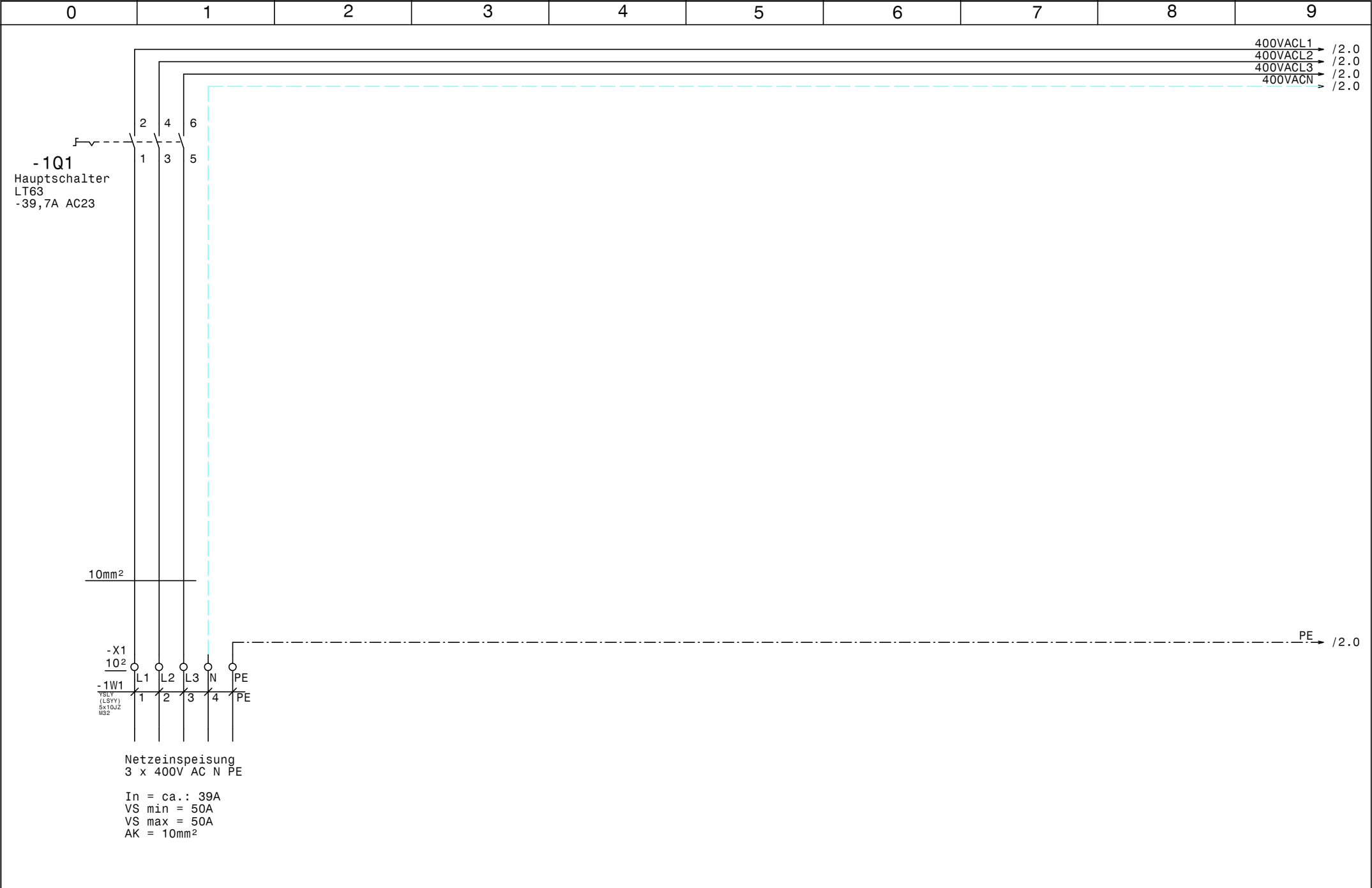
