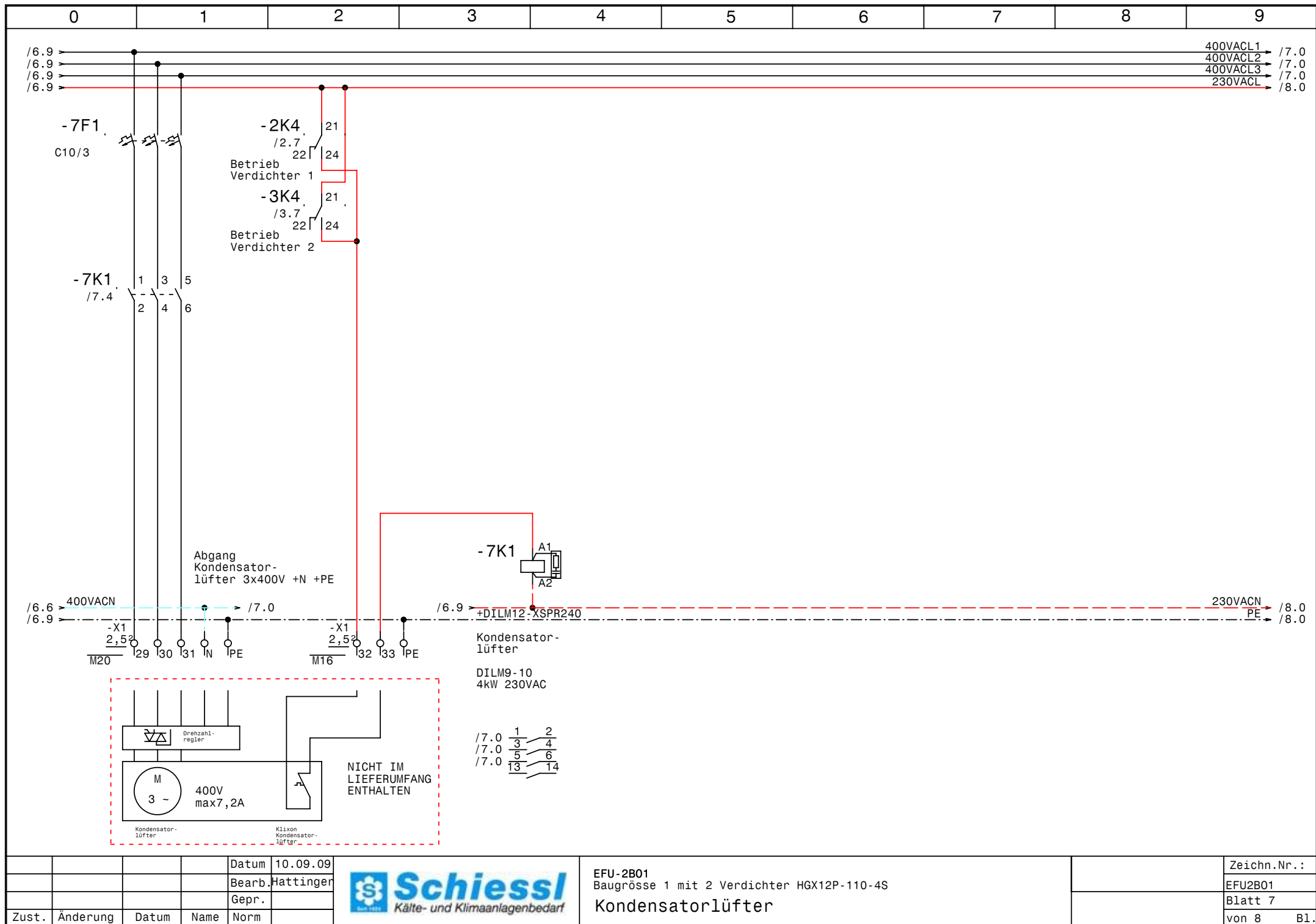


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| Zust. | Änderung | Datum | Name   | Norm      |



