

Anlage:

## Tiefkühlung

Moser Teiglinge GmbH

Firma:

## Johnson Controls

!! A C H T U N G !!

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!

| SCHALTSTRANKAUSFÜHRUNG |             |         | VERDRAHTUNGSFARBEN        |     |                |
|------------------------|-------------|---------|---------------------------|-----|----------------|
| SCHALTSTRANKGRÖSSE:    | 600x800x300 | (BxHxT) | HAUPTSTROMKREIS 400/230V: |     | schwarz        |
| SOCKEL:                | -           | (H)     | NEUTRALLEITER:            |     | hellblau       |
| LACKIERUNG:            | RAL 7035    |         | SCHUTZLEITER:             |     | gelb/grün      |
| SCHUTZART:             | IP54        |         | STEUERSPANNUNG 230VAC:    |     |                |
| SCHUTZMASSNAHME:       | 1t. EVU     |         | ohne Trafo:               | L/N | braun/hellblau |
| BLINDSCHALTBILD:       | nein        | (BxH)   | mit Trafo:                | L/N | rot/rot-weiß   |
| KABELEINFÜHRUNG:       | unten       |         | STEUERSPANNUNG 0-24VAC:   | L/N | blau/blau-weiß |
| TÜRANSCHLAG:           | links       |         | STEUERSPANNUNG 0-24VDC:   | +/- | blau/blau-weiß |
|                        |             |         | GND, DDC:                 |     | blau-weiß      |
|                        |             |         | MESSLEITUNGEN, FÜHLER:    |     | grün           |
|                        |             |         | POTENTIALFREIE LEITUNGEN: |     | orange         |
|                        |             |         | FREMDSPANNUNG:            |     | orange         |