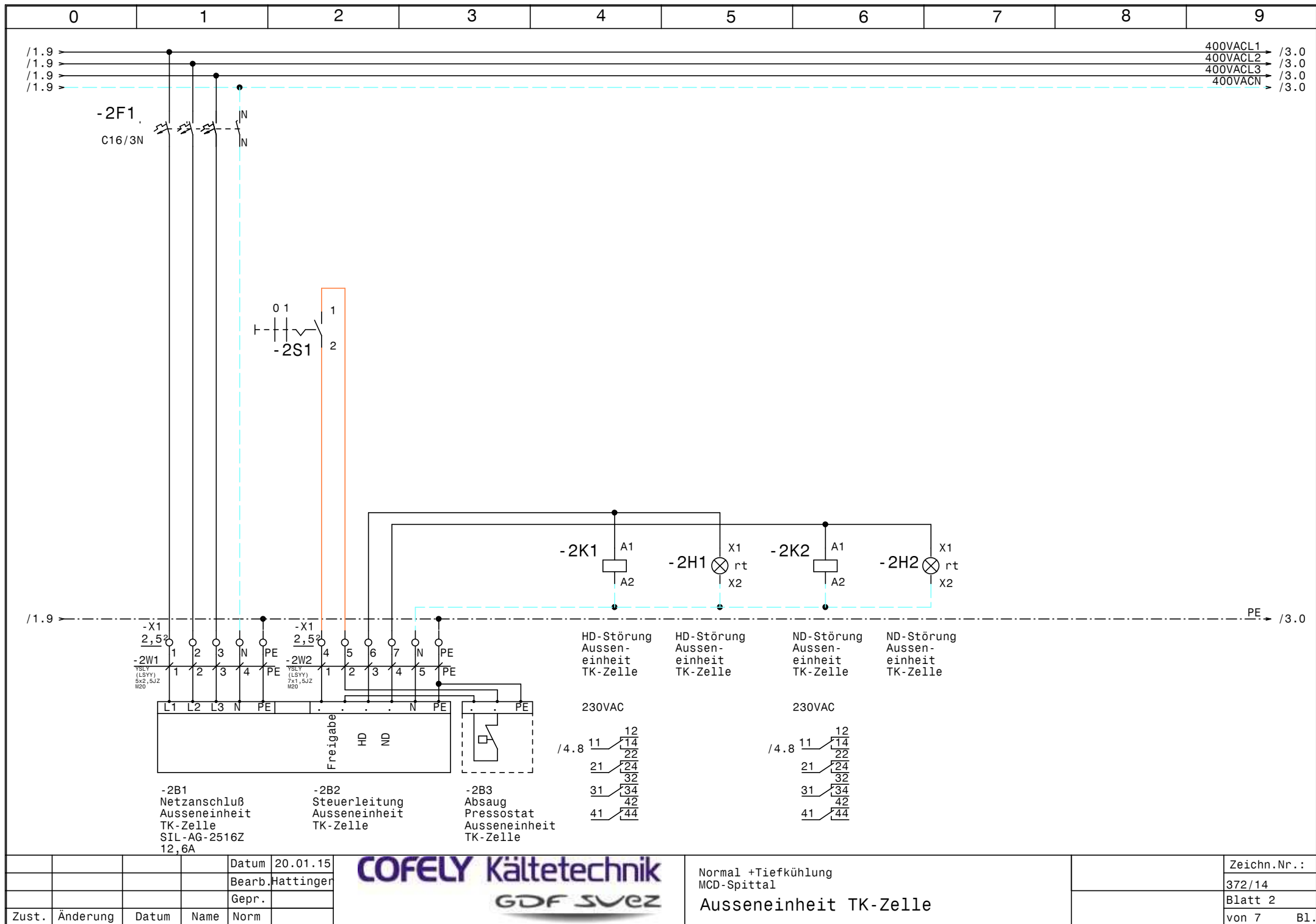