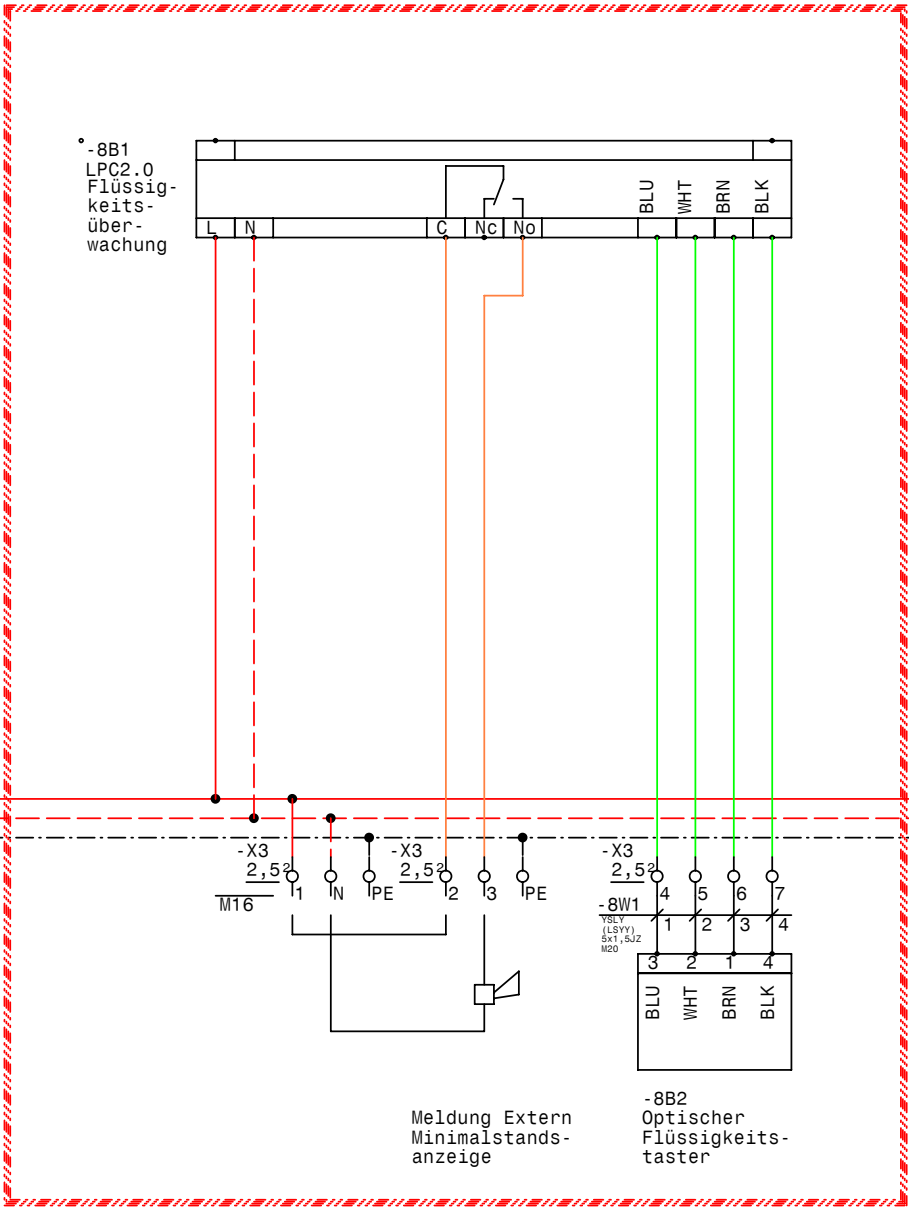
EFU-2B01  
Baugröße 1 mit 2 Verdichter HGX12P-110-4S  
Öl-Heizungen