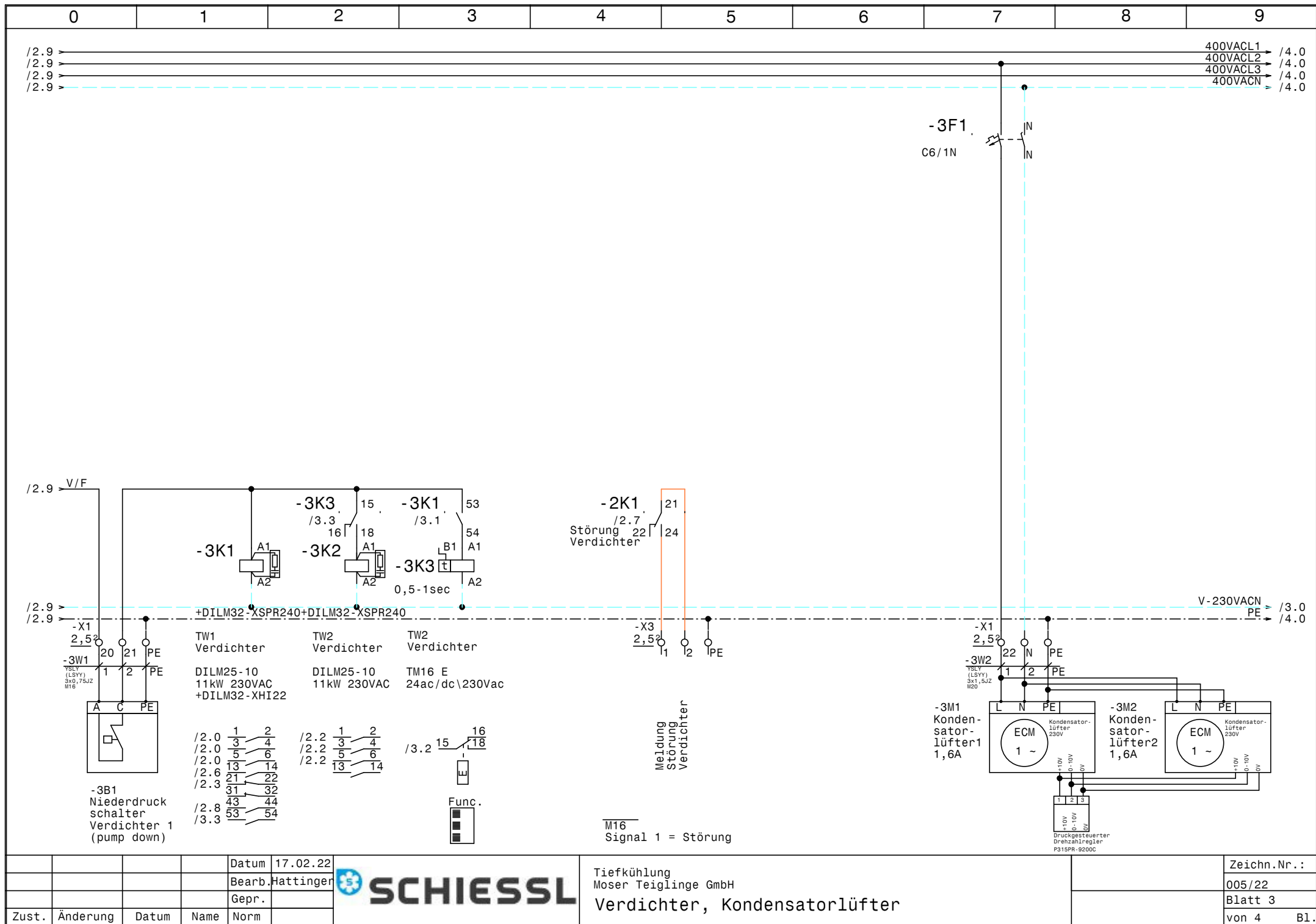
# Blattverzeichnis

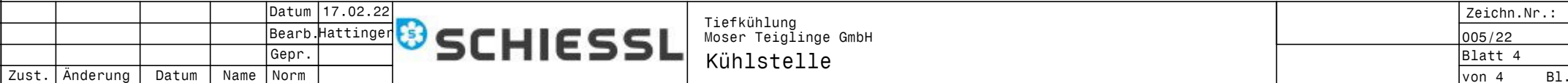
|     |              |     |                               |     |                     |
|-----|--------------|-----|-------------------------------|-----|---------------------|
| 000 | Deckblatt    | 002 | Verdichter                    | 004 | Kühlstelle Grammeln |
| 001 | Netzanschluß | 003 | Verdichter, Kondensatorlüfter |     |                     |

|       |          |       |      |        |           |                                                                                      |                                                  |  |             |
|-------|----------|-------|------|--------|-----------|--------------------------------------------------------------------------------------|--------------------------------------------------|--|-------------|
|       |          |       |      | Datum  | 17.02.22  |  | Tiefkühlung<br>Moser Teiglinge GmbH<br>Deckblatt |  | Zeichn.Nr.: |
|       |          |       |      | Bearb. | Hattinger |                                                                                      |                                                  |  | 005/22      |
|       |          |       |      | Gepr.  |           |                                                                                      |                                                  |  | Blatt 0     |
| Zust. | Änderung | Datum | Name | Norm   |           |                                                                                      |                                                  |  | von 4 Bl.   |