| Anlage:<br><br>Normal +Tiefkühlung<br><br>MCD-Spittal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     | <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>Cofely Kältetechnik                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |
| <table><thead><tr><th colspan="2">SCHALTSCHRANKAUSFÜHRUNG</th><th colspan="2">VERDRAHTUNGSFARBEN</th></tr></thead><tbody><tr><td>SCHALTSCHRANKGRÖSSE:</td><td>600x600x300 (BxHxT)</td><td>HAUPTSTROMKREIS 400/230V:</td><td>schwarz</td></tr><tr><td>SOCKEL:</td><td>-</td><td>NEUTRALLEITER:</td><td>hellblau</td></tr><tr><td>LACKIERUNG:</td><td>RAL 7035</td><td>SCHUTZLEITER:</td><td>gelb/grün</td></tr><tr><td>SCHUTZART:</td><td>IP54</td><td>STEUERSPANNUNG 230VAC:</td><td></td></tr><tr><td>SCHUTZMASSNAHME:</td><td>lt. EVU</td><td>ohne Trafo:</td><td>L/N braun/hellblau</td></tr><tr><td>BLINDSCHALTBILD:</td><td>nein (BxH)</td><td>mit Trafo:</td><td>L/N rot/rot-weiß</td></tr><tr><td>KABELEINFÜHRUNG:</td><td>oben</td><td>STEUERSPANNUNG 0-24VAC:</td><td>L/N blau/blau-weiß</td></tr><tr><td>TÜRANSCHLAG:</td><td>links</td><td>STEUERSPANNUNG 0-24VDC:</td><td>+/- blau/blau-weiß</td></tr><tr><td></td><td></td><td>GND, DDC:</td><td>blau-weiß</td></tr><tr><td></td><td></td><td>MESSLEITUNGEN, FÜHLER:</td><td>grün</td></tr><tr><td></td><td></td><td>POTENTIALFREIE LEITUNGEN:</td><td>orange</td></tr><tr><td></td><td></td><td>FREMDSPANNUNG:</td><td>orange</td></tr></tbody></table> |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | SCHALTSCHRANKAUSFÜHRUNG |  | VERDRAHTUNGSFARBEN |  | SCHALTSCHRANKGRÖSSE: | 600x600x300 (BxHxT) | HAUPTSTROMKREIS 400/230V: | schwarz | SOCKEL: | - | 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: | oben | STEUERSPANNUNG 0-24VAC: | L/N blau/blau-weiß | TÜRANSCHLAG: | links | STEUERSPANNUNG 0-24VDC: | +/- blau/blau-weiß |  |  | GND, DDC: | blau-weiß |  |  | MESSLEITUNGEN, FÜHLER: | grün |  |  | POTENTIALFREIE LEITUNGEN: | orange |  |  | FREMDSPANNUNG: |
| SCHALTSCHRANKAUSFÜHRUNG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                     | VERDRAHTUNGSFARBEN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |
| SCHALTSCHRANKGRÖSSE:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 600x600x300 (BxHxT) | HAUPTSTROMKREIS 400/230V:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | schwarz                 |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |
| SOCKEL:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                   | 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:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | oben                | STEUERSPANNUNG 0-24VAC:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | L/N blau/blau-weiß      |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |
| TÜRANSCHLAG:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | links               | STEUERSPANNUNG 0-24VDC:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | +/- blau/blau-weiß      |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     | GND, DDC:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | blau-weiß               |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     | MESSLEITUNGEN, FÜHLER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | grün                    |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     | POTENTIALFREIE LEITUNGEN:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | orange                  |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                     | FREMDSPANNUNG:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | orange                  |  |                    |  |                      |                     |                           |         |         |   |                |          |             |          |               |           |            |      |                        |  |                  |         |             |                    |                  |            |            |                  |                  |      |                         |                    |              |       |                         |                    |  |  |           |           |  |  |                        |      |  |  |                           |        |  |  |                |