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|       |          |       |      |        |           |                                                                                     |                                                                             |  |             |
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|       |          |       |      | Datum  | 10.09.09  |  | EFU-2B01<br>Baugrösse 1 mit 2 Verdichter HGX12P-110-4S<br>Kondensatorlüfter |  | Zeichn.Nr.: |
|       |          |       |      | Bearb. | Hattinger |                                                                                     |                                                                             |  | EFU2B01     |
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| Zust. | Änderung | Datum | Name | Norm   |           |                                                                                     |                                                                             |  | von 8 B1.   |





NICHT IM  
LIEFERUMFANG  
ENTHALTEN

Kann nachträglich  
eingebaut werden.

Nur die Klemmen sind Eingebaut!!

|       |          |       |        |           |
|-------|----------|-------|--------|-----------|
|       |          |       | Datum  | 10.09.09  |
|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



EFU-2B01  
Baugröße 1 mit 2 Verdichter HGX12P-110-4S  
Minimalstandsanzeige

|             |
|-------------|
| Zeichn.Nr.: |
| EFU2B01     |
| Blatt 8     |
| von 8 Bl.   |



| 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                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 3             | NHI-E-11-PKZO             |       |        |              |          | Normalhilfsschalter                                                                                                                 |  |   |  |   |                                                                             |   |  |   |  |           |  |   |  |  |             |  |
| 1             | PKZMO-6,3                 |       |        |              |          | Motorschutzschalter                                                                                                                 |  |   |  |   | -2F1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 1             | PKZMO-10                  |       |        |              |          | Motorschutzschalter                                                                                                                 |  |   |  |   | -4F1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 2             | C6/1                      |       |        |              |          | Sicherungsautomaten                                                                                                                 |  |   |  |   | -6F1, -1F2                                                                  |   |  |   |  |           |  |   |  |  |             |  |
| 1             | C10/3                     |       |        |              |          | Sicherungsautomaten                                                                                                                 |  |   |  |   | -7F1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 2             | Signalleuchte grün        |       |        |              |          | Signalglimmlampe grün                                                                                                               |  |   |  |   | -2H1, -3H1                                                                  |   |  |   |  |           |  |   |  |  |             |  |
| 4             | Signalleuchte rot         |       |        |              |          | Signalglimmlampe rot                                                                                                                |  |   |  |   | -2H2, -5H1, -3H2, -4H2                                                      |   |  |   |  |           |  |   |  |  |             |  |
| 1             | Signalleuchte gelb        |       |        |              |          | Signalglimmlampe gelb                                                                                                               |  |   |  |   | -4H1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 3             | DILM9-10(230V50HZ)        |       |        |              |          | Schütz                                                                                                                              |  |   |  |   | -2K2, -7K1, -3K2                                                            |   |  |   |  |           |  |   |  |  |             |  |
| 2             | DILM12-10(230V50HZ)       |       |        |              |          | Schütz                                                                                                                              |  |   |  |   | -2K3, -3K3                                                                  |   |  |   |  |           |  |   |  |  |             |  |
| 13            | 55.34.8.230.0040          |       |        |              |          | Finder - Relais Type 55 4polig                                                                                                      |  |   |  |   | -2K4, -3K5, -5K1, -3K1, -4K3, -4K2                                          |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                     |  |   |  |   | -2K1, -5K4, -5K5, -5K2, -2K5, -4K1                                          |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                     |  |   |  |   | -3K4                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 4             | DILM32-XHI02              |       |        |              |          | Hilfsschalterbaustein                                                                                                               |  |   |  |   |                                                                             |   |  |   |  |           |  |   |  |  |             |  |
| 13            | 94.04                     |       |        |              |          | Fassung für Finder Relais 4polig                                                                                                    |  |   |  |   |                                                                             |   |  |   |  |           |  |   |  |  |             |  |