| 0   |  | 1         |  | 2                        |  | 3                           |  | 4               |  | 5                                             |  | 6 |  | 7 |  | 8 |  | 9 |  |
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| Nr. |  | Feldgerät |  | Leitungs-<br>bezeichnung |  | Leitungs-<br>typ            |  | Anzahl<br>Adern |  | Zielbezeichnung                               |  |   |  |   |  |   |  |   |  |
| 1   |  | -1We1     |  | -1W1                     |  | YSLY (LSYY) 5x16JZ M40      |  | 5               |  | Netzeinspeisung 3 x 400V AC N PE              |  |   |  |   |  |   |  |   |  |
| 2   |  | -2M1      |  | -2W1                     |  | YSLY (LSYY) 4x2,5JZ M20     |  | 4               |  | Teilwicklung 1 Verdichter                     |  |   |  |   |  |   |  |   |  |
| 3   |  | -2M2      |  | -2W2                     |  | YSLY (LSYY) 4x2,5JZ M20     |  | 4               |  | Teilwicklung 2 Verdichter                     |  |   |  |   |  |   |  |   |  |
| 4   |  | -2B1      |  | -2W3                     |  | YSLY (LSYY) 7x0,75JZ M16    |  | 6               |  | Motorvollschutz Verdichter                    |  |   |  |   |  |   |  |   |  |
| 5   |  | -2B2      |  | -2W4                     |  | YSLY (LSYY) 3x0,75JZ M16    |  | 3               |  | Ölsumpfheizung Verdichter                     |  |   |  |   |  |   |  |   |  |
| 6   |  | -2B3      |  | -2W5                     |  | YSLY (LSYY) 5x0,75JZ M16    |  | 5               |  | HD-ND-Pressostat Verdichter                   |  |   |  |   |  |   |  |   |  |
| 7   |  | -2B4      |  | -2W6                     |  | YSLY (LSYY) 7x0,75JZ M16    |  | 6               |  | Öl-Diff.Pressostat Verdichter                 |  |   |  |   |  |   |  |   |  |
| 8   |  | -3B1      |  | -3W1                     |  | YSLY (LSYY) 3x0,75JZ M16    |  | 3               |  | Niederdruck schalter Verdichter 1 (pump down) |  |   |  |   |  |   |  |   |  |
| 9   |  | -3M2      |  | -3W2                     |  | YSLY (LSYY) 3x1,5JZ M20     |  | 3               |  | Kondensatorlüfter2                            |  |   |  |   |  |   |  |   |  |
| 10  |  | -4B1      |  | -4W1                     |  | YSLCY (LSYCVY) 2x0,750Z M16 |  | 2               |  | Abtaufühler Kühlstelle                        |  |   |  |   |  |   |  |   |  |
| 11  |  | -4B2      |  | -4W2                     |  | YSLCY (LSYCVY) 2x0,750Z M16 |  | 2               |  | Raumfühler Kühlstelle                         |  |   |  |   |  |   |  |   |  |
| 12  |  | -4Y1      |  | -4W3                     |  | YSLY (LSYY) 3x0,75JZ M16    |  | 3               |  | Magnetventil Kühlstelle                       |  |   |  |   |  |   |  |   |  |
| 13  |  | -4M1      |  | -4W4                     |  | YSLY (LSYY) 3x1,5JZ M20     |  | 3               |  | Verdampfer Ventilator Kühlstelle              |  |   |  |   |  |   |  |   |  |
| 14  |  | -4B3      |  | -4W5                     |  | YSLY (LSYY) 5x1,5JZ M20     |  | 5               |  | Abtau heizung Kühlstelle                      |  |   |  |   |  |   |  |   |  |
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| 0             |  | 1                         |  | 2 |  | 3                                |  | 4 |  | 5                                  |  | 6 |  | 7 |  | 8 |  | 9 |  |
|---------------|--|---------------------------|--|---|--|----------------------------------|--|---|--|------------------------------------|--|---|--|---|--|---|--|---|--|
| Stück<br>Zahl |  | Artikel<br>Bezeichnung    |  |   |  | Artikel<br>Beschreibung          |  |   |  | Artikel<br>Bezüge                  |  |   |  |   |  |   |  |   |  |
| 1             |  |                           |  |   |  | Dixell XR60CX-5NOC1 230Vac       |  |   |  | -4N1                               |  |   |  |   |  |   |  |   |  |
| 2             |  |                           |  |   |  | Ausschalter 1pol. 0-1            |  |   |  | -2S1, -4S1                         |  |   |  |   |  |   |  |   |  |
| 2             |  | +CL-PKZO                  |  |   |  | Strombegrenzer                   |  |   |  | -2Z2, -2Z1                         |  |   |  |   |  |   |  |   |  |
| 1             |  | C13/3N                    |  |   |  | Sicherungsautomaten              |  |   |  | -4F3                               |  |   |  |   |  |   |  |   |  |
| 4             |  | C6/1N                     |  |   |  | Sicherungsautomaten              |  |   |  | -3F1, -2F3, -4F2, -4F1             |  |   |  |   |  |   |  |   |  |
| 2             |  | DILM25-10(230V50HZ)       |  |   |  | Schütz                           |  |   |  | -3K1, -3K2                         |  |   |  |   |  |   |  |   |  |
| 1             |  | DILM32-XHI22              |  |   |  | Hilfsschalterbaustein            |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