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| 000 Deckblatt              | 003 Ausseneinheiten TK-Schränke | 006 NK-Raum            |
| 001 Netzanschluß           | 004 NK-Ausseneinheit            | 007 Kühlstellenabgänge |
| 002 Ausseneinheit TK-Zelle | 005 TK-Raum                     |                        |



|       |          |       |      |        |           |                                 |                                                    |       |             |
|-------|----------|-------|------|--------|-----------|---------------------------------|----------------------------------------------------|-------|-------------|
|       |          |       |      | Datum  | 20.01.15  | COFELY Kältetechnik<br>GDF SVEZ | Normal +Tiefkühlung<br>MCD-Spittal<br>Netzanschluß |       | Zeichn.Nr.: |
|       |          |       |      | Bearb. | Hattinger |                                 |                                                    |       | 372/14      |
|       |          |       |      | Gepr.  |           |                                 |                                                    |       | Blatt 1     |
| Zust. | Änderung | Datum | Name | Norm   |           |                                 |                                                    | von 7 | B1.         |

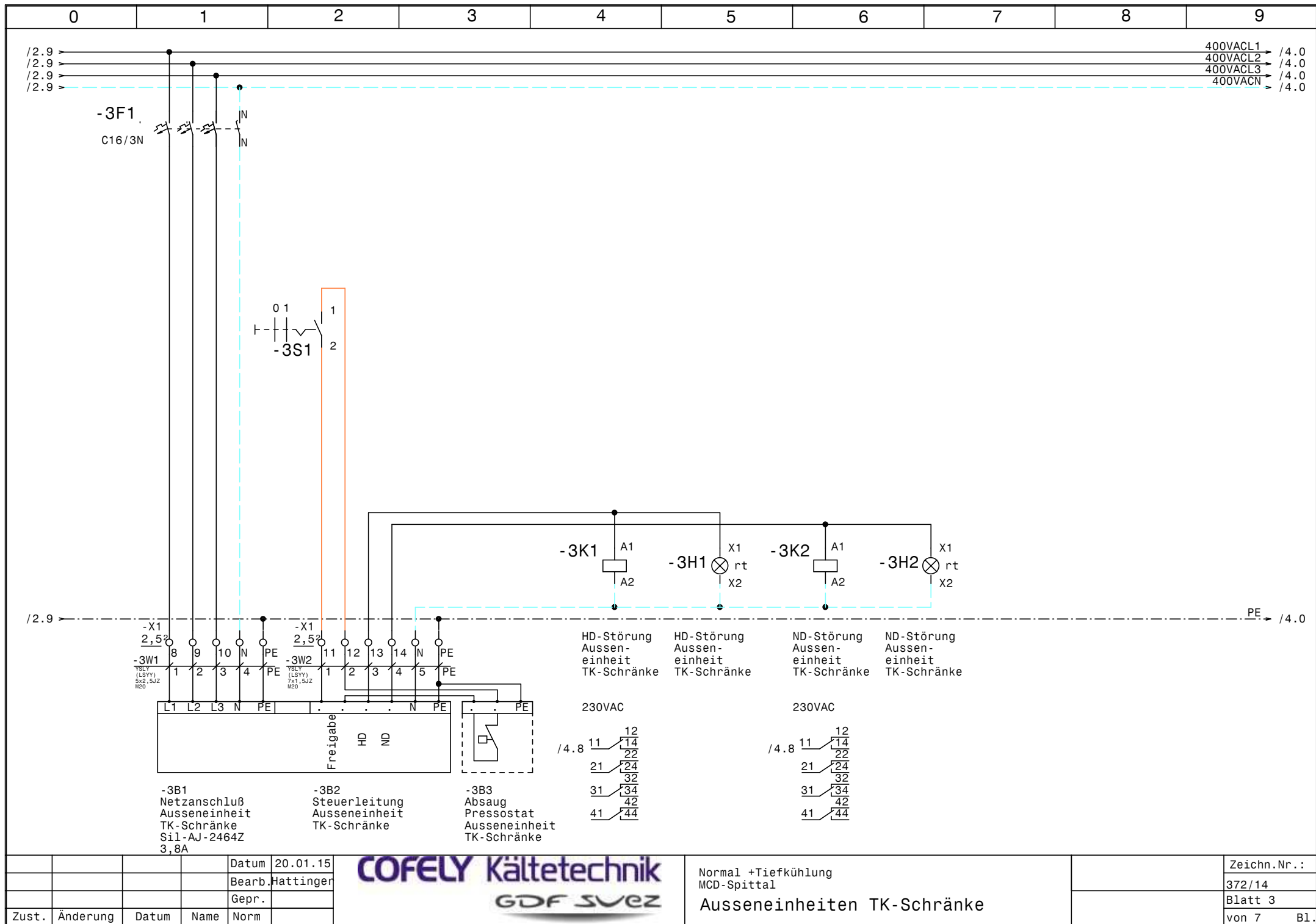


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|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