| 1             | easy512-AC-RCX            |       |        |              |          | easy512-AC-RCX                                                                                                                      |  |   |  |   | -5K3                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Schaltschrankventilator                                                                                                             |  |   |  |   | -1M1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 1             | WS 8830 B=800 H=800 T=300 |       |        |              |          | Wandschrank IP 55                                                                                                                   |  |   |  |   | -0N1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 2             | DILM12-XMV                |       |        |              |          | Mechanische Verriegelung                                                                                                            |  |   |  |   | -2N2, -3N2                                                                  |   |  |   |  |           |  |   |  |  |             |  |
| 5             | DILM12-XSPR240            |       |        |              |          | RC-Löschglied                                                                                                                       |  |   |  |   | -3N3, -3N1, -2N3, -7N1, -2N1                                                |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | FU                                                                                                                                  |  |   |  |   | -4N1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | EMV-Filter                                                                                                                          |  |   |  |   | -4N2                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Thermostat                                                                                                                          |  |   |  |   | -1P1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 1             | LTS63 EHN1 A3             |       |        |              |          | Hauptschalter                                                                                                                       |  |   |  |   | -1Q1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 2             | M10HEU2                   |       |        |              |          | Umschalter 2pol. 1-0-2                                                                                                              |  |   |  |   | -3S1, -2S1                                                                  |   |  |   |  |           |  |   |  |  |             |  |
| 1             |                           |       |        |              |          | Trafo 400VAC 230VAC 160VA                                                                                                           |  |   |  |   | -1T1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 1             | M25                       |       |        |              |          | Kabelverschraubung                                                                                                                  |  |   |  |   | -1W1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 13            | M16                       |       |        |              |          | Kabelverschraubung                                                                                                                  |  |   |  |   | -2W3, -3W2, -6W1, -2W2, -8V1, -5W1                                          |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                     |  |   |  |   | -4W2, -6W3, -3W3, -5W2, -6W2, -7V2                                          |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        |              |          |                                                                                                                                     |  |   |  |   | -4W1                                                                        |   |  |   |  |           |  |   |  |  |             |  |
| 5             | M20                       |       |        |              |          | Kabelverschraubung                                                                                                                  |  |   |  |   | -3W1, -6W4, -8W1, -2W1, -7V1                                                |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       |        | Datum        | 10.09.09 |  <b>Schiessl</b><br>Kälte- und Klimaanlagebedarf |  |   |  |   | EFU-2B01<br>Baugrösse 1 mit 2 Verdichter HGX12P-110-4S<br><br>Materialliste |   |  |   |  |           |  |   |  |  | Zeichn.Nr.: |  |
|               |                           |       | Bearb. | Hattinger F. | EFU2B01  |                                                                                                                                     |  |   |  |   |                                                                             |   |  |   |  |           |  |   |  |  |             |  |
|               |                           |       | 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   |  |   |  |   |  |   |  |
| 1             |  | EK 6 ge/gr             |  |   |  | Erdungsklemme           |  |   |  |   |  | -X1                 |  |   |  |   |  |   |  |
| 3             |  | Klemme 6 grau          |  |   |  | Klemme L                |  |   |  |   |  | -X1                 |  |   |  |   |  |   |  |
| 1             |  | Klemme 6 blau          |  |   |  | Klemme N                |  |   |  |   |  | -X1                 |  |   |  |   |  |   |  |
| 20            |  | EK 2,5 ge/gr           |  |   |  | Erdungsklemme           |  |   |  |   |  | -X1, -X3, -X2       |  |   |  |   |  |   |  |
| 8             |  | Klemme 2,5 blau        |  |   |  | Klemme N                |  |   |  |   |  | -X1, -X3            |  |   |  |   |  |   |  |
| 47            |  | Klemme 2,5 grau        |  |   |  | Klemme L                |  |   |  |   |  | -X3, -XY1, -X2, -X1 |  |   |  |   |  |   |  |
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