| 2             |  | DILM32-XSPR240            |  |   |  | RC-Löschglied                    |  |   |  | -3N1, -3N2                         |  |   |  |   |  |   |  |   |  |
| 1             |  | EK 16 ge/gr               |  |   |  | Erdungsklemme                    |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 14            |  | EK 2,5 ge/gr              |  |   |  | Erdungsklemme                    |  |   |  | -X2, -X3, -X1                      |  |   |  |   |  |   |  |   |  |
| 1             |  | Klemme 16 blau            |  |   |  | Klemme N                         |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 3             |  | Klemme 16 grau            |  |   |  | Klemme L                         |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 7             |  | Klemme 2,5 blau           |  |   |  | Klemme N                         |  |   |  | -X1                                |  |   |  |   |  |   |  |   |  |
| 33            |  | Klemme 2,5 grau           |  |   |  | Klemme L                         |  |   |  | -X3, -X2, -X1                      |  |   |  |   |  |   |  |   |  |
| 1             |  | LT80 -54,1A AC23          |  |   |  | Hauptschalter                    |  |   |  | -1Q1                               |  |   |  |   |  |   |  |   |  |
| 9             |  | M16                       |  |   |  | Kabelverschraubung               |  |   |  | -4W1, -4W3, -2W3, -4W2, -3V1, -3W1 |  |   |  |   |  |   |  |   |  |
|               |  |                           |  |   |  |                                  |  |   |  | -2W6, -2W5, -2W4                   |  |   |  |   |  |   |  |   |  |
| 5             |  | M20                       |  |   |  | Kabelverschraubung               |  |   |  | -2W2, -4W5, -2W1, -4W4, -3W2       |  |   |  |   |  |   |  |   |  |
| 1             |  | M40                       |  |   |  | Kabelverschraubung               |  |   |  | -1W1                               |  |   |  |   |  |   |  |   |  |
| 2             |  | NHI-E-11-PKZO             |  |   |  | Normalhilfsschalter              |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
| 2             |  | PKZMO-20                  |  |   |  | Motorschutzschalter              |  |   |  | -2F1, -2F2                         |  |   |  |   |  |   |  |   |  |
| 1             |  | R20-20_230                |  |   |  | Kleinschütz                      |  |   |  | -4K1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | R25-40_230                |  |   |  | Kleinschütz                      |  |   |  | -4K2                               |  |   |  |   |  |   |  |   |  |
| 1             |  | Relais4polig230VAC        |  |   |  | Miniatur - Relais 4polig         |  |   |  | -2K1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | Signalleuchte grün        |  |   |  | Signalglimmlampe grün            |  |   |  | -2H1                               |  |   |  |   |  |   |  |   |  |
| 1             |  | Signalleuchte rot         |  |   |  | Signalglimmlampe rot             |  |   |  | -2H2                               |  |   |  |   |  |   |  |   |  |
| 1             |  | Sockel 4polig             |  |   |  | Sockel für Minitur Relais 4polig |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
| 1             |  | TM16 E 24ac/dc\230Vac     |  |   |  | Multifunktion Zeitrelais         |  |   |  | -3K3                               |  |   |  |   |  |   |  |   |  |
| 1             |  | WS 6830 B=600 H=800 T=300 |  |   |  | Wandschrank IP 55                |  |   |  | -0N1                               |  |   |  |   |  |   |  |   |  |
|               |  |                           |  |   |  |                                  |  |   |  |                                    |  |   |  |   |  |   |  |   |  |
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|-------|----------|-------|------|--------|--------------|-------------------------------------------------------------------------------------|------------------------------------------------------|--|-------------|
|       |          |       |      | Datum  | 17.02.22     |  | Tiefkühlung<br>Moser Teiglinge GmbH<br>Materialliste |  | Zeichn.Nr.: |
|       |          |       |      | Bearb. | Hattinger F. |                                                                                     |                                                      |  | 005/22      |
|       |          |       |      | Gepr.  |              |                                                                                     |                                                      |  | Blatt 1     |
| Zust. | Änderung | Datum | Name | Norm   |              |                                                                                     |                                                      |  | von 1 Bl.   |