Normal +Tiefkühlung  
MCD-Spittal  
Ausseneinheit TK-Zelle

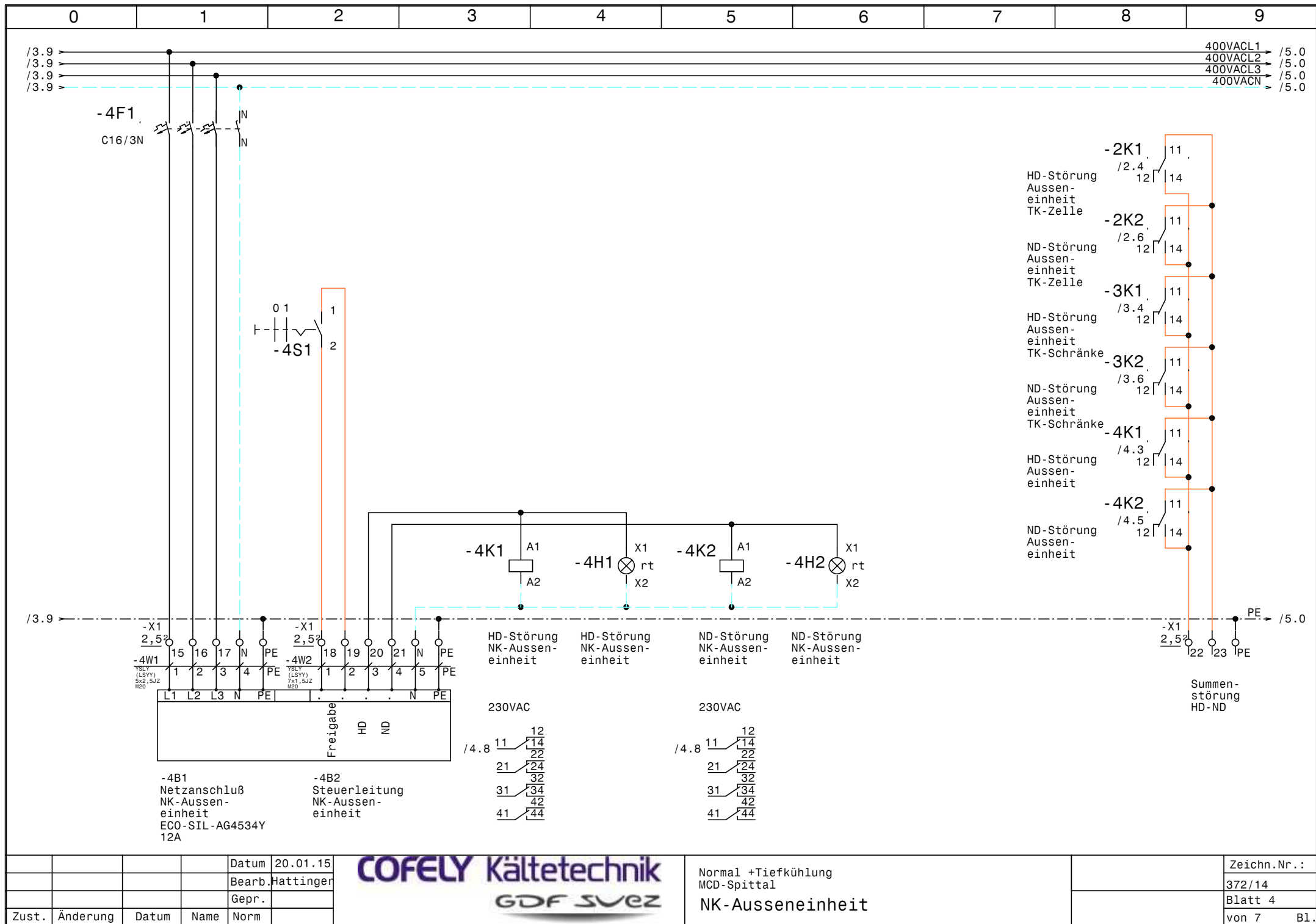
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| Zeichn.Nr.: |        |
|             | 372/14 |
| Blatt 2     |        |
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|       |          |       | Datum  | 20.01.15  |
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|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |



|                                                                   |             |
|-------------------------------------------------------------------|-------------|
| Normal +Tiefkühlung<br>MCD-Spittal<br>Ausseneinheiten TK-Schränke | Zeichn.Nr.: |
|                                                                   | 372/14      |
|                                                                   | Blatt 3     |
|                                                                   | von 7 Bl.   |

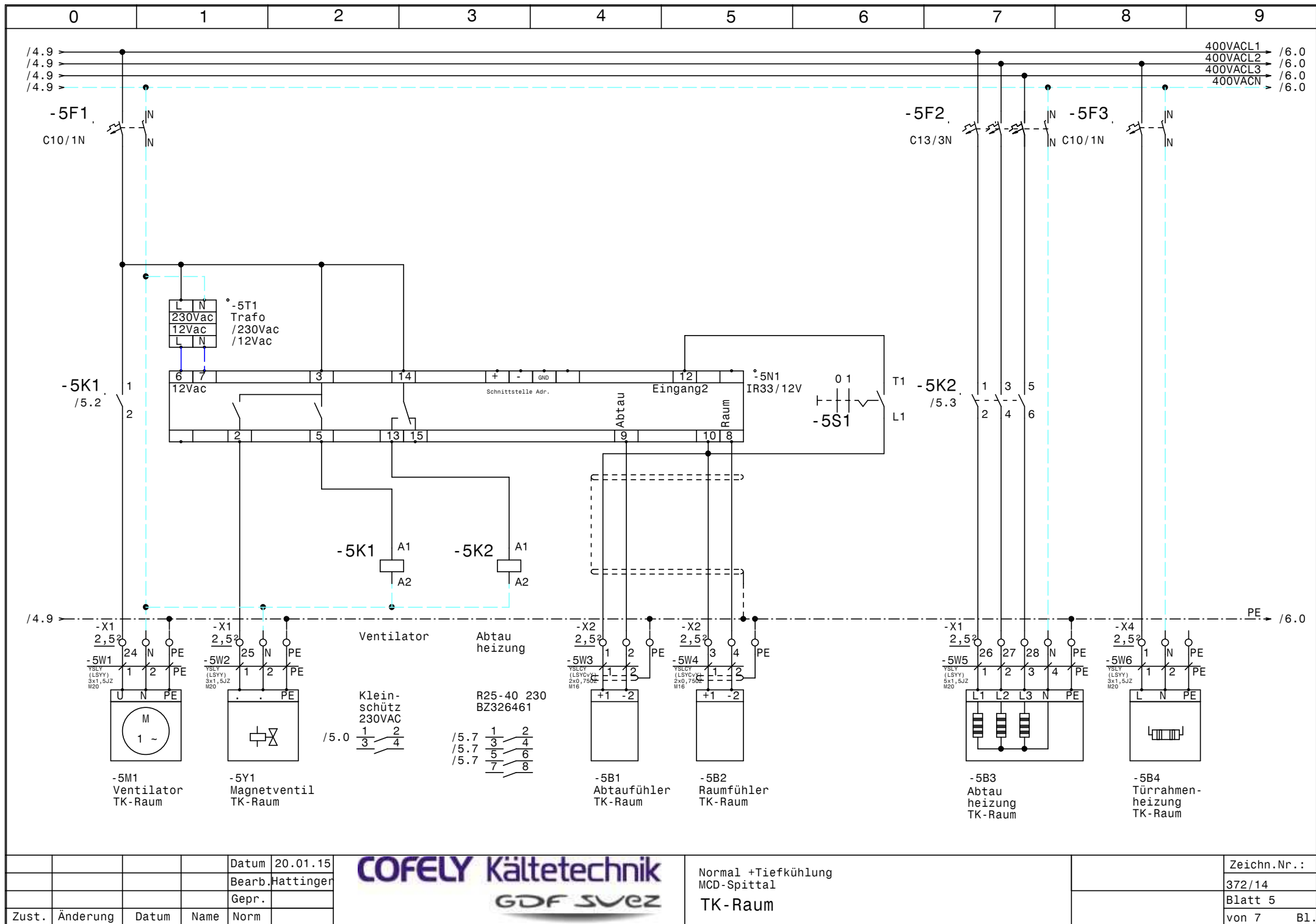


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|       |          |       | Datum  | 20.01.15  |
|       |          |       | Bearb. | Hattinger |
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| Zust. | Änderung | Datum | Name   | Norm      |



Normal +Tiefkühlung  
MCD-Spittal  
NK-Ausseneinheit

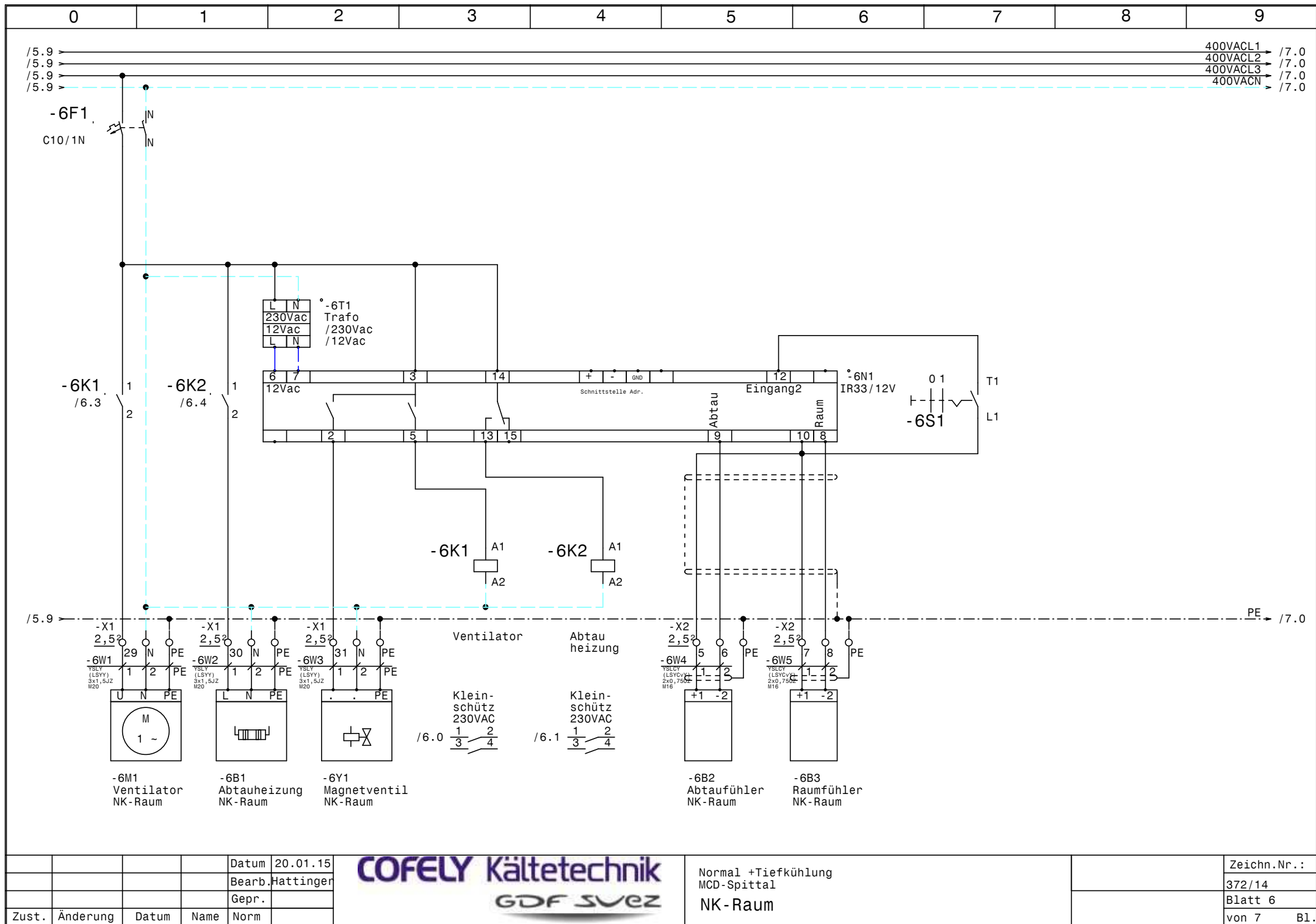
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| Zeichn.Nr.: | 372/14 |
| Blatt 4     | von 7  |
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|       |          |       |      | Bearb. | Hattinger |
|       |          |       |      | Gepr.  |           |
| Zust. | Änderung | Datum | Name | Norm   |           |



|                                               |  |             |        |
|-----------------------------------------------|--|-------------|--------|
| Normal +Tiefkühlung<br>MCD-Spittal<br>TK-Raum |  | Zeichn.Nr.: |        |
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|       |          |       | Bearb. | Hattinger |
|       |          |       | Gepr.  |           |
| Zust. | Änderung | Datum | Name   | Norm      |

**COFELY Kältetechnik**  
GDF SVEZ

|                                               |             |     |
|-----------------------------------------------|-------------|-----|
| Normal +Tiefkühlung<br>MCD-Spittal<br>NK-Raum | Zeichn.Nr.: |     |
|                                               | 372/14      |     |
|                                               | Blatt 6     |     |
|                                               | von 7       | B1. |







| 0             |  | 1                      |  | 2 |  | 3                                |  | 4 |  | 5                                  |  | 6 |  | 7 |  | 8 |  | 9 |  |
|---------------|--|------------------------|--|---|--|----------------------------------|--|---|--|------------------------------------|--|---|--|---|--|---|--|---|--|
| Stück<br>Zahl |  | Artikel<br>Bezeichnung |  |   |  | Artikel<br>Beschreibung          |  |   |  | Artikel<br>Bezüge                  |  |   |  |   |  |   |  |   |  |
| 3             |  | C16/3N                 |  |   |  | Sicherungsautomaten              |  |   |  | -3F1, -2F1, -4F1                   |  |   |  |   |  |   |  |   |  |
| 1             |  | C13/3N                 |  |   |  | Sicherungsautomaten              |  |   |  | -5F2                               |  |   |  |   |  |   |  |   |  |
| 5             |  | C10/1N                 |  |   |  | Sicherungsautomaten              |  |   |  | -7F2, -7F1, -6F1, -5F3, -5F1       |  |   |  |   |  |   |  |   |  |
| 4             |  | C6/1N                  |  |   |  | Sicherungsautomaten              |  |   |  | -7F6, -7F5, -7F4, -7F3             |  |   |  |   |  |   |  |   |  |
| 6             |  | Signalleuchte rot      |  |   |  | Signalglimmlampe rot             |  |   |  | -4H1, -3H2, -2H1, -4H2, -2H2, -3H1 |  |   |  |   |  |   |  |   |  |
| 6             |  | Sockel 4polig          |  |   |  | Sockel für Minitur Relais 4polig |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
| 6             |  | Relais4polig230VAC     |  |   |  | Miniatur - Relais 4polig         |  |   |  | -3K1, -4K2, -3K2, -2K2, -4K1, -2K1 |  |   |  |   |  |   |  |   |  |
| 3             |  | BZ 326 437 /230VAC /2S |  |   |  | Kleinschütz für Wärmespeicher    |  |   |  | -5K1, -6K2, -6K1                   |  |   |  |   |  |   |  |   |  |
| 1             |  | R25-40_230             |  |   |  | Kleinschütz                      |  |   |  | -5K2                               |  |   |  |   |  |   |  |   |  |
| 1             |  | WS600x600x300          |  |   |  | Wandschrank IP 55                |  |   |  | -0N1                               |  |   |  |   |  |   |  |   |  |
| 2             |  |                        |  |   |  | IR33/12V                         |  |   |  | -5N1, -6N1                         |  |   |  |   |  |   |  |   |  |
| 1             |  | LT63 -39,7A AC23       |  |   |  | Hauptschalter                    |  |   |  | -1Q1                               |  |   |  |   |  |   |  |   |  |
| 11            |  |                        |  |   |  | Ausschalter 1pol. 0-1            |  |   |  | -2S1, -3S1, -4S1, -7S3, -5S1, -6S1 |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  | -7S5, -7S2, -7S6, -7S4, -7S1       |  |   |  |   |  |   |  |   |  |
| 2             |  |                        |  |   |  | Trafo /230Vac /12Vac             |  |   |  | -5T1, -6T1                         |  |   |  |   |  |   |  |   |  |
| 1             |  | M32                    |  |   |  | Kabelverschraubung               |  |   |  | -1W1                               |  |   |  |   |  |   |  |   |  |
| 4             |  | M16                    |  |   |  | Kabelverschraubung               |  |   |  | -5W4, -6W4, -5W3, -6W5             |  |   |  |   |  |   |  |   |  |
| 19            |  | M20                    |  |   |  | Kabelverschraubung               |  |   |  | -6W3, -4W1, -3W2, -7W5, -3W1, -7W4 |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  | -2W2, -2W1, -7W2, -7W3, -7W6, -6W1 |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  | -5W2, -5W1, -5W5, -5W6, -7W1, -6W2 |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  | -4W2                               |  |   |  |   |  |   |  |   |  |
| 1             |  | EK 10 ge/gr            |  |   |  | Erdungsklemme                    |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 1             |  | Klemme 10 blau         |  |   |  | Klemme N                         |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 3             |  | Klemme 10 grau         |  |   |  | Klemme L                         |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 46            |  | Klemme 2,5 grau        |  |   |  | Klemme L                         |  |   |  | -X2, -X1, -X4, -X1                 |  |   |  |   |  |   |  |   |  |
| 19            |  | Klemme 2,5 blau        |  |   |  | Klemme N                         |  |   |  | -X4, -X1, -X1                      |  |   |  |   |  |   |  |   |  |
| 24            |  | EK 2,5 ge/gr           |  |   |  | Erdungsklemme                    |  |   |  | -X4, -X2, -X1, -X1                 |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
|               |  |                        |